Event and Error Message Reference Guide For 13th Generation Dell PowerEdge Servers
Version 1.4
Notes, cautions, and warnings

NOTE: A NOTE indicates important information that helps you make better use of your computer.

CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

WARNING: A WARNING indicates a potential for property damage, personal injury, or death.
# Contents

1 AMP Event Messages................................................................. 118
   AMP0300.................................................................................. 118
   AMP0301.................................................................................. 118
   AMP0302.................................................................................. 119
   AMP0303.................................................................................. 120
   AMP0304.................................................................................. 120
   AMP0305.................................................................................. 121
   AMP0306.................................................................................. 121
   AMP0307.................................................................................. 122
   AMP0308.................................................................................. 123
   AMP0309.................................................................................. 123
   AMP0310.................................................................................. 124
   AMP0311.................................................................................. 125
   AMP0312.................................................................................. 125
   AMP0313.................................................................................. 126
   AMP0314.................................................................................. 126
   AMP0315.................................................................................. 127
   AMP0316.................................................................................. 127
   AMP0317.................................................................................. 128
   AMP0318.................................................................................. 129
   AMP0319.................................................................................. 129
   AMP0320.................................................................................. 130
   AMP0321.................................................................................. 130
   AMP0322.................................................................................. 131
   AMP0323.................................................................................. 132
   AMP400.................................................................................... 132
   AMP401.................................................................................... 133
   AMP402.................................................................................... 133
   AMP403.................................................................................... 134
   AMP404.................................................................................... 135
   AMP405.................................................................................... 135

2 ASR Event Messages................................................................. 137
   ASR0000.................................................................................. 137
   ASR0001.................................................................................. 137
   ASR0002.................................................................................. 138
   ASR0003.................................................................................. 138
   ASR0008.................................................................................. 139
3 BAR Event Messages......................................................... 149
  BAR001.............................................................................. 149
  BAR002.............................................................................. 149
  BAR003.............................................................................. 150
  BAR004.............................................................................. 150
  BAR005.............................................................................. 151
  BAR006.............................................................................. 151
  BAR007.............................................................................. 152
  BAR008.............................................................................. 152
  BAR009.............................................................................. 153
  BAR010.............................................................................. 153
  BAR011.............................................................................. 154
  BAR012.............................................................................. 155
  BAR013.............................................................................. 155
  BAR014.............................................................................. 156
  BAR015.............................................................................. 156
  BAR016.............................................................................. 157
  BAR017.............................................................................. 157
  BAR018.............................................................................. 158
  BAR019.............................................................................. 158
  BAR020.............................................................................. 159
  BAR021.............................................................................. 159
  BAR022.............................................................................. 160
  BAR023.............................................................................. 160
  BAR024.............................................................................. 161
  BAR025.............................................................................. 161
<table>
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</table>
4 BAT Event Messages

BAT0000 .................................................. 214
BAT0001 .................................................. 214
BAT0002 .................................................. 215
BAT0003 .................................................. 216
BAT0004 .................................................. 216
BAT0005 .................................................. 217
BAT0006 .................................................. 217
BAT0007 .................................................. 218
BAT0008 .................................................. 219
BAT0009 .................................................. 219
BAT0010 .................................................. 220
BAT0011 .................................................. 220
BAT0012 .................................................. 221
BAT0013 .................................................. 222
BAT0014 .................................................. 222
BAT0015 .................................................. 223
BAT0016 .................................................. 223
BAT0017 .................................................. 224
BAT0018 .................................................. 225
BAT0019 .................................................. 225
BAT0030 .................................................. 226
BAT0031 .................................................. 226
BAT1000 .................................................. 227
BAT1001 .................................................. 228
BAT1002 .................................................. 228
BAT1003 .................................................. 229
BAT1004 .................................................. 230
BAT1005 .................................................. 230
BAT1006 .................................................. 231
BAT1007 .................................................. 232
BAT1008 .................................................. 232
BAT1009 .................................................. 233
5 BIOS Event Messages ........................................................................................................... 253

BIOS0001 .............................................................................................................................. 253
BIOS001 ................................................................................................................................. 253
BIOS002 .................................................................................................................................. 254
BIOS003 .................................................................................................................................. 254
BIOS004 .................................................................................................................................. 255
BIOS005 .................................................................................................................................. 255
BIOS006 .................................................................................................................................. 256
BIOS007 .................................................................................................................................. 256
BIOS008 .................................................................................................................................. 257
BIOS009 .................................................................................................................................. 258
BIOS010 .................................................................................................................................. 258
BIOS011 .................................................................................................................................. 259
| BIOS012 | .......................................................... | 259 |
| BIOS013 | .......................................................... | 260 |
| BIOS014 | .......................................................... | 260 |
| BIOS015 | .......................................................... | 261 |
| BIOS016 | .......................................................... | 262 |
| BIOS017 | .......................................................... | 262 |
| BIOS018 | .......................................................... | 263 |
| BIOS021 | .......................................................... | 263 |
| BIOS022 | .......................................................... | 263 |
| BIOS023 | .......................................................... | 264 |
| BIOS024 | .......................................................... | 264 |
| BIOS025 | .......................................................... | 264 |
| BIOS026 | .......................................................... | 265 |
| BIOS027 | .......................................................... | 265 |
| BIOS028 | .......................................................... | 266 |
| BIOS029 | .......................................................... | 266 |
| BIOS030 | .......................................................... | 266 |
| BIOS101 | .......................................................... | 267 |
| BIOS102 | .......................................................... | 267 |
| BIOS103 | .......................................................... | 268 |

6 BOOT Event Messages............................................................... 269

| BOOT001 | .......................................................... | 269 |
| BOOT002 | .......................................................... | 269 |
| BOOT003 | .......................................................... | 269 |
| BOOT004 | .......................................................... | 270 |
| BOOT005 | .......................................................... | 270 |
| BOOT006 | .......................................................... | 270 |
| BOOT007 | .......................................................... | 271 |
| BOOT008 | .......................................................... | 271 |
| BOOT009 | .......................................................... | 271 |
| BOOT010 | .......................................................... | 272 |
| BOOT011 | .......................................................... | 272 |
| BOOT012 | .......................................................... | 272 |
| BOOT013 | .......................................................... | 273 |
| BOOT014 | .......................................................... | 273 |
| BOOT015 | .......................................................... | 273 |
| BOOT016 | .......................................................... | 274 |
| BOOT017 | .......................................................... | 274 |
| BOOT018 | .......................................................... | 274 |
| BOOT8500 | .......................................................... | 275 |
7 CBL Event Messages.................................................................276
  CBL0001..............................................................................276
  CBL0002..............................................................................276
  CBL0003..............................................................................277
  CBL0004..............................................................................277
  CBL0005..............................................................................278
  CBL0006..............................................................................279
  CBL0007..............................................................................279
  CBL0008..............................................................................280
  CBL8500..............................................................................280
  CBL8501..............................................................................281

8 CMC Event Messages..............................................................282
  CMC001.................................................................................282
  CMC002.................................................................................282
  CMC003.................................................................................282
  CMC004.................................................................................283
  CMC005.................................................................................283
  CMC401.................................................................................283
  CMC8501..............................................................................284
  CMC8502..............................................................................285
  CMC8503..............................................................................285
  CMC8504..............................................................................286
  CMC8505..............................................................................286
  CMC8506..............................................................................287
  CMC8507..............................................................................288
  CMC8508..............................................................................288
  CMC8509..............................................................................289
  CMC8510..............................................................................289
  CMC8511..............................................................................290
  CMC8512..............................................................................291
  CMC8513..............................................................................291
  CMC8514..............................................................................292
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9 CPU Event Messages

CPU0000..........................328
CPU0001..........................328
CPU0002..........................329
CPU0003..........................330
CPU0004..........................330
CPU0005..........................331
CPU0006..........................332
CPU0007..........................332
CPU0008..........................333
CPU0009..........................334
CPU0010..........................334
CPU0011..........................335
CPU0012..........................336
CPU0016..........................336
CPU0021..........................337
CPU0024..........................338
CPU0025..........................338
CPU0700..........................339
CPU0701..........................339
CPU0702..........................340
CPU0703..........................341
CPU0704..........................341
CPU0800..........................342
CPU0801..........................343
CPU0802..........................343
CPU0803..........................344
CPU0804..........................344
CPU0805..........................345
CPU0806..........................346
CPU0816..........................346
10 CPUA Event Messages ......................................................... 351
  CPUA0023 ................................................................. 351

11 CTL Event Messages ......................................................... 352
  CTL1 ................................................................. 352
  CTL10 ............................................................... 352
  CTL100 .............................................................. 353
  CTL101 ............................................................... 354
  CTL102 ............................................................... 354
  CTL103 ............................................................... 355
  CTL104 ............................................................... 355
  CTL105 ............................................................... 356
  CTL106 ............................................................... 357
  CTL107 ............................................................... 357
  CTL108 ............................................................... 358
  CTL109 ............................................................... 358
  CTL11 ................................................................. 359
  CTL110 ............................................................... 360
  CTL111 ............................................................... 360
  CTL112 ............................................................... 361
  CTL113 ............................................................... 361
  CTL114 ............................................................... 362
  CTL12 ................................................................. 363
  CTL13 ................................................................. 363
  CTL14 ................................................................. 364
  CTL16 ................................................................. 365
  CTL17 ................................................................. 365
  CTL18 ................................................................. 366
  CTL19 ................................................................. 367
  CTL2 ................................................................. 367
  CTL20 ................................................................. 368
  CTL200 ............................................................... 369
  CTL201 ............................................................... 369
  CTL202 ............................................................... 370
  CTL203 ............................................................... 371
  CTL204 ............................................................... 371
CTL46........................................................................................................399
CTL47........................................................................................................400
CTL48........................................................................................................401
CTL49........................................................................................................401
CTL5...........................................................................................................402
CTL50........................................................................................................403
CTL51........................................................................................................403
CTL52........................................................................................................404
CTL53........................................................................................................405
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CTL56........................................................................................................407
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CTL58........................................................................................................408
CTL59........................................................................................................409
CTL6...........................................................................................................409
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CTL67........................................................................................................415
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CTL7...........................................................................................................417
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CTL71........................................................................................................418
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CTL75........................................................................................................421
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CTL78........................................................................................................423
CTL79........................................................................................................423
CTL8...........................................................................................................424
CTL80........................................................................................................424
CTL81........................................................................................................425
CTL82........................................................................................................426
CTL83........................................................................................................426
12 DH Event Messages.................................................................................. 438
   DH001......................................................................................... 438
   DH002......................................................................................... 438
   DH003......................................................................................... 438
   DH004......................................................................................... 439
   DH005......................................................................................... 439
   DH006......................................................................................... 439
   DH007......................................................................................... 440
   DH008......................................................................................... 440
   DH009......................................................................................... 440
   DH010......................................................................................... 441

13 DIAG Event Messages............................................................................. 442
   DIAG0000.................................................................................... 442
   DIAG0111.................................................................................... 442
   DIAG0112.................................................................................... 443
   DIAG0114.................................................................................... 443
   DIAG0115.................................................................................... 444
   DIAG0121.................................................................................... 444
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   DIAG0124.................................................................................... 445
   DIAG0125.................................................................................... 446
   DIAG0126.................................................................................... 447
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### 14 DIS Event Messages

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15 DKM Event Messages .................................................. 513
  DKM1000 ............................................................... 513
  DKM1001 ............................................................... 513
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FLDC1037................................................................. 609
FLDC1038................................................................. 610
FLDC1039................................................................. 610

22 FSD Event Messages.........................................................612
FSD000................................................................. 612
FSD001................................................................. 612
FSD002................................................................. 613

23 HWC Event Messages.........................................................615
HWC0001................................................................. 615
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HWC0003................................................................. 616
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IOD006................................................................. 694
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25 IOV Event Messages

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LC062 .......................................................... 783
LC063 .......................................................... 783
LC064 .......................................................... 783
LC065 .......................................................... 784
30 LIC Event Messages

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LC067..........................................................................................................................784
LC068..........................................................................................................................784
LC069..........................................................................................................................785
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LC072..........................................................................................................................786
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LC081..........................................................................................................................789
LC082..........................................................................................................................789
LC083..........................................................................................................................790

30 LIC Event Messages.................................................................................................791

LIC000.........................................................................................................................791
LIC001.........................................................................................................................791
LIC002.........................................................................................................................791
LIC003.........................................................................................................................792
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LIC018.........................................................................................................................797
LIC019.........................................................................................................................797
LIC020.........................................................................................................................798
LIC021.........................................................................................................................798
31 LNK Event Messages ................................................................. 811
   LNK0001 ........................................................................... 811
   LNK0002 ........................................................................... 811
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   LNK8500 ........................................................................... 815
   LNK8501 ........................................................................... 815

32 LOG Event Messages ................................................................. 817
   LOG001 ........................................................................... 817
   LOG002 ........................................................................... 817
   LOG003 ........................................................................... 817
33 MEM Event Messages ................................................................. 833

MEM0000 ...................................................................................... 833
MEM0001 ...................................................................................... 833
MEM0002 ...................................................................................... 834
MEM0003 ...................................................................................... 835
MEM0004 ...................................................................................... 835
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MEM1210 ................................................................. 862
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MEM1214 ................................................................. 863
MEM6000 ................................................................. 863
MEM6001 ................................................................. 864
MEM6002 ................................................................. 865
MEM6003 ................................................................. 865
MEM6004 ................................................................. 866
MEM6005 ................................................................. 867
MEM7000 ................................................................. 867
MEM7002 ................................................................. 868
MEM8000 ................................................................. 868
MEM8001 ................................................................. 869
MEM8500 ................................................................. 870
MEM8501 ................................................................. 870
MEM8502 ................................................................. 871
MEM9000 ................................................................. 871
MEM9001 ................................................................. 872
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MEM9003 ................................................................. 873
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MEM9016 ................................................................. 881

34 NIC Event Messages ................................................................. 883
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35 OSD Event Messages................................................................. 898
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OSE1011 ................................................................. 936
OSE1012 ................................................................. 936
OSE1013 ................................................................. 937

37 PCI Event Messages ................................................................. 938
PCI1300 ................................................................. 938
PCI1302 ................................................................. 938
PCI1304 ................................................................. 939
PCI1306 ................................................................. 939
PCI1308 ................................................................. 940
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PCI1312 ................................................................. 941
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PCI1348 ................................................................. 948
PCI1350 ................................................................. 949
PCI1354 ................................................................. 949
PCI1356 ................................................................. 950
PCI1358 ................................................................. 950
PCI1360 ................................................................. 951
PCI1362 ................................................................. 952
PCI2000 ................................................................. 952
PCI2001 ................................................................. 953
PCI2002 ................................................................. 953
38 PDR Event Messages

PDR1 ................................................................. 974
PDR10 .............................................................. 974
PDR100 ............................................................. 975
PDR1000 .......................................................... 976
PDR1001 .......................................................... 976
PDR1002 .......................................................... 977
PDR1003 .......................................................... 977
PDR1004 .......................................................... 978
PDR1005 .......................................................... 979
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| PDR105  | 989 |
| PDR106  | 990 |
| PDR107  | 991 |
| PDR11   | 991 |
| PDR110  | 992 |
| PDR1100 | 993 |
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49 RFL Event Messages........................................1655
RFL200.................................................................1655
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54 SEC Event Messages

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SEC0003.................................................................1681
SEC0004.................................................................1682
SEC0005.................................................................1682
SEC0006.................................................................1683
SEC0016.................................................................1683
SEC0017.................................................................1684
SEC0018.................................................................1685
SEC0019.................................................................1685
SEC0020.................................................................1686
SEC0021.................................................................1686
SEC0022.................................................................1687
SEC0031.................................................................1687
SEC0032.................................................................1688
SEC0033.................................................................1688
SEC0034.................................................................1689
SEC0040.................................................................1690
SEC0041.................................................................1690
SEC0042.................................................................1691
SEC0043.................................................................1691
SEC0044.................................................................1692
SEC0045.................................................................1693
SEC0051.................................................................1693
SEC0052.................................................................1694
SEC0100.................................................................1694
SEC0101.................................................................1695
SEC0102.................................................................1696
SEC0600.................................................................1696
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SEC0602.................................................................1697
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| SSD1012                     | 1743 |

57 STOR Event Messages .............................................................1744
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| STOR004                     | 1744 |
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STOR9................................................................................................................ 1813

58 SUP Event Messages....................................................................................... 1814
SUP001.............................................................................................................. 1814
SUP002.............................................................................................................. 1814
SUP003.............................................................................................................. 1814
SUP005.............................................................................................................. 1815
SUP006.............................................................................................................. 1815
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AMP Event Messages

AMP0300

Message
The system board arg1 current is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 2 (Warning)

Trap/EventID
2178

Redfish Event Type
Alert

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AMP0301

Message
The system board arg1 current is less than the lower critical threshold.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)
AMP0302

Message: The system board arg1 current is greater than the upper warning threshold.

Arguments: arg1 = name

Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.

Category: System Health (AMP = Amperage)

Severity: Severity 2 (Warning)
AMP0303

Message
The system board arg1 current is greater than the upper critical threshold.

Arguments
arg1 = name

Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

Trap/EventID
2177

LCD Message
System board <name> current is outside of range. Contact Support

Redfish Event Type
Alert

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AMP0304

Message
The system board arg1 current is outside of range.

Arguments
arg1 = name

Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

Trap/EventID
2177

LCD Message
System board <name> current is outside of range. Contact Support
AMP0305

Message  The system board arg1 current is within range.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (AMP = Amperage)
Severity  Severity 3 (Informational)
Trap/EventID  2179

AMP0306

Message  Disk drive bay arg1 current is less than the lower warning threshold.
Arguments  arg1 = name
**AMP0307**

**Message**
Disk drive bay arg1 current is less than the lower critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2178

**Redfish Event Type**
Alert

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### Filter Visibility

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<th>IPMI Alert</th>
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### LC Log

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<th>LCD</th>
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<th>Power Off</th>
<th>Power Cycle</th>
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122
AMP0308

Message  
Disk drive bay arg1 current is greater than the upper warning threshold.

Arguments  
arg1 = name

Detailed Description  
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action  
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category  
System Health (AMP = Amperage)

Severity  
Severity 2 (Warning)

Trap/EventID  
2178

Redfish Event Type  
Alert

Filter Visibility  
IPMI Alert  
SNMP Alert  
Email Alert  
Remote System Log  
WS Eventing  
Redfish Eventing

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✔  ✔*  ✔  ✔  ✔  ✔  ✔

CMC  
✔  ✔*  ✔*  ✔*  ✔*  ✔  ✔

AMP0309

Message  
Disk drive bay arg1 current is greater than the upper critical threshold.

Arguments  
arg1 = name

Detailed Description  
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action  
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category  
System Health (AMP = Amperage)

Severity  
Severity 1 (Critical)
**AMP0310**

**Message**
Disk drive bay `arg1` current is outside of range.

**Arguments**
`arg1 = name`

**Detailed Description**
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

**Recommended Response Action**
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2177

**LCD Message**
Disk drive bay `<name>` current is outside of range. Contact Support

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124
### AMP0311

**Message**  
Disk drive bay arg1 current is within range.

**Arguments**  
arg1 = name

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (AMP = Amperage)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2179

**Redfish Event Type**  
Alert

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### AMP0312

**Message**  
System level current is less than the lower warning threshold.

**Detailed Description**  
None

**Recommended Response Action**  
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**  
System Health (AMP = Amperage)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2178

**Redfish Event Type**  
Alert

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AMP0313

Message: System level current is less than the lower critical threshold.
Detailed Description: None
Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.
Category: System Health (AMP = Amperage)
Severity: Severity 1 (Critical)
Trap/EventID: 2177
LCD Message: System level current is outside of range. Contact Support
Redfish Event Type: Alert

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</table>

AMP0314

Message: System level current is greater than the upper warning threshold.
Detailed Description: Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.
Recommended Response Action: Review system power policy, check system logs for power related failures, and review system configuration changes.
Category: System Health (AMP = Amperage)
Severity: Severity 2 (Warning)
Trap/EventID: 2178
**AMP0315**

**Message**  
System level current is greater than the upper critical threshold.

**Detailed Description**  
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

**Recommended Response Action**  
Review system power policy, check system logs for power related failures, and review system configuration changes.

**Category**  
System Health (AMP = Amperage)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2177

**LCD Message**  
System level current is outside of range. Contact Support

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**AMP0316**

**Message**  
System level current is outside of range.
Detailed Description
Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action
Review system power policy, check system logs for power related failures, and review system configuration changes.

Category
System Health (AMP = Amperage)

Severity
Severity 1 (Critical)

Trap/EventID
2177

LCD Message
System level current is outside of range. Contact Support

Redfish Event Type
Alert

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</table>

iDRAC

CMC

AMP0317

Message
System level current is within range.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (AMP = Amperage)

Severity
Severity 3 (Informational)

Trap/EventID
2179

Redfish Event Type
Alert

<table>
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</table>
AMP0318

Message Chassis power level current is less than the lower warning threshold.

Detailed Description None

Recommended Response Action Review system power policy, check system logs for power related failures, and review system configuration changes

Category System Health (AMP = Amperage)

Severity Severity 2 (Warning)

Trap/EventID 2178

Redfish Event Type Alert

<table>
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AMP0319

Message Chassis power level current is less than the lower critical threshold.

Detailed Description None

Recommended Response Action Review system power policy, check system logs for power related failures, and review system configuration changes

Category System Health (AMP = Amperage)

Severity Severity 1 (Critical)

Trap/EventID 2177

Redfish Event Type Alert
AMP0320

Message  Chassis power level current is greater than the upper warning threshold.

Detailed Description  Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action  Review system power policy, check system logs for power related failures, and review system configuration changes.

Category  System Health (AMP = Amperage)

Severity  Severity 2 (Warning)

Trap/EventID  2178

Redfish Event Type  Alert

AMP0321

Message  Chassis power level current is greater than the upper critical threshold.

Detailed Description  Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Recommended Response Action  Review system power policy, check system logs for power related failures, and review system configuration changes.
Chassis power level current is outside of range.

Product documentation contains information on correct configuration. The failure could also be caused by a faulty component or related cabling. System performance may be degraded.

Review system power policy, check system logs for power related failures, and review system configuration changes.
AMP0323

Message: Chassis power level current is within range.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (AMP = Amperage)

Severity: Severity 3 (Informational)

Trap/EventID: 2179

Redfish Event Type: Alert

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AMP400

Message: The arg1 sensor has failed, and the last recorded value by the sensor was arg2 A.

Arguments: arg1 = sensor name, arg2 = current

Detailed Description: The current sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action: Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

Category: System Health (AMP = Amperage)

Severity: Severity 1 (Critical)

OMSA Event ID: 5200

Redfish Event Type: Alert
AMP401

Message  Unable to read the arg1 sensor value.
Arguments  arg1 = sensor name
Detailed Description  The current sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.
Recommended Response Action  Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.
Category  System Health (AMP = Amperage)
Severity  Severity 2 (Warning)
OMSA Event ID  5201
Redfish Event Type  Alert

AMP402

Message  The arg1 sensor returned to a normal state with a value of arg2 A.
Arguments  arg1 = sensor name, arg2 = current
The current sensor identified in the message has returned to a normal state.

No response action is required.

System Health (AMP = Amperage)

Severity 3 (Informational)

OMSA Event ID 5202

OMSA Trap ID 5202

Alert

Filter
Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC

AMP403

The arg1 sensor state has changed to a warning state with a value of arg2 A.

arg1 = sensor name, arg2 = current

The current sensor identified in the message is faulty or the current drawn by the system exceeds the warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider. Otherwise, change the warning threshold for the current sensor such that it corresponds to the hardware configuration.

System Health (AMP = Amperage)

Severity 2 (Warning)

OMSA Event ID 5203

OMSA Trap ID 5203

Alert
### AMP404

**Message**
The arg1 sensor detected an error with a value of arg2 A.

**Arguments**
arg1 = sensor name, arg2 = current

**Detailed Description**
The current sensor identified in the message is faulty or the current drawn by the system exceed the critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Review system power policy, check system logs for power related failures, and review system configuration changes. For more information, contact your service provider.

**Category**
System Health (AMP = Amperage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5204

**OMSA Trap ID**
5204

**Redfish Event Type**
Alert

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### AMP405

**Message**
The arg1 sensor state has changed to a failed state with a value of arg2 A.

**Arguments**
arg1 = sensor name, arg2 = current
Detailed Description: The current sensor identified in the message may be faulty. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action: Check the Embedded System Management (ESM) Log for any sensor related faults. If there is a faulty sensor, replace the system board. For more information, contact your service provider.

Category: System Health (AMP = Amperage)
Severity: Severity 1 (Critical)
OMSA Event ID: 5205
OMSA Trap ID: 5205
Redfish Event Type: Alert

<table>
<thead>
<tr>
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ASR Event Messages

**ASR0000**

<table>
<thead>
<tr>
<th>Message</th>
<th>The watchdog timer expired.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operating system or potentially an application failed to communicate to the baseboard management controller (BMC) within the timeout period.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the operating system, application, hardware, and system event log for exception events.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (ASR = Auto Sys Reset)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>2233</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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**ASR0001**

<table>
<thead>
<tr>
<th>Message</th>
<th>The watchdog timer reset the system.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operating system or an application failed to communicate to the baseboard management controller (BMC) within the timeout period. The system was reset per the configured setting.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the operating system, application, hardware, and system event log for exception events.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (ASR = Auto Sys Reset)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>2233</td>
</tr>
</tbody>
</table>
ASR0002

Message
The watchdog timer powered off the system.

Detailed Description
The operating system or an application failed to communicate to the baseboard management controller (BMC). The system powered off per the configured setting.

Recommended Response Action
Check the operating system, application, hardware, and system event log for exception events.

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

Trap/EventID
2233

ASR0003

Message
The watchdog timer power cycled the system.

Detailed Description
The operating system or an application failed to communicate to the baseboard management controller (BMC). The system powered cycled per the configured setting.
**Recommended Response Action**: Check the operating system, application, hardware, and system event log for exception events.

**Category**: System Health (ASR = Auto Sys Reset)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2233

**Redfish Event Type**: Alert

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**ASR0008**

**Message**: The watchdog timer interrupt was initiated.

**Detailed Description**: The operating system or an application failed to communicate to the baseboard management controller (BMC) within the timeout period. The BMC invoked a system interrupt. (IPMI sensor type code 23h - offset 00h)

**Recommended Response Action**: Check the operating system, application, hardware, and system event log for exception events.

**Category**: System Health (ASR = Auto Sys Reset)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2233

**Redfish Event Type**: Alert

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## ASR0009

**Message**  
The system returned from a watchdog timer event.

**Detailed Description**  
The system is communicating to the baseboard management controller (BMC).

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (ASR = Auto Sys Reset)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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## ASR0100

**Message**  
The BIOS watchdog timer reset the system.

**Detailed Description**  
The operating system or an application failed to communicate to the system board within the timeout period. The system was reset per the configured setting. (IPMI sensor type code 23h offset 01h event 3:0 - 2h)

**Recommended Response Action**  
Check the operating system, application, hardware, and system event log for exception events.

**Category**  
System Health (ASR = Auto Sys Reset)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2233

**Redfish Event Type**  
Alert

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</table>
The OS watchdog timer reset the system.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. System was reset. (IPMI sensor type code 23h offset 01 - event 3:0 - 3h if booting 4h if running)

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert

---

The OS watchdog timer shutdown the system.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. The system was shutdown. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h)

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert
ASR0103

Message The OS watchdog timer powered down the system.
Detailed Description The operating system or an application failed to communicate within the timeout period. The system was powered down. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h)
Recommended Response Action Check the operating system, application, hardware, and system event log for exception events.
Category System Health (ASR = Auto Sys Reset)
Severity Severity 1 (Critical)
Trap/EventID 2233
Redfish Event Type Alert

ASR0104

Message The OS watchdog timer powered cycle the system.
Detailed Description The operating system or an application failed to communicate within the timeout period. The system was powered cycled. (IPMI sensor 23h offset - 03h event 3:0 - 4h)
Recommended Response Action Check the operating system, application, hardware, and system event log for exception events.
**Category** System Health (ASR = Auto Sys Reset)
**Severity** Severity 1 (Critical)
**Trap/EventID** 2233
**Redfish Event Type** Alert

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**ASR0105**

**Message** The OS watchdog timer powered off the system.
**Detailed Description** The operating system or an application failed to failed to communicate within the timeout period. The system was powered off. (IPMI sensor type code 23h offset - 02h event 3:0 - 4h)
**Recommended Response Action** Check the operating system, application, hardware, and system event log for exception events.
**Category** System Health (ASR = Auto Sys Reset)
**Severity** Severity 1 (Critical)
**Trap/EventID** 2233
**Redfish Event Type** Alert

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</table>
**ASR0106**

**Message**
The OS watchdog timer expired.

**Detailed Description**
The operating system or an application failed to communicate within the timeout period. No action was taken. (IPMI sensor type code 23h - offset 00h event 3:0 - 4h)

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
Alert

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**ASR0107**

**Message**
The OS watchdog timer pre-timeout interrupt was initiated.

**Detailed Description**
The operating system or an application failed to respond to a pre-notification within the timeout period. (IPMI sensor type code 11h - offset 07h)

**Recommended Response Action**
Check the operating system, application, hardware, and system event log for exception events.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2233

**Redfish Event Type**
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### ASR0108

**Message**
The system returned from an OS watchdog timer event.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### ASR200

**Message**
The watchdog timer expired at \( arg1 \).

**Arguments**
\( arg1 = \text{day month date hh:mm:ss yyyy} \)

**Detailed Description**
The watchdog timer has expired at the date and time identified in the message, because iDRAC did not receive a response within the specified time.

**Recommended Response Action**
To determine the correct cause of the exception, contact your service provider.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5006

**OMSA Trap ID**
5006

**Redfish Event Type**
Alert
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### ASR201

**Message**

The watchdog timer restarted the system at `arg1`.

**Arguments**

`arg1 = day month date hh:mm:ss yyyy`

**Detailed Description**

The watchdog timer has restarted the system at the date and time identified in the message, because the operating system has crashed or hung.

**Recommended Response Action**

To determine the correct cause of the exception, contact your service provider

**Category**

System Health (ASR = Auto Sys Reset)

**Severity**

Severity 1 (Critical)

**OMSA Event ID**

5006

**Redfish Event Type**

Alert

### ASR202

**Message**

The watchdog timer turned off the system at `arg1`.

**Arguments**

`arg1 = day month date hh:mm:ss yyyy`

**Detailed Description**

The watchdog timer has turned off the system after the specified time at the date and time identified in the message, because the operating system has crashed or hung.
Recommended Response Action
To determine the correct cause of the exception, contact your service provider

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

OMSA Event ID
5006

Redfish Event Type
Alert

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ASR203

Message
The watchdog timer performed an AC power cycle on the system at \textit{arg1}.

Arguments
\textit{arg1} = day month date hh:mm:ss yyyy

Detailed Description
The watchdog timer has performed an AC power cycle on the system after the specified time at the date and time identified in the message, because the operating system has crashed or hung.

Recommended Response Action
To determine the correct cause of the exception, contact your service provider

Category
System Health (ASR = Auto Sys Reset)

Severity
Severity 1 (Critical)

OMSA Event ID
5006

Redfish Event Type
Alert

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**ASR8500**

**Message**
Watchdog timer is disabled.

**Detailed Description**
Watchdog timer is disabled. The watchdog timer is an internal mechanism used to monitor the health of the Chassis Management Controller. The watchdog timer could be disabled as part of a troubleshooting operation and can be enabled by restarting the Chassis Management Controller.

**Recommended Response Action**
No response action required.

**Category**
System Health (ASR = Auto Sys Reset)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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BAR Event Messages

BAR001

Message: Export System Profile requested.
Detailed Description: A system profile export operation has been requested.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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BAR002

Message: Validating vFlash Backup partition.
Detailed Description: The system profile Backup partition detection operation is in progress.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
BAR003

Message: Preparing vFlash Backup partition.
Detailed Description: The Backup partition is being created for storing the backup file.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR004

Message: Collecting Hardware Inventory information.
Detailed Description: Hardware Inventory data is being collected and copied into the backup file.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
BAR005

Message: Collecting Lifecycle Controller data.
Detailed Description: The Lifecycle Controller data is being collected and copied into the backup file.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR006

Detailed Description: The system profile backup file is being finalized and closed.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity 3 (Informational)

**BAR007**

**Message**
Export System Profile completed.

**Detailed Description**
System profile export operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**BAR008**

**Message**
Invalid Backup file passphrase provided.

**Detailed Description**
The passphrase provided is invalid.
**Recommended Response Action**
Verify the request parameters and retry. Check passphrase for rule validity. NOTE: A valid passphrase contains 8 to 32 characters. It must include a combination of uppercase and lowercase letters, numbers, and symbols without spaces.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### BAR009

**Message**
Valid vFlash media not present.

**Detailed Description**
The vFlash media is not present on the system.

**Recommended Response Action**
Insert the appropriate vFlash media in the designated vFlash portal, enable and initialize it, and retry.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### BAR010

**Message**
Unable to create Backup partition on vFlash media.
The Backup partition creation operation did not complete successfully.

Make sure that the vFlash media is not write-protected. Enable and initialize the vFlash media, retry backup. If that fails try new vFlash media or use the Network Share option(s).

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

Alert

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BAR011

Unable to collect Hardware Inventory information.

Hardware Inventory data collection and export did not complete successfully.

Enter system services to enter Unified Server Configurator (USC), and select exit and reboot option in USC to instantiate the database, if Collect System Inventory on Restart (CSIOR) is not enabled. If the hardware inventory database is present, restart the Integrated Remote Access Controller (iDRAC) and retry.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

Alert

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154
BAR012

**Message**
Unable to collect Lifecycle Controller data.

**Detailed Description**
Lifecycle Controller data collection and export has failed.

**Recommended Response Action**
Do the following: 1) Download and apply the Dell Update Package (DUP) for USC. 2) Run System Services to update the database if CSIOR is not enabled. 3) Reboot the system and retry. If the issue persists after performing these operations, download the Field Service Repair software and repair the Lifecycle Controller. Download and install all the DUPs for USC, diagnostics, driver packs, and device firmware of all the devices of the host system.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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BAR013

**Message**
Host System Shutdown unsuccessful.

**Detailed Description**
The request to shut the Host system down did not complete successfully.

**Recommended Response Action**
Restart the Integrated Remote Access Controller (iDRAC) and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### BAR014

**Message**
Backup file or partition access error.

**Detailed Description**
Unable to access the server profile Backup file and the operation cannot continue. This can be due to a media error or loss of connectivity.

**Recommended Response Action**
If using vFlash media replace media and try again. If a network share, make sure there is connectivity to and existence of the destination.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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### BAR015

**Message**
Backup file data processing error.

**Detailed Description**
The Backup file information was not properly processed and the operation cannot continue. This can be due to resource constraints within the processing environment. If the network share is read only, this error will be thrown also.

**Recommended Response Action**
If this is backup to network share, check to make sure network share is read/write accessible. Restart the Integrated Remote Access Controller (iDRAC) and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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BAR016

Message: Import System Profile requested.
Detailed Description: A system profile import operation has been requested.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR017

Message: Backup file validation requested.
Detailed Description: A system profile backup file validation has been requested.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
BAR018

Message
Backup file validation completed.

Detailed Description
A system profile backup file validation request has completed.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR019

Message
Validating Restore operation, allow several minutes for this to complete.

Detailed Description
A system profile backup file validation is in progress.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)
BAR020

Message
Restoring Lifecycle Controller data.

Detailed Description
The Lifecycle Controller data is being imported from the backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR021

Message
Insufficient space on network share.

Detailed Description
The system profile export could not complete successfully as there is insufficient space on the network share or connectivity was lost.

Recommended Response Action
> Delete files to free up 384 MB of space on the current network share, or specify another destination that has enough space.
BAR022

Message
System powering up to perform component updates.

Detailed Description
The host system is powering up to perform component firmware and configuration restoration.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

BAR023

Message
Starting component updates.

Detailed Description
The process is entering the component update phase of the restore operation.
**BAR024**

*Message*  
Initializing Restore operation.

*Detailed Description*  
The restoration environment is being initialized.

*Recommended Response Action*  
No response action is required.

*Category*  
Configuration (BAR = Backup/Restore)

*Severity*  
Severity 3 (Informational)

*Redfish Event Type*  
Alert

---

**BAR025**

*Message*  
Restoring Component Firmware.
### Detailed Description
For each component with firmware, an update is in progress.

### Recommended Response Action
No response action is required.

### Category
Configuration (BAR = Backup/Restore)

### Severity
Severity 3 (Informational)

### Redfish Event Type
Alert

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### BAR026

**Message**
Restoring Component Configuration.

**Detailed Description**
The configuration is being set for each component.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
BAR027

**Message**
Host System Component Restore complete, shutting down Host System.

**Detailed Description**
The component restoration on the host system is complete. The Host System will shutdown.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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BAR028

**Message**
Host System Component Restore completed with errors, shutting down Host System.

**Detailed Description**
The component restoration on the host system has completed, but there were errors. The Host System will shutdown.

**Recommended Response Action**
View configuration data and request attributes update for the components or retry system profile import.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
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BAR029

Message
Restoring Integrated Remote Access Controller firmware.

Detailed Description
The Integrated Remote Access Controller firmware and configuration import is in progress.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR030

Message
Import System Profile Complete, restarting Integrated Remote Access Controller.

Detailed Description
The import system profile is complete. iDRAC restarts to complete restore.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
BAR031

Message: RESERVED
Detailed Description: RESERVED
Recommended Response Action: RESERVED
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR032

Message: Invalid system profile Backup file.
Detailed Description: The system profile backup file validation did not complete successfully.
Recommended Response Action: Do one of the following: 1) An incorrect passphrase may have been entered, correct the input and retry the operation. 2) Download a valid backup image of the host system and retry. 3) Reboot the Integrated Remote Access Controller (iDRAC) and retry. 4) Download a new firmware image for the iDRAC and retry.
Category: Configuration (BAR = Backup/Restore)
BAR033

Message
Unable to Restore Lifecycle Controller data.

Detailed Description
A Lifecycle Controller internal data import operation did not complete successfully.

Recommended Response Action
Do the following: 1) Download and apply the Dell Update Package for the Unified Server Configurator (USC). 2) Run System Services to update the database if CSIOR is not enabled. 3) Reboot the system and retry the operation. If these response actions do not resolve the issue, download the Field Service Repair software and repair the Lifecycle Controller. Download and install all the DUPs for USC, diagnostics, driver packs, and device firmware of all the devices of the host system.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

BAR034

Message
Unable to Restore Integrated Remote Access Controller firmware.
The Integrated Remote Access Controller (iDRAC) firmware import did not complete successfully.

Download the firmware for the Integrated Remote Access Controller (iDRAC) and apply it.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

Download the firmware for the Integrated Remote Access Controller (iDRAC) and apply it.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

Unable to Restore Integrated Remote Access Controller configuration.

The Integrated Remote Access Controller (iDRAC) Configuration import did not complete successfully.

Manually reset the Integrated Remote Access Controller (iDRAC) configuration.
BAR036

**Message**
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery initiated.

**Detailed Description**
A system profile import did not complete successfully and has left the system in an unusable state. Attempting to setup the environment for normal operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

BAR037

**Message**
System Reset or Lifecycle Controller Actions Canceled, System Profile Failure Recovery completed.

**Detailed Description**
Adjustments to Lifecycle and Integrated Remote Access Controller environments are complete.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
BAR038

Message: Cancel.
Detailed Description: Cancel the operation in progress.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR039

Message: License not present.
Detailed Description: The license required for operation is not present.
Recommended Response Action: Use supported vFlash media and licensing for this feature, and try the operation again.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
BAR040

**Message**
Unable to access vFlash.

**Detailed Description**
Access to the vFlash media is not possible, or has been denied.

**Recommended Response Action**
Make sure the vFlash SD media is enabled, not write protected, and initialized. Retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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BAR041

**Message**
System Shutdown.

**Detailed Description**
Shutting down host system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)
**BAR042**

**Message**
Lifecycle Controller Disabled.

**Detailed Description**
Lifecycle Controller/System services are not available. There is another operation using the resources at this time.

**Recommended Response Action**
Wait for the other operation to release the resources, as indicated by the System Services option presence and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**BAR043**

**Message**
Timeout waiting for Unified Server Configurator to exit.

**Detailed Description**
A timeout occurred waiting for the Unified Server Configurator (USC) to exit.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)
**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**BAR044**

**Message**  Waiting for the host system to successfully get turned off.

**Detailed Description**  Waiting for the host system to successfully get turned off.

**Recommended Response Action**  No response action is required.

**Category**  Configuration (BAR = Backup/Restore)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**BAR045**

**Message**  Powering down the Host System for Integrated Remote Access Controller Restore.

**Detailed Description**  The host system is powering down to facilitate the import of the Integrated Remote Access Controller system profile.

**Recommended Response Action**  No response action is required.
BAR046

Message
Host System will power up approximately 10 minutes after Integrated Remote Access Controller Restore (iDRAC).

Detailed Description
The Integrated Remote Access Controller (iDRAC) is preparing to switch over to the recently loaded firmware. During this switch over, the connection to iDRAC is lost. The server will startup after iDRAC restarts.

Recommended Response Action
No response action is required.

BAR047

Message
System Profile operation canceled by user.
Detailed Description: The System Profile operation was canceled as part of a clean up operation performed during a restart of the Integrated Remote Access Controller.

Recommended Response Action: Resubmit the System Profile operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**BAR048**

Message: System Service Tag not present.

Detailed Description: The server motherboard does not have a Service Tag assigned, the operation cannot continue.

Recommended Response Action: Perform a System Profile import from a previous backup file. If no backup file is available, contact your service provider.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**BAR048**

Message: System Service Tag not present.

Detailed Description: The server motherboard does not have a Service Tag assigned, the operation cannot continue.

Recommended Response Action: Perform a System Profile import from a previous backup file. If no backup file is available, contact your service provider.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
BAR049

Message
Automatic Host System power up setup failed.

Detailed Description
The automatic Host System power up request has erred and the system will not power up after the Integrated Remote Access Controller has restarted.

Recommended Response Action
As indicated by the job status, wait for restore to complete. After the status displays Complete or Failed, wait for a few minutes for the Integrated Remote Access Controller (iDRAC) to restart. After restart, power on the Host System using iDRAC.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

BAR050

Message
Performing Firmware Restore for Device : arg1

Arguments
arg1 = device name

Detailed Description
The firmware update for the specified device in progress.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
BAR051

Message  Performing Component Configuration Restore for Device : \texttt{arg1}
Arguments  \texttt{arg1} = device name
Detailed Description  The configuration import for the specified device is in progress.
Recommended Response Action  No response action is required.
Category  Configuration (BAR = Backup/Restore)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

BAR052

Message  Firmware update cannot be performed for Device: \texttt{arg1}
Arguments  \texttt{arg1} = device name
Detailed Description  The required device firmware was not found, and the update cannot continue. The device firmware is either not present on the firmware storage partition or does not match the version stored in the configuration information database. No response action is required, however obtaining and installing the update package for the device indicated will update the firmware storage partition. A backup of the server profile is recommended after updating.
Recommended Response Action  No response action is required.
Category  Configuration (BAR = Backup/Restore)
BAR053

Message: Restoring Firmware on Device: arg1

Arguments: arg1 = device name

Detailed Description: Restoring device firmware on the device identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

BAR054

Message: System Reset or Lifecycle Controller ActionsCanceled, System Profile Failure Recovery unsuccessful.

Detailed Description: The attempt to clean up after an unsuccessful Backup/Restore of a system profile operation has not been successful. The Lifecycle Controller/System Services...
related operations may not execute as expected until the system is properly restored to a functional configuration.

**Recommended Response Action**
Enter the iDRAC configuration utility. Select the System Services option in the main selection screen. Choose the Cancel Lifecycle Controller Actions / Cancel System Services operation and follow the directions to ensure this operation is performed. If Cancel Lifecycle Controller Actions / Cancel System Services is not available, remove power from the system, wait 1 minute and reapply power. If the issue persists, contact your technical service provider.

**Category**  Configuration (BAR = Backup/Restore)

**Severity**  Severity 1 (Critical)

**Redfish Event Type**  Alert

---

**Message**  
Previously stored configuration values not applied to Device: *arg1*

**Arguments**  
*arg1* = device name

**Detailed Description**  
Attempted configuration import was not successful for the specified device.

**Recommended Response Action**  
The system event log captures the values that were not set, and must be reset manually.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**BAR055**

**Message**  
Previously stored configuration values not applied to Device: *arg1*

**Arguments**  
*arg1* = device name

**Detailed Description**  
Attempted configuration import was not successful for the specified device.

**Recommended Response Action**  
The system event log captures the values that were not set, and must be reset manually.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
BAR056

Message
Component Configuration Restored on Device: arg1

Arguments
arg1 = device name

Detailed Description
The configuration import was successful for the specified device.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR057

Message
Some of the configuration values not applied to Device: arg1

Arguments
arg1 = device name

Detailed Description
The configuration import was completed, but some of the imported values were not set correctly.

Recommended Response Action
The system event log captures the values that were not set, and they must be reset manually.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
BAR058

Message: Validating NFS destination access.
Detailed Description: The system profile import or export network destination is being tested for access.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR059

Message: Validating CIFS destination access.
Detailed Description: The system profile import or export network destination is being tested for access.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
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**BAR060**

**Message**
Collecting firmware inventory information.

**Detailed Description**
Collecting firmware inventory and copying it into the system profile backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BAR061**

**Message**
Collecting System Information.

**Detailed Description**
Collecting system information and copying it into the backup file. The operation collects system information that includes System Model and Service Tag.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility: iDRAC ✔

Message: Collecting Lifecycle Controller Configuration database.
Detailed Description: Collecting the Lifecycle Controller configuration database and copying it into the server profile backup file.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility: CMC

Message: Collecting Lifecycle Controller Firmware images.
Detailed Description: Collecting the Lifecycle Controller firmware images and copying them in the server profile backup file.
Recommended Response Action: No response action is required.
BAR064

Message Collecting Integrated Remote Access Controller firmware.
Detailed Description Collecting the Integrated Remote Access Controller firmware and copying it in the server profile backup file.
Recommended Response Action No response action is required.
Category Configuration (BAR = Backup/Restore)
Severity Severity 3 (Informational)
Redfish Event Type Alert

BAR065

Message Collecting Integrated Remote Access Controller configuration.
Detailed Description Collecting the Integrated Remote Access Controller configuration and copying it into the server profile backup file.
BAR066

Message: vFlash media not enabled.

Detailed Description: The system profile export destination is not enabled.

Recommended Response Action: Enable the vFlash media and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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BAR067

Message: vFlash media not initialized.
Detailed Description: The system profile export destination is not initialized.

Recommended Response Action: Initialize the vFlash media and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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BAR068

Message: vFlash media not supported.

Detailed Description: The system profile export destination is not supported.

Recommended Response Action: Insert, enable and initialize supported vFlash media and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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</table>
**BAR069**

**Message**
Insufficient space on vFlash media.

**Detailed Description**
The system profile export did not complete successfully because there is insufficient space on the vFlash media.

**Recommended Response Action**
delete partitions and free up 384 MB of space on the current vFlash media, or use new vFlash media.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**BAR070**

**Message**
NFS Destination access denied.

**Detailed Description**
Access to the NFS export/import destination is not possible or has been denied.

**Recommended Response Action**
Verify that the input parameters are correct, connectivity exists to the destination end point, and retry the operation.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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BAR071

**Message**  
CIFS Destination access denied.

**Detailed Description**  
Access to the CIFS export/import destination is not possible or has been denied.

**Recommended Response Action**  
Verify that the input parameters are correct, connectivity exists to the destination end point, and retry the operation.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

---

BAR072

**Message**  
Format of vFlash Backup partition unsuccessful.

**Detailed Description**  
The vFlash backup partition format operation was not successful.

**Recommended Response Action**  
Enable and initialize the vFlash media and retry the export. If the issue persists, try a new vFlash media or use the network share option(s).

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
BAR073

Message: Delete of vFlash Backup partition unsuccessful.
Detailed Description: The operation to delete the vFlash backup partition did not complete successfully.
Recommended Response Action: Enable and initialize the vFlash media and retry the export. If the error continues, try a new vFlash media or use the network share option(s).
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR074

Message: Unable to collect Firmware Inventory information.
Detailed Description: The collection and export of firmware inventory data did not complete successfully.
Recommended Response Action: Apply the Dell Update Package for Unified Server Configurator (USC). If collect system inventory on reboot (CSIOR) is not enabled, enter and exit System Services in USC to update the database, reboot the system and try the operation again. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs,
and device firmware for all host system devices, install all packages and retry the operation.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**Filter**  
Visibility

**IPMI**  
Alert

**SNMP**  
Alert

**Email**  
Alert

**Remote System**  
Log

**WS**  
Eventing

**Redfish**  
Eventing

**iDRAC**  
✔

**CMC**

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**BAR075**

**Message**  
Unable to collect System information.

**Detailed Description**  
The collection and export of system information failed.

**Recommended Response Action**  
Restart the remote access controller, and retry the operation. If the error continues, use the remote access controller firmware to try the operation again.

**Category**  
Configuration (BAR = Backup/Restore)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**Filter**  
Visibility

**IPMI**  
Alert

**SNMP**  
Alert

**Email**  
Alert

**Remote System**  
Log

**WS**  
Eventing

**Redfish**  
Eventing

**iDRAC**  
✔

**CMC**

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**BAR076**

**Message**  
Unable to collect the Configuration database.

---

**iDRAC**  
✔

**CMC**
The collection and export of Lifecycle Controller Configuration Database failed.

Enter System Services in USC, and select Exit and Reboot to reset and update the database. If the error continues repair the Lifecycle Controller, apply the Dell Update Packages for USC, diagnostics, device firmware and driver pack and retry the operation.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

Alert

iDRAC ✔

CMC

Unable to collect the Firmware images.

The collection and export of host system firmware images was not successful.

Apply Dell Update Packages for all devices and software, and try the operation again. If the error continues, repair the Lifecycle Controller and apply the packages again, and retry the operation.

Configuration (BAR = Backup/Restore)

Severity 1 (Critical)

Alert

iDRAC ✔

CMC
BAR078

**Message**
Unable to collect the Integrated Remote Access Controller firmware.

**Detailed Description**
The collection and export of Integrated Remote Access Controller (iDRAC)firmware was not successful.

**Recommended Response Action**
Apply the integrated remote access controller firmware, manually set the configuration attributes, and try the operation again.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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BAR079

**Message**
Unable to collect the Integrated Remote Access Controller configuration.

**Detailed Description**
The collection and export of Integrated Remote Access Controller configuration was not successful.

**Recommended Response Action**
Apply the integrated remote access controller firmware, manually set the configuration attributes, and try the operation again.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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BAR080

Message
Restoring Lifecycle Controller Configuration database.

Detailed Description
Importing the Lifecycle Controller configuration database from the system profile backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAR081

Message
Restoring Lifecycle Controller Firmware images.

Detailed Description
Importing the Lifecycle Controller firmware image data is from the system profile backup file.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### BAR082

**Message**
Restoring Remote Access Controller configuration.

**Detailed Description**
Remote access controller firmware and configuration import in progress.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### BAR083

**Message**
Host System Model does not match the Backup file System Model information.

**Detailed Description**
System profile backup file validation failed because the host system model information does not match the value stored in the file.

**Recommended Response Action**
Obtain a valid host system backup image and try the operation again. Reboot the remote access controller and try the operation again. If the error continues, download a new remote access controller firmware image and try the operation again.

**Category**
Configuration (BAR = Backup/Restore)
### BAR084

**Message**
Host System Service Tag does not match the Backup file Service Tag.

**Detailed Description**
System profile backup file validation failed because the host system service tag information does not match the value stored in the file.

**Recommended Response Action**
Obtain a valid host system backup image and try the operation again. Reboot the remote access controller and try the operation again. If the error continues, download a new remote access controller firmware image and try the operation again.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### BAR085

**Message**
Unable to collect System Information for Import Backup file validation.

**Detailed Description**
The validation of the system profile backup file has failed. The retrieval of system information to validate the backup file has failed.
**Recommended Response Action**

Restart the remote access controller, and retry the operation. If the error continues, use the remote access controller firmware to try the operation again.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**Message**

Unable to Restore The Lifecycle Controller Configuration database.

**Detailed Description**

The system profile import of Lifecycle Controller configuration data has failed.

**Recommended Response Action**

If collect system inventory on reboot (CSIOR) is not enabled, enter and exit System Services in USC to update the database, reboot the system and try the operation again. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**BAR086**

**Filter Visibility**

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**CMC**

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**LC Log**

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**iDRAC**

**CMC**

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**Chassis Event**

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195
BAR087

Message: Unable to Restore the Lifecycle Controller Firmware images.

Detailed Description: The system profile import of Lifecycle Controller firmware images has failed.

Recommended Response Action: Apply the Dell Update Package for this system. If the error continues, use the field service repair software to repair the Lifecycle Controller. Download all Dell Update Packages for USC, Diagnostics Driver Packs, and device firmware for all host system devices, install all packages and retry the operation.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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BAR088

Message: No partitions available on vFlash media.

Detailed Description: The maximum number of partitions are already in use.

Recommended Response Action: Delete partitions and free up 384MB of space on the current vFlash media or obtain new vFlash media.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**BAR089**

**Message**
Lifecycle Controller needs to be updated.

**Detailed Description**
A problem has been detected with the installation of the Unified Server Configurator (USC). This needs to be corrected before a valid Backup file can be created.

**Recommended Response Action**
Obtain the Dell update package for the Unified Server Configurator and apply it. Then perform a Backup operation to save this data, for later restore.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

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**BAR090**

**Message**
System Profile Backup requested.

**Detailed Description**
A request to create a System Profile Backup file has been made by the user of the Unified Server Configurator interface.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
BAR091

Message: System Profile Backup completed.
Detailed Description: A System Profile Backup request made by the user of the Unified Server Configurator interface has completed.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

BAR092

Message: Disconnect from NFS unsuccessful.
Detailed Description: The attempt to disconnect from the specified NFS location was not successful.
Recommended Response Action: If this happens on a backup request, restart the Integrated Remote Access Controller and try the operation again. If this is a restore request the Integrated Remote Access will be restarted during the execution of the request. Only restart the Integrated Remote Access Controller if it does not restart on its own.
Category: Configuration (BAR = Backup/Restore)
BAR093

Message   Disconnect from CIFS unsuccessful.
Detailed Description   The attempt to disconnect from the specified CIFS location was not successful.
Recommended Response Action   If this happens on a backup request, restart the Integrated Remote Access Controller and try the operation again. If this is a restore request the Integrated Remote Access will be restarted during the execution of the request. Only restart the Integrated Remote Access Controller if it does not restart on its own.
Category   Configuration (BAR = Backup/Restore)
Severity   Severity 1 (Critical)
Redfish Event Type   Alert

BAR094

Message   Another Backup operation already in progress.
Detailed Description   The request to create a System Profile Backup file did not complete successfully because there is already a request in progress.
BAR095

Message
Another Restore operation already in progress.

Detailed Description
The request to restore a System Profile from a Backup file did not complete successfully because there is already a request in progress.

Recommended Response Action
If possible monitor the in progress job for completion and then retry the request. If that is not possible try clearing all jobs and try the request again. If the issue persists, restart the Integrated Remote Access controller and try the request again.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
BAR096

**Message**: BIOS incompatibility detected.
**Detailed Description**: The current BIOS firmware installed on the system does not have Backup and Restore feature support.
**Recommended Response Action**: Obtain the System BIOS firmware with Backup and Restore support, update the system and try the operation again.
**Category**: Configuration (BAR = Backup/Restore)
**Severity**: Severity 1 (Critical)
**Redfish Event Type**: Alert

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BAR097

**Message**: Lifecycle Controller Unified Server Configurator incompatibility detected.
**Detailed Description**: The current Lifecycle Controller Unified Server Configurator software installed on the system does not have Backup and Restore feature support.
**Recommended Response Action**: Obtain the Lifecycle Controller Unified Server Configurator update package with Backup and Restore support, update the software and try the operation again.
**Category**: Configuration (BAR = Backup/Restore)
**Severity**: Severity 1 (Critical)
**Redfish Event Type**: Alert

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BAR098

Message: Invalid System Service Tag.

Detailed Description: The Service Tag installed on the system is invalid. The Backup and Restore feature will not operate without a valid Service Tag.

Recommended Response Action: Contact your service provider.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BAR099

Message: Collecting License data.

Detailed Description: License data is being collected and copied into the backup Server Profile.

Recommended Response Action: No response action is required.

Category: Configuration (BAR = Backup/Restore)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
BAR100

Message
Unable to collect License data.

Detailed Description
An error occurred accessing license data. Cannot collect license data to copy to Server Profile backup file.

Recommended Response Action
Refer to License Management documentation for re-installation of license(s) instructions and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

BAR101

Message
Restoring License data.

Detailed Description
Importing license data from the backup Server Profile.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)
BAR102

Message: Unable to restore license data.
Detailed Description: Unable to import license data from the backup Server Profile.
Recommended Response Action: Refer to iDRAC User Guide documentation license installation instructions and retry the operation.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR103

Message: Collecting system branding data.
Detailed Description: System branding data is being collected and copied to the backup Server Profile.
Recommended Response Action: No response action is required.
Category: Configuration (BAR = Backup/Restore)
BAR104

Message: Unable to collect system branding data.
Detailed Description: Unable to collect system branding data to copy to backup Server Profile.
Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.
Category: Configuration (BAR = Backup/Restore)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

BAR105

Message: Restoring system branding data.
Detailed Description: Importing system branding data from the Server Profile backup file.
Recommended Response Action: No response action is required.
**BAR106**

**Message**
Unable to restore system branding data.

**Detailed Description**
Unable to import system branding data from the backup Server Profile.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**BAR107**

**Message**
vFlash media reader license not present.

**Detailed Description**
The vFlash media reader requires a license to function.
**Recommended Response Action**

Obtain the license for vFlash media from your service provider. Install the license and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**Filter Visibility**

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**BAR108**

**Message**

License to Export and Import Server Profile not present.

**Detailed Description**

The license required for Server Profile Import and Export operations to function is not present.

**Recommended Response Action**

Obtain the license for Server Profile Export and Import, install the license and retry the operation.

**Category**

Configuration (BAR = Backup/Restore)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**Filter Visibility**

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**BAR109**

**Message**

OEMDRV partition is in use.
Detailed Description
The OEMDRV partition is mounted for performing operating system deployment use. This situation prevents the Export and Import Server Profile operation from continuing.

Recommended Response Action
Dismount the OEMDRV partition by selecting F10 during boot and retry the operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BAR110

Message
All existing jobs cancelled because of Import Server Profile request processing.

Detailed Description
All the existing jobs are canceled during the Import Server Profile operation or if the Import operation fails.

Recommended Response Action
Resubmit any jobs that were cancelled by the Import operation after the Import Server Profile operation completes.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BAR111

Message  Server Profile operation timed out.

Detailed Description  The Import or Export job did not complete successfully. The Import or Export operation timed-out while validating or transferring Server Profile data. Possible causes are loss of network connectivity, vFlash SD card access issues, or problems encountered with system power off and on.

Recommended Response Action  If the managed system does not turn off during Import, turn off the system and retry the operation. If the managed system turned off, restart the Remote Access Controller and retry the operation. If the export was to a network share verify the connection and try the operation again. If the export destination was the vFlash media, insert a new SD card and try the operation again.

Category  Configuration (BAR = Backup/Restore)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

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BAR112

Message  The system identifier in the Server Profile file does not match the target system.

Detailed Description  Server Profile backup file validation failed because the target system identifier information does not match the value stored in the file. The Server Profile file may be from another system or the iDRAC may need to be restarted to acquire the system identifier information accurately.

Recommended Response Action  Obtain a valid Server Profile file for the target system and try the operation again. If the problem reoccurs, restart the iDRAC and try the operation again.

Category  Configuration (BAR = Backup/Restore)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert
BAR113

Message
Unable to create an Automatic Backup job.

Detailed Description
The Automatic Backup job that was earlier schedule was not successfully created. This could be due to an invalid parameter entered to create the job.

Recommended Response Action
Using the iDRAC Web UI, select Server Profile from the navigation panel, and then the Automatic Backup tab. Clear Settings and reenter appropriate data, the select Schedule Backup to restart the Automatic Backup jobs. Using the RACADM CLI or WSMAN API, clear the scheduled backup settings and retry the Automatic Backup scheduling operation.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

BAR114

Message
An Automatic Backup job arg1 is created.

Arguments
arg1 = job ID

Detailed Description
The Automatic Backup job identified in the message is created per the Server Profile automatic export schedule previously configured.
**BAR115**

**Message**
The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1.

**Detailed Description**
The number of Automatic Server Profile backup files has reached the specified limit. Restarting the numbering from 1 which will overwrite the oldest backup file.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BAR = Backup/Restore)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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211
BAR116

Message
Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours.

Detailed Description
Unable to create a recurring export Server Profile job because an existing scheduled Backup Image job is scheduled within the next 24 hours.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BAR117

Message
The iDRAC firmware cannot be restored due to hardware compatibility restraints.

Detailed Description
The firmware version for the iDRAC contained in the hardware Server Profile image is not compatible with this system hardware. Continue to use the installed firmware version or update to later versions if necessary.

Recommended Response Action
No response action is required.

Category
Configuration (BAR = Backup/Restore)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BAT Event Messages

BAT0000

Message
The system board battery is low.

Detailed Description
System settings may be preserved if input power is not removed from the power supplies.

Recommended Response Action
Check the system board battery at the next service window.

Category
System Health (BAT = Battery Event)

Severity
Severity 2 (Warning)

Trap/EventID
2226

Redfish Event Type
Alert

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BAT0001

Message
The system board battery is operating normally.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
2227

OMSA Event ID
5702
**BAT0002**

**Message**
The system board battery has failed.

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the system board battery.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
System board battery has failed. Check battery

**OMSA Event ID**
57,045,705

**OMSA Trap ID**
5702

**Redfish Event Type**
Alert

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**BAT0003**

**Message**
The system board battery is present.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**Redfish Event Type**
Alert

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**BAT0004**

**Message**
The system board battery is absent.

**Detailed Description**
System settings may be preserved if input power is not removed from the power supplies.

**Recommended Response Action**
Check the system board battery to confirm presence.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
System board battery is absent. Check battery

**OMSA Event ID**
5700

**Redfish Event Type**
Alert
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**BAT0005**

**Message**
The storage battery is low.

**Detailed Description**
The system has to remain powered on to charge the battery.

**Recommended Response Action**
Allow the PERC RAID controller battery to charge. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2226

**Redfish Event Type**
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**BAT0006**

**Message**
The storage battery is operating normally.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.
**Category**  System Health (BAT = Battery Event)
**Severity**  Severity 3 (Informational)
**Trap/EventID**  2227
**Redfish Event Type**  Alert

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**BAT0007**

**Message**  The storage battery has failed.
**Detailed Description**  The PERC RAID controller battery may have failed because of thermal exceptions.
**Recommended Response Action**  1) Verify the PERC RAID controller battery installation. 2) Check the system logs for thermal related issues.
**Category**  System Health (BAT = Battery Event)
**Severity**  Severity 1 (Critical)
**Trap/EventID**  2225
**LCD Message**  Storage battery has failed. Check battery.
**Redfish Event Type**  Alert

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**BAT0008**

**Message**  
The storage battery is present.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2227

**Redfish Event Type**  
Alert

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**BAT0009**

**Message**  
The storage battery is absent.

**Detailed Description**  
The PERC RAID controller battery may report absent due to disconnect or thermal exceptions.

**Recommended Response Action**  
1) Verify the PERC RAID controller battery installation. 2) If installed, reseat or reconnect the battery and cables. 3) Check the system logs for thermal related issues.

**Category**  
System Health (BAT = Battery Event)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2225

**LCD Message**  
Storage battery is absent. Check battery.

**Redfish Event Type**  
Alert
BAT0010

Message: The storage battery for disk drive bay arg1 is low.

Arguments: arg1 = bay

Detailed Description: The system has to remain powered on to charge the battery.

Recommended Response Action: Allow the PERC RAID controller battery for the associated bay to charge. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (BAT = Battery Event)

Severity: Severity 2 (Warning)

Trap/EventID: 2226

Redfish Event Type: Alert

BAT0011

Message: The storage battery for disk drive bay arg1 is operating normally.

Arguments: arg1 = bay

Detailed Description: None
Recommended Response Action
Verify the battery installation, check the system logs for thermal related issues.

Category System Health (BAT = Battery Event)
Severity Severity 3 (Informational)
Trap/EventID 2227
Redfish Event Type Alert

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BAT0012

Message The storage battery for disk drive bay arg1 has failed.
Arguments arg1 = bay
Detailed Description The PERC RAID controller battery may have failed because of thermal exceptions.
Recommended Response Action
1) Verify the PERC RAID controller battery installation for the associated bay. 2)
Check the system logs for thermal related issues.
Category System Health (BAT = Battery Event)
Severity Severity 1 (Critical)
Trap/EventID 2225
LCD Message Battery for disk drive bay <bay> has failed. Check battery.
Redfish Event Type Alert

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### BAT0013

**Message**
The storage battery for disk drive bay \( \text{arg1} \) is present.

**Arguments**
\( \text{arg1} = \text{bay} \)

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**Redfish Event Type**
Alert

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### BAT0014

**Message**
The storage battery for disk drive bay \( \text{arg1} \) is absent.

**Arguments**
\( \text{arg1} = \text{bay} \)

**Detailed Description**
The PERC RAID controller battery may report absent due to disconnect or thermal exceptions.

**Recommended Response Action**
1) Verify the PERC RAID controller battery installation for the associated bay. 2) If installed, reseat or reconnect the battery and cables. 3) Check the system logs for thermal related issues.

**Category**
System Health (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

**LCD Message**
Battery for disk drive bay <bay> is absent. Check battery.

**Redfish Event Type**
Alert
BAT0015

Message  The arg1 battery is low.
Arguments  arg1 = name
Detailed Description  System settings may be preserved if input power is not removed from the power supplies.
Recommended Response Action  Check the battery at the next service window.
Category  System Health (BAT = Battery Event)
Severity  Severity 2 (Warning)
Trap/EventID  2226
Redfish Event Type  Alert

BAT0016

Message  The arg1 battery is operating normally.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action
No response action is required.

Category System Health (BAT = Battery Event)
Severity Severity 3 (Informational)
Trap/EventID 2227
Redfish Event Type Alert

Filter Visibility  | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC ✔  ✔* ✔ ✔ ✔ ✔ ✔
CMC

LC Log  | LCD  | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC  ✔* ✔
CMC

**BAT0017**

Message The arg1 battery has failed.
Arguments arg1 = name
Detailed Description System settings may be preserved if input power is not removed from the power supplies.
Recommended Response Action Check the battery.
Category System Health (BAT = Battery Event)
Severity Severity 1 (Critical)
Trap/EventID 2225
LCD Message The <name> battery has failed. Check battery.
Redfish Event Type Alert

Filter Visibility  | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC ✔  ✔* ✔ ✔ ✔ ✔ ✔
CMC

LC Log  | LCD  | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC  ✔* ✔ ✔ ✔ ✔
CMC
BAT0018

Message: The arg1 battery is present.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (BAT = Battery Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2227
Redfish Event Type: Alert

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BAT0019

Message: The arg1 battery is absent.
Arguments: arg1 = name
Detailed Description: System settings may be preserved if input power is not removed from the power supplies.
Recommended Response Action: Check the battery to confirm presence.
Category: System Health (BAT = Battery Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2225
LCD Message: The <name> battery is absent. Check battery.
Redfish Event Type: Alert
BAT0030

Message
The system board battery is reading low.

Detailed Description
The system battery level is low, and if the input power is disconnected, the system settings will not be preserved.

Recommended Response Action
Replace the battery.

Category
System Health (BAT = Battery Event)

Severity
Severity 2 (Warning)

OMSA Event ID
5703

OMSA Trap ID
5703

Redfish Event Type
Alert

BAT0031

Message
The system board battery status is unknown.

Detailed Description
The system battery level is unknown, and if the input power is disconnected, the system settings will not be preserved.

Recommended Response Action
Replace the battery.
### BAT1000

**Message**
Battery on arg1 is missing.

**Arguments**
`arg1` = controller name

**Detailed Description**
The controller cannot communicate with the battery. The battery is absent or improperly connected. A battery with a weak or depleted charge may also cause this message.

**Recommended Response Action**
Verify that the device is present and then check the cables. See the storage hardware documentation to verify cabling. In addition check the connection to the controller battery and the battery health. A battery with a weak or depleted charge may cause this message.
BAT1001

Message        Battery on arg1 was replaced.
Arguments       arg1 = controller name
Detailed Description  A controller’s battery was replaced.
Recommended Response Action  No response action is required.
Category         Storage (BAT = Battery Event)
Severity          Severity 3 (Informational)
Trap/EventID    4275
OMSA Event ID  2175
OMSA Trap ID   115100
Redfish Event Type  Alert

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BAT1002

Message        The battery on arg1 learn cycle has started.
Arguments       arg1 = controller name
Detailed Description  This alert is provided for informational purposes.
Recommended Response Action  No response action is required.
Category         Storage (BAT = Battery Event)
**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2176

**OMSA Trap ID**  
115100

**Redfish Event Type**  
Alert

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**BAT1003**

**Message**  
The battery on arg1 learn cycle has completed.

**Arguments**  
arg1 = controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2177

**OMSA Trap ID**  
115100

**Redfish Event Type**  
Alert
### BAT1004

**Message**
The battery on arg1 learn cycle has timed out.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller battery must be fully charged before the learn cycle can begin. The battery may be unable to maintain a full charge causing the learn cycle to timeout. In addition, the battery must be able to maintain cached data for a specified period of time in the event of a power loss. For example, some batteries maintain cached data for 24 hours. If the battery is unable to maintain cached data for the required period of time, then the Learn cycle will timeout.

**Recommended Response Action**
Replace the battery pack. The battery is unable to maintain a full charge.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2178

**OMSA Trap ID**
115300

**Redfish Event Type**
Alert

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### BAT1005

**Message**
The battery on arg1 learn cycle has been postponed.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.
Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4275

OMSA Event ID: 2179

OMSA Trap ID: 115100

Redfish Event Type: Alert

---

**BAT1006**

Message: The battery on arg1 learn cycle will start in arg2 days.

Arguments: arg1 = Controller name, arg2 = arg

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4275

OMSA Event ID: 2180

OMSA Trap ID: 115100

Redfish Event Type: Alert

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BAT1007

Message: The battery on arg1 learn cycle will start in arg2 hours.

Arguments: arg1 = Controller name, arg2 = arg

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4275

OMSA Event ID: 2181

OMSA Trap ID: 115100

Redfish Event Type: Alert

---

BAT1008

Message: Write policy on arg1 was changed to Write Through.

Arguments: arg1 = controller name

Detailed Description: The controller battery cannot maintain cached data for the required period of time. For example, if the required period of time is 24 hours, then the battery cannot maintain cached data for 24 hours.

Recommended Response Action: Verify the battery health is good. See the storage hardware documentation to verify battery health. Contact technical support.
**Message**  
Write policy on arg1 was changed to Write Back.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The controller battery health has returned to normal.

**Recommended Response Action**  
No response action is required.
BAT1010

**Message**
Battery on *arg1* requires reconditioning. Initiate a learn cycle.

**Arguments**
*arg1* = Controller name

**Detailed Description**
Battery is in warn only mode and requires reconditioning.

**Recommended Response Action**
Start a learn cycle on the battery.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2210

**OMSA Trap ID**
115300

**Redfish Event Type**
Alert

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- **SNMP Alert**
- **Email Alert**
- **Remote System Log**
- **WS Eventing**
- **Redfish Eventing**

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- **WS Eventing**
- **Redfish Eventing**

**iDRAC**
- ✔

**CMC**
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- ✔

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BAT1011

**Message**
Battery on *arg1* is in warn only mode and requires reconditioning.

**Arguments**
*arg1* = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)
**Severity**  Severity 3 (Informational)

**Trap/EventID**  4275

**OMSA Event ID**  2104

**OMSA Trap ID**  115100

**Redfish Event Type**  Alert

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**BAT1012**

**Message**  The arg1 battery temperature is above normal.

**Arguments**  arg1 = Controller name

**Detailed Description**  Diagnostic event for service to determine if there is an ambient temperature problem.

**Recommended Response Action**  No response action is required.

**Category**  Storage (BAT = Battery Event)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  4275

**Redfish Event Type**  Alert

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235
**BAT1013**

**Message**
Recharge count has exceeded the maximum limit for battery on arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
The battery cannot be recharged further.

**Recommended Response Action**
Replace the battery pack.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2213

**OMSA Trap ID**
115300

**Redfish Event Type**
Alert

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| CMC | ✔ | ✔* | ✔* |

**BAT1014**

**Message**
arg1 battery charge in-progress.

**Arguments**
arg1 = Controller name

**Detailed Description**
Diagnostic event for service to determine if there is an ambient temperature problem.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2214
BAT1015

Message
arg1 battery charge process is interrupted.

Arguments
arg1 = Controller name

Detailed Description
Diagnostic event for service to determine if there is an ambient temperature problem.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Trap/EventID
4275

OMSA Event ID
2215

OMSA Trap ID
115100

Redfish Event Type
Alert
BAT1016

**Message**
The arg1 battery learn mode has changed to Auto.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2216

**OMSA Trap ID**
115100

**Redfish Event Type**
Alert

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**BAT1017**

**Message**
The arg1 battery learn mode has changed to Warn.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2217
OMSA Trap ID 115100
Redfish Event Type Alert

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BAT1018

Message Battery on arg1 is degraded.
Arguments arg1 = Controller name
Detailed Description The temperature of the battery is high. This may be due to the battery being charged.
Recommended Response Action If the battery is being charged, then charging the battery should be stopped until the battery cools down and charging should be resumed. If this is not case, then some other condition exists and should be investigated.
Category Storage (BAT = Battery Event)
Severity Severity 2 (Warning)
Trap/EventID 4274
OMSA Event ID 2246
OMSA Trap ID 115300
Redfish Event Type Alert

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BAT1019

**Message**
Battery on arg1 is charging.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2247

**OMSA Trap ID**
115100

**Redfish Event Type**
Alert

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**BAT1020**

**Message**
The arg1 battery is executing a learn cycle.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**OMSA Event ID**
2248
**BAT1021**

**Message**
The charge level for the battery on `arg1` is below the normal threshold.

**Arguments**
`arg1` = controller name

**Detailed Description**
The controller battery cannot maintain sufficient charge level to function properly or the battery is discharging.

**Recommended Response Action**
Check for other events related to the state of the battery. These may help determine the cause of this event.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**OMSA Event ID**
2278

**OMSA Trap ID**
115300

**Redfish Event Type**
Alert

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**BAT1022**

**Message**  
arg1 battery recondition is completed.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
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**OMSA Event ID**  
2105

**OMSA Trap ID**  
115100

**Redfish Event Type**  
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**BAT1023**

**Message**  
The charge level for the battery on arg1 is within normal limits.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The battery health has returned to normal.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2279
**OMSA Trap ID** 115100  
**Redfish Event Type** Alert

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**BAT1024**

**Message** Errors detected with battery on arg1 .

**Arguments**  
`arg1` = controller name

**Detailed Description** The battery or the battery charger is not functioning properly. The battery may have an inadequate charge.

**Recommended Response Action** Contact technical support.

**Category** Storage (BAT = Battery Event)  
**Severity** Severity 2 (Warning)  
**Trap/EventID** 4274  
**OMSA Event ID** 2318  
**OMSA Trap ID** 115300  
**Redfish Event Type** Alert

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**BAT1025**

**Message**
arg1 is unable to recover cached data from the Battery Backup Unit (BBU).

**Arguments**
arg1 = controller name

**Detailed Description**
The controller was unable to recover data from the cache. This may indicate data loss has occurred.

**Recommended Response Action**
Verify that the battery is charged and in good health. See the hardware documentation for more information. When the battery charge is unacceptably low, the battery cannot maintain cached data. Data loss may also have occurred, restoring data from backups may be needed. Verify whether the battery has met its recharge limit. The battery may need to be recharged. Contact technical support if the issue persists.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4273

**OMSA Event ID**
2337

**OMSA Trap ID**
115400

**Redfish Event Type**
Alert

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**BAT1026**

**Message**
The arg1 has recovered cached data from the Battery Backup Unit (BBU).

**Arguments**
arg1 = controller name

**Detailed Description**
The controller has retrieved cached data.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)
BAT1027

Message: The battery on arg1 completed a charge cycle.

Arguments: arg1 = controller name

Detailed Description: The battery successfully completed a charge cycle.

Recommended Response Action: No response action is required.

Category: Storage (BAT = Battery Event)

Severity: Severity 3 (Informational)
### BAT1028

**Message**

The battery voltage on arg1 is low.

**Arguments**

arg1 = controller name

**Detailed Description**

The controller battery voltage is low. This may indicate that the battery is no longer protecting the controller cache.

**Recommended Response Action**

The battery needs to recharged. Wait 24 hours to see if the charge is restored.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4274

**OMSA Event ID**

2145

**OMSA Trap ID**

115300

**Redfish Event Type**

Alert

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### BAT1029

**Message**

The battery on arg1 can no longer recharge.

**Arguments**

arg1 = controller name

**Detailed Description**

The controller battery cannot recharge. The battery may have already recharged the maximum number of times or the battery charger may not be working.

**Recommended Response Action**

Contact technical support.

**Category**

Storage (BAT = Battery Event)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4273

**OMSA Event ID**

2169

246
**BAT1030**

**Message**: The arg1 battery charge level is normal.

**Arguments**: arg1 = Controller name

**Detailed Description**: This alert is provided for informational purposes.

**Recommended Response Action**: No response action is required.

**Category**: Storage (BAT = Battery Event)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 4275

**OMSA Event ID**: 2170

**OMSA Trap ID**: 115100

**Redfish Event Type**: Alert
**BAT1031**

**Message**  
The battery temperature on arg1 is above normal.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The room temperature may be too hot. In addition, the system fan may be degraded or failed.

**Recommended Response Action**  
Verify that the room temperature is normal and that fans are functioning properly. See the storage hardware documentation for acceptable operating temperatures.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4274

**OMSA Event ID**  
2171

**OMSA Trap ID**  
115300

**Redfish Event Type**  
Alert

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**BAT1032**

**Message**  
The battery temperature on arg1 is normal.

**Arguments**  
arg1 = controller name

**Detailed Description**  
The battery temperature is within the normal operating range.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (BAT = Battery Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**OMSA Event ID**  
2172
**BAT1033**

**Message**
The battery on `arg1` was removed.

**Arguments**
`arg1` = controller name

**Detailed Description**
The controller cannot communicate with the battery. Either the battery was removed, or the contact point between the controller and the battery is degraded.

**Recommended Response Action**
Make sure that the battery is present and properly connected. If the battery is present, wait for a few minutes and re-check if the battery is detected. If the contact point between the battery and the controller is degraded, you must replace the battery, the controller, or both. Refer to the storage hardware documentation for information on how to safely access, or remove. Contact technical support if the issue persists.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 2 (Warning)

** Trap/EventID** 4274

**OMSA Event ID** 2174

**OMSA Trap ID** 115300

**Redfish Event Type** Alert

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249
**BAT1034**

**Message**
The battery properties for arg1 have changed.

**Arguments**
arg1 = controller name

**Detailed Description**
One or more battery properties were modified.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**Redfish Event Type**
Alert

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**BAT1035**

**Message**
The battery temperature on arg1 is above the normal operating temperature.

**Arguments**
arg1 = controller name

**Detailed Description**
The battery temperature is above normal operating temperature.

**Recommended Response Action**
No response action is required.

**Category**
Storage (BAT = Battery Event)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2212;2415

**OMSA Trap ID**
115100

**Redfish Event Type**
Alert
BAT1036

Message
The battery on arg1 is discharging.

Arguments
arg1 = controller name

Detailed Description
The battery on the controller identified in the message is being discharged.

Recommended Response Action
No response action is required.

Category
Storage (BAT = Battery Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BAT1037

Message
A battery is detected on the Controller arg1.

Arguments
arg1 = controller name

Detailed Description
A battery is detected on the Controller identified in the message.

Recommended Response Action
No response action is required.
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BIOS Event Messages

BIOS0001

Message
Trusted Compute Module (TPM) Physical Presence Operation arg1 logged.

Arguments
arg1 = PPI Operation

Detailed Description
BIOS logged a Trusted Compute Module (TPM) Physical Presence Operation.

Recommended Response Action
No response action is required.

Category
Work Notes (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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BIOS001

Message
The command was successful.

Detailed Description
The command was successful.

Recommended Response Action
No response action is required.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
BIOS002

Message: Resource allocation failure.

Detailed Description: Unable to allocate required memory to perform the requested operation; see the inserted comment.

Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

BIOS003

Message: Missing required parameter. Refer to the inserted comment.

Detailed Description: An invalid number of arguments was passed to the method.

Recommended Response Action: Enter all the required command parameters. Check documentation and try again.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 2 (Warning)
### BIOS004

**Message**
Invalid parameter value for arg1

**Arguments**
arg1 = attribute name

**Detailed Description**
The value for the specified parameter is invalid.

**Recommended Response Action**
Verify that parameter values passed to the method are entered as they appear in the enumeration and parameter data type matches the documentation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### BIOS005

**Message**
Mismatch in AttributeName and AttributeValue count

**Detailed Description**
The number of AttributeName and AttributeValue parameters do not match.

**Recommended Response Action**
Enter the same number of parameters for AttributeName and AttributeValue. Refer to documentation for method input parameter details.
Category: Configuration (BIOS = BIOS Management)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

### BIOS006
**Message:** Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled

**Detailed Description:** A configuration job is already created on the specified target. No further command is allowed until the existing job succeeds or the job is cancelled.

**Recommended Response Action:** Wait for the job to complete. To continue with more set operations on the specified target, cancel the job and proceed.

Category: Configuration (BIOS = BIOS Management)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

### BIOS007
**Message:** Configuration job already created, cannot create another configuration job on specified target until existing job is completed or is cancelled
A configuration job is already created on the specified target. No further command is allowed until the existing job succeeds or the job is cancelled.

Wait for the job to complete. To continue with more set operations on the specified target, cancel the job and proceed.

Configuration (BIOS = BIOS Management)

Severity 3 (Informational)

Alert

No pending data present to create a Configuration job

No changes are available between the previous configuration and the current configuration. To create a configuration job, at least one attribute should be changed.

Change the configuration of one or more attributes and then create a configuration job.

Configuration (BIOS = BIOS Management)

Severity 3 (Informational)

Alert
**BIOS009**

**Message**
Lifecycle Controller is currently in use.

**Detailed Description**
Lifecycle Controller cannot gain access to internal storage because of use by another application or operation.

**Recommended Response Action**
Wait for the current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Unified Server Configurator utility 2) Waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BIOS010**

**Message**
Lifecycle Controller is not enabled, cannot create Configuration job.

**Detailed Description**
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

**Recommended Response Action**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
BIOS011

Message  Configuration job already created, pending data cannot be deleted
Detailed Description Configuration job already created on the specified target. No further command is allowed until the existing job is completed.
Recommended Response Action Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.
Category Configuration (BIOS = BIOS Management)
Severity Severity 3 (Informational)
Redfish Event Type Alert

BIOS012

Message  No pending data to delete.
Detailed Description No changes to BIOS attribute data are available between the previous configuration and the current configuration.
Recommended Response Action No response action is required.
Category Configuration (BIOS = BIOS Management)
Severity Severity 3 (Informational)
BIOS013

Message
Invalid AttributeName arg1

Arguments
arg1 = attribute name

Detailed Description
An unknown AttributeName was specified in the operation.

Recommended Response Action
Enter the correct AttributeName available in the system. Refer to the enumeration response for desired attribute.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

BIOS014

Message
Invalid AttributeValue for AttributeName: arg1

Arguments
arg1 = attribute name

Detailed Description
AttributeValue may be invalid because of the following causes: 1) Length of new AttributeValue is not within required minimum length and maximum length 2)
Value of new AttributeValue is not within required LowerBound and UpperBound

3) Value of new AttributeValue is not one of the possible values.

**Recommended Response Action**
Refer to the documentation on valid Attribute values.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**BIOS015**

**Message**
AttributeValue cannot be changed to read only AttributeName arg1.

**Arguments**
arg1 = attribute name

**Detailed Description**
A set attribute operation was attempted on a read only attribute.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (BIOS = BIOS Management)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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BIOS016

Message AttributeValue cannot be changed for disabled AttributeName arg1.
Arguments arg1 = attribute name
Detailed Description A set attribute operation was attempted on a disabled attribute.
Recommended Response Action No response action is required.
Category Configuration (BIOS = BIOS Management)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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BIOS017

Message Unable to delete vFlash pending one-time boot configuration
Detailed Description Unable to delete vFlash pending one-time boot configuration.
Recommended Response Action Remove AC power from system and after restoring AC power, retry the operation.
Category Configuration (BIOS = BIOS Management)
Severity Severity 1 (Critical)
Redfish Event Type Alert

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BIOS018

Message
Invalid BIOS Password.

Detailed Description
The BIOS password specified in the operation is not valid. A valid BIOS password must be made from the following: 0 to 32 characters in length, numbers 0 to 9, lowercase letters a to z, special characters <>,+,-,|,\.

Recommended Response Action
Retry the operation with a BIOS password that conforms with system BIOS password requirements.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

BIOS021

Message
Cannot authenticate BIOS password.

Detailed Description
The old BIOS password specified in the change BIOS password operation was incorrect.

Recommended Response Action
Retry the operation with correct old BIOS password.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

BIOS022

Message
Cannot set the BIOS password. Password is disabled due to a jumper setting on the motherboard.

Detailed Description
The BIOS password is disabled in the hardware using a jumper and can not be set. See the system owners manual for jumper location.

Recommended Response Action
Change the jumper setting on the system board to enable changing the BIOS password.

Category
Configuration (BIOS = BIOS Management)
<table>
<thead>
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<td><em>No alerts are applicable for this message</em></td>
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**BIOS023**

<table>
<thead>
<tr>
<th>Message</th>
<th>Cannot perform the operation due to an unknown error in iDRAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>An unrecoverable error occurred in the operation while communicating with iDRAC.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation. If the issue continues, reset the iDRAC.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (BIOS = BIOS Management)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<tr>
<td>Redfish Event Type</td>
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**BIOS024**

<table>
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<tr>
<th>Message</th>
<th>The set operation did not complete successfully as the attribute is read-only.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation cannot run as the attribute value cannot be modified.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>For more information on the attribute, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (BIOS = BIOS Management)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<td><em>No alerts are applicable for this message</em></td>
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**BIOS025**

<table>
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<tr>
<th>Message</th>
<th>Unable set the BIOS password as the BIOS password status is locked.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The status of the password is Locked in BIOS and must be set to Unlocked for the operation to succeed.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Change BIOS password status in the BIOS setup from Locked to Unlocked and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (BIOS = BIOS Management)</td>
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<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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</table>
BIOS026

Message  
Password status cannot be set to locked when a System Password change is pending.

Detailed Description  
The status of the Password cannot be set to locked, because currently there is a System Password change is pending.

Recommended Response Action  
Wait until the pending System Password change is applied or delete the pending System Password change and retry the operation.

Category  
Configuration (BIOS = BIOS Management)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert  

No alerts are applicable for this message

BIOS027

Message  
Unable to change the BIOS password because the password is currently being configured using plain text. Unable to set the attribute arg1.

Arguments  
arg1 = attribute name

Detailed Description  
The attribute identified in the message cannot be set, because the password is currently being reset by using plain text. The BIOS password cannot be simultaneously configured by using plain text and a hash.

Recommended Response Action  
Wait until the current password configuration process is completed, and then retry the operation.

Category  
Configuration (BIOS = BIOS Management)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert  

No alerts are applicable for this message

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BIOS028

Message: Unable to change the BIOS password using plain text because the password is currently being configured using a hash.

Detailed Description: The BIOS password cannot be simultaneously configured by using plain text and a hash.

Recommended Response Action: Wait until the current password configuration process is completed and retry the operation.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

BIOS029

Message: Unable to change the BIOS password because an Export Server Profile operation is already running.

Detailed Description: The BIOS password cannot be configured because an Export Server Profile operation is already running.

Recommended Response Action: Wait until the current export operation is completed, and then retry the operation.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

BIOS030

Message: Unable to change the BIOS password because an Import Server Profile operation is already running.

Detailed Description: The BIOS password cannot be configured because an Import Server Profile operation is already running.

Recommended Response Action: Wait until the current import operation is completed, and then retry the operation.

Category: Configuration (BIOS = BIOS Management)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
No alerts are applicable for this message

BIOS101

Message
Unable to read or change any of the system BIOS configuration settings.

Detailed Description
The system configuration data that BIOS exposes to Server Administrator is malformed or not available and Server Administrator is unable to read or change any of the system BIOS configuration settings.

Recommended Response Action
Power cycle the system and retry the operation. If the problem persists, reinstall the BIOS firmware Update Package.

Category
Configuration (BIOS = BIOS Management)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC

CMC

BIOS102

Message
A system BIOS update is scheduled that requires a reboot.

Detailed Description
A BIOS update job is scheduled through the remote access controller, and the system must be rebooted to apply the update.

Recommended Response Action
Reboot the system to apply the BIOS update.

Category
Audit (BIOS = BIOS Management)

Severity
Severity 3 (Informational)

OMSA Event ID
5002

Redfish Event Type
Alert

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BIOS103

Message: A previously scheduled system BIOS update is canceled.

Detailed Description: A previously scheduled BIOS update job is cancelled.

Recommended Response Action: No response action is required.

Category: Audit (BIOS = BIOS Management)

Severity: Severity 3 (Informational)

OMSA Event ID: 5003

Redfish Event Type: Alert

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BOOT Event Messages

BOOT001

Message: The command was successful.
Detailed Description: The command was successful.
Recommended Response Action: No response action is required.
Category: Configuration (BOOT = BOOT Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

BOOT002

Message: Resource allocation error
Detailed Description: Unable to allocate required memory to perform the operation
Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.
Category: Configuration (BOOT = BOOT Control)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

BOOT003

Message: Method not supported
Detailed Description: This operation is not supported on the current configuration.
Recommended Response Action: This operation is not supported on the current configuration, check documentation and try again.
Category: Configuration (BOOT = BOOT Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT004**

Message: Invalid number of Boot Source arguments
Detailed Description: An invalid number of source arguments was passed to the method.
Recommended Response Action: Check documentation and try again (details)
Category: Configuration (BOOT = BOOT Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT005**

Message: Missing required parameter.
Detailed Description: One or more of the invoked methods required parameters are missing.
Recommended Response Action: Check documentation for the method in question and try again.
Category: Configuration (BOOT = BOOT Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT006**

Message: Invalid Boot Source InstanceID
Detailed Description: One or more of the Boot Source instance IDs does not contain valid data.
Recommended Response Action: Verify that all of the Boot Source instance IDs being entered are as they appear in the DCIM_BootSourceSetting enumeration.
Category: Configuration (BOOT = BOOT Control)
Severity: Severity 3 (Informational)
BOOBOOT007
Message
Alert
No alerts are applicable for this message

Message
Boooot Source does not belong to specified Boot Configuration
Detailed
One or more of the Boot Source instance IDs does not belong to the affected Boot Configuration.
Recommended
ChangeBootOrderByInstanceID only accepts Boot Sources from the impacted Boot Configuration. Verify that all source arguments belong to the desired Boot Configuration.
Response Action
Category
Configuration (BOOT = BOOT Control)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert
No alerts are applicable for this message

BOOBOOT008
Message
Source argument contains more devices than are present on the system
Detailed
More source arguments were provided than are available for the impacted Boot Configuration.
Recommended
Verify that all of the Boot Source instance IDs being entered are as they appear in the DCIM_BootSourceSetting enumeration.
Response Action
Category
Configuration (BOOT = BOOT Control)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert
No alerts are applicable for this message

BOOBOOT009
Message
Boot Sources cannot be found for this Boot Configuration
Detailed
No Boot Sources could be found for the desired Boot Configuration.
Recommended
Verify that Boot Sources for the indicated Boot Configuration are displaying when enumerating DCIM_BootSourceSetting. Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.
Response Action
Category
Configuration (BOOT = BOOT Control)
Severity
Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT010**

Message: Could not locate vFlash partition index

Detailed Description: The provided vFlash partition index could not be found on the system.

Recommended Response Action: Verify that a vFlash partition with the desired index exists on the System.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT011**

Message: Failed to set vFlash partition for one time boot

Detailed Description: The provided vFlash partition could not be set for one time boot.

Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT012**

Message: Job started to attach and set vFlash SD card partition for OneTime boot.

Detailed Description: A job was created to configure a OneTime boot to the specified vFlash SD card partition. If this partition was not attached to the system, the job attaches it as well.

Recommended Response Action: No response action is required.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
No alerts are applicable for this message

**BOOT013**

**Message** Cannot make changes to non-active boot list.

**Detailed Description**
The boot list is currently not active. Changes cannot be made to boot list that is not active.

**Recommended Response Action**
Alter boot mode to set the boot list active and retry the operation.

**Category** Configuration (BOOT = BOOT Control)

**Severity** Severity 2 (Warning)

**Redfish Event Type** Alert

No alerts are applicable for this message

**BOOT014**

**Message** Virtual media not ready.

**Detailed Description**
The systems SD card has been removed or is in use.

**Recommended Response Action**
Verify that the SD card is inserted and that another operation is not in progress, and try again.

**Category** Configuration (BOOT = BOOT Control)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert

No alerts are applicable for this message

**BOOT015**

**Message** Set operation successful for the boot partition.

**Detailed Description**
The boot partition configuration request was successful. An unattached vFlash partition was configured for one-time boot using the ChangeBootOrderByInstanceID method. The method creates a job (to attach the vFlash partition and set the partition for one-time boot.

**Recommended Response Action**
No response action is required.

**Category** Configuration (BOOT = BOOT Control)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert
BOOT016

Message: Input source argument value for the boot device is incorrect or not found among the boot devices on the system.

Detailed Description: The input source argument value referring to the boot device is incorrect or empty. The boot device identifier must match the InstanceID for the BootSourceSetting instance that represents the boot device.

Recommended Response Action: Use the correct source argument value for the boot device and retry the operation.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

BOOT017

Message: Source argument does not support enable or disable mode.

Detailed Description: The boot device(s) specified in the source argument used in the operation cannot be enabled or disabled. This behavior applies to BCV devices and one-time boot.

Recommended Response Action: Refer to the documentation on validity of operation for the boot device specified. For more information on the operation, see Lifecycle Controller-Remote Services documentation.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

BOOT018

Message: Specified Boot Control List is read-only

Detailed Description: The Boot Control List specified in the operation is read-only and cannot be modified.

Recommended Response Action: Refer to the documentation on validity of operation for the Boot Control List specified. For more information on the operation, see Lifecycle Controller-Remote Services documentation.

Category: Configuration (BOOT = BOOT Control)

Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

**BOOT8500**

**Message**: Unable to change the BIOS boot order for the Server `arg1`.

**Arguments**: `arg1` = slot number

**Detailed Description**: Unable to change the BIOS boot order for the server because of a broken communication between the CMC and iDRAC, or iDRAC is rebooting.

**Recommended Response Action**: Reset iDRAC or wait until iDRAC reboots, and retry the operation.

**Category**: Configuration (BOOT = BOOT Control)

**Severity**: Severity 1 (Critical)

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# CBL Event Messages

## CBL0001

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<th>Message</th>
<th>Backplane arg1 power cable disconnected.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = bay ID</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>A backplane signal cable was detected, but the accompanying power cable was not present.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reconnect or replace the power cable. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (CBL = Cable)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
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## CBL0002

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<th>Message</th>
<th>Backplane arg1 signal cable disconnected.</th>
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</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = bay ID</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>A backplane power cable was detected, but the accompanying signal cable was not present.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reconnect or replace the signal cable for the backplane identified in the message. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (CBL = Cable)</td>
</tr>
<tr>
<td>Severity</td>
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<tr>
<td>Redfish Event Type</td>
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</table>
### CBL0003

**Message**
Backplane arg1 arg2 cable is disconnected.

**Arguments**
- arg1 = bay ID, arg2 = cable name

**Detailed Description**
The backplane cable identified in the message is disconnected or no cable is detected.

**Recommended Response Action**
Reconnect or replace the cable identified in the message. If the issue persists, contact your service provider.

**Category**
System Health (CBL = Cable)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2393

**Redfish Event Type**
Alert

### CBL0004

**Message**
The arg1 cable is incorrectly connected to backplane arg2 connector arg3.

**Arguments**
- arg1 = cable name, arg2 = bay ID, arg3 = connector name

**Detailed Description**
The cable identified in the message is incorrectly connected to the backplane connector.
Recommended Response Action: Make sure the cable identified in the message is cabled correctly. If the issue persists, contact your service provider.

Category: System Health (CBL = Cable)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**CBL0005**

Message: Backplane arg1 arg2 connector incorrectly connected to the motherboard SATA controller.

Arguments: arg1 = bay ID, arg2 = connector name

Detailed Description: The backplane connector identified in the message is incorrectly connected to the motherboard SATA controller.

Recommended Response Action: Make sure the cable identified in the message is cabled correctly. If the issue persists, contact your service provider.

Category: System Health (CBL = Cable)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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278
### CBL0006

**Message**  
Unsupported backplane arg1 configuration: Multiple RAID controllers cannot be connected to the same backplane.

**Arguments**  
arg1 = bay ID

**Detailed Description**  
Each server model only supports a certain set of backplane configurations. For unified backplanes or split mode capable backplanes that are in unified mode, multiple controllers cannot be connected to the same backplane. In unified backplane situations any controller besides the first will not be operational.

**Recommended Response Action**  
Make sure that only one RAID controller is connected to the backplane. If the issue persists, contact your service provider.

**Category**  
System Health (CBL = Cable)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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### CBL0007

**Message**  
Backplane arg1 arg2 cable and backplane arg3 arg4 cable are swapped.

**Arguments**  
arg1 = bay ID, arg2 = cable name, arg3 = bay ID, arg4 = cable name

**Detailed Description**  
The backplane cables identified in the message need to be connected to the correct backplane bays.

**Recommended Response Action**  
Make sure the cables identified in the message are cabled correctly. If the issue persists, contact your service provider.

**Category**  
System Health (CBL = Cable)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
CBL0008

Message
One or more cables are missing from arg1.

Arguments
arg1 = controller name

Detailed Description
One or more cables have been detected as missing from the Fault Tolerant storage controller identified in the message.

Recommended Response Action
Make sure all cables are properly connected. For information about cabling, see the Owners Manual available at the support site.

Category
Storage (CBL = Cable)

Severity
Severity 2 (Warning)

Trap/EventID
4442

Redfish Event Type
Alert

CBL8500

Message
SAS cable arg1 to expander arg2 is not connected.

Arguments
arg1 = cable id, arg2 = expander id

Detailed Description
SAS cables are not connected to the expander correctly.
| **Recommended Response Action** | Check whether or not the SAS cables are connected to the expander. Reconnect the cables and retry the operation. |
| **Category** | Storage (CBL = Cable) |
| **Severity** | Severity 1 (Critical) |
| **Redfish Event Type** | Alert |

No alerts are applicable for this message

---

**CBL8501**

| **Message** | SAS cable `arg1` is connected to the incorrect expander. |
| **Arguments** | `arg1` = cable id |
| **Detailed Description** | The SAS cable identified in the message is not connected to the correct expander. |
| **Recommended Response Action** | Reconnect the SAS cable to the correct expander and retry the operation. |
| **Category** | Storage (CBL = Cable) |
| **Severity** | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |

No alerts are applicable for this message
CMC Event Messages

CMC001

Message: The operation is successfully completed.
Detailed Description: The operation is successfully completed.
Recommended Response Action: No response action is required.
Category: Configuration (CMC = Chassis Management Controller)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

CMC002

Message: Unable to complete the operation because of an unknown issue.
Detailed Description: The operation cannot be successfully completed because of an unknown issue.
Recommended Response Action: Do one of the following: 1) Retry the operation. 2) Reset CMC and retry the operation.
Category: Configuration (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message.

CMC003

Message: Unable to complete the operation because the parameter arg1 is missing.
Arguments: arg1 = parameter name
Detailed Description: The operation cannot be completed because the parameter identified in the message is missing.
Recommended Response Action: Enter the missing parameter and retry the operation. For information about the parameters, see the CMC Profile document available on the support site.
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No alerts are applicable for this message

### CMC004

**Message**
Unable to complete the operation because the parameter `arg1` is invalid.

**Arguments**
`arg1` = parameter name

**Detailed Description**
The operation cannot be completed because the parameter identified in the message is invalid.

**Recommended Response Action**
Enter a valid parameter and retry the operation. For information about valid parameters, see the CMC Profile document available on the support site.

### CMC005

**Message**
Unable to complete the operation because of a mismatch between AttributeName and AttributeValue count.

**Detailed Description**
The operation cannot be completed because of a mismatch between AttributeName and AttributeValue count.

**Recommended Response Action**
Enter a valid AttributeName and AttributeValue count, and then retry the operation.

### CMC401

**Message**
Changing the Reserved QuickDeploy IP Addresses setting to `arg1` may create an issue in the future if higher density server nodes are inserted into the Chassis (for example, quarter-height servers). Press OK to continue.

**Arguments**
`arg1` = number of IP address

No alerts are applicable for this message
Detailed Description
Changing the Reserved QuickDeploy IP Addresses setting to <number of IP address> may create an issue in the future if higher density server nodes are inserted into the Chassis (for example, quarter-height servers).

Recommended Response Action
Select a higher number to accommodate future higher density server node additions, otherwise no response action is required.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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CMC8501

Message
Chassis Group Leader has synchronized this member's configuration.

Detailed Description
Multi Chassis Management feature on CMC allows for pushing the lead chassis configuration data to its members. This message appears in the members log when the configuration data is successfully synchronized with the Chassis group leader's configuration data.

Recommended Response Action
No response action required.

Category
Configuration (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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</table>
CMC8502

Message
Unable to access the IPv6 information of the server.

Detailed Description
CMC is unable to access the specified servers IPv6 information. Unable to display the specified servers Launch iDRAC link on the CMC Web interface.

Recommended Response Action
Enable IPv6 for the specified server using the CMC command line or CMC Web GUI interface, so that the link to launch iDRAC is displayed on the CMC Web interface. For the command line options or navigation for Web interface, see the Troubleshooting section in the CMC Users Guide.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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CMC8503

Message
Unable to access the IPv4 information of the server.

Detailed Description
CMC is unable to access the IPv4 information for the specified server. Unable to display the specified servers Launch iDRAC link on the CMC Web interface.

Recommended Response Action
Enable IPv4 on the specified slots iDRAC via the CMC command line or Web GUI interface, for the iDRACs launch point to show up on the CMC web GUI. For the command line options or navigation for Web interface, see the Troubleshooting section in the CMC Users Guide.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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CMC8504

Message
Unable to access server: arg1, because the NIC is disabled on the identified server.

Arguments
arg1 = slot number

Detailed Description
The NIC is disabled on the server identified in the message, and the CMC is unable to display the link to launch the iDRAC web interface.

Recommended Response Action
Enable the NIC on the server identified in the message using the CMC command line or CMC Web interface, so that the link to launch iDRAC is displayed on the CMC Web interface. To enable the NIC for DHCP using RACADM, enter "racadm setniccfg -m server-<slot number> -d" where <slot number> is the server identified in the message. To enable the NIC using the Web interface, click Server Overview > select the identified server, go to Setup > select the Enable LAN check box.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC

CMC8505

Message
Unable to access server: arg1 because both IPv4 and IPv6 are disabled. NIC Enabled = arg2.

Arguments
arg1 = slot number, arg2 = state

Detailed Description
IPv4 and IPv6 are disabled on the specified server and the CMC is unable to display the link to launch iDRAC web interface.

Recommended Response Action
Enable IPv4 or IPv6 for the specified server using the CMC command line or CMC Web GUI interface, so that the link to launch iDRAC is displayed on the CMC Web interface. To enable the NIC for DHCP using RACADM, enter "racadm setniccfg -m server-<slot number> -d" where <slot number> is the server identified in the message.
message. To enable the NIC using the Web interface, click Server Overview > select the identified server, go to Setup > select the Enable IPv4 check box and/or the Enable IPv6 check box.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tr>
<tr>
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</table>

**CMC8506**

A command to shut down the CMC was initiated.

No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

**CMC8506**

A command to shut down the CMC was initiated.

No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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CMC8507

Message  Extended Storage for primary CMC and secondary CMC synchronization is complete.

Detailed Description  The Extended Storage feature synchronizes data from the primary CMC removable flash media SD Card is synchronized with the secondary CMC removable flash media SD Card.

Recommended Response Action  No response action required.

Category  Audit (CMC = Chassis Management Controller)

Severity  Severity 3 (Informational)

Trap/EventID  8691

Redfish Event Type  Alert

CMC8508

Message  Unable to synchronize the primary and secondary CMC removable flash media and the Extended Storage feature is not available.

Detailed Description  The Extended Storage feature is not activated if the removable flash media SD Card on the secondary CMC is not functioning properly.

Recommended Response Action  Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Category  Audit (CMC = Chassis Management Controller)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert
### CMC8509

**Message**
Unable to activate the extended storage feature on the secondary CMC: \( \text{arg1} \). The feature will be deactivated.

**Arguments**
\( \text{arg1} = \text{cmc number} \)

**Detailed Description**
The extended storage feature is not activated if the media on the secondary CMC is no longer functional.

**Recommended Response Action**
Do one of the following, and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration and verify if the card on the secondary CMC displays errors. 2) Do a failover and then reprovision the card from the same GUI page. Reprovisioning is only allowed on the card of primary CMC. However, if both the options 1 and 2 fail, the card may be no longer functional.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**Redfish Event Type**
Alert

### CMC8510

**Message**
Unable to activate the extended storage feature on the secondary CMC: \( \text{arg1} \). The feature will return to single CMC mode.
Arguments

\[ \text{arg1} = \text{cmc number} \]

Detailed Description

This happens during promotion of extended storage feature from single CMC to dual CMC. If the media on Standby CMC is not healthy, this message is displayed and the feature returns to single CMC state.

Recommended Response Action

Do one of the following, and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration and verify if the card on the secondary CMC displays some errors. 2) Do a failover and then reprovision the card from the same GUI page. Reprovisioning is only allowed on the card of primary CMC. However, if both the options 1 and 2 fail, the card may be no longer functional.

Category

Audit (CMC = Chassis Management Controller)

Severity

Severity 1 (Critical)

Trap/EventID

8689

Redfish Event Type

Alert

---

CMC8511

Message

Unable to synchronize the data in the Extended Storage removable flash media in the primary and secondary CMCs.

Detailed Description

The data on the Extended Storage removable flash media SD cards is not synchronized when the CMC is unable to determine which card has the latest data.

Recommended Response Action

Disable and then enable the Extended Storage feature. Using racadm, execute the following commands: "racadm feature -d -c Extended Storage" to disable and then "racadm -a -c Extended Storage" to enable the feature. NOTE: All the data on the removable flash media SD card is erased when the feature is disabled.

Category

Audit (CMC = Chassis Management Controller)

Severity

Severity 2 (Warning)

Trap/EventID

8690

Redfish Event Type

Alert
CMC8512

Message
The Extended Storage feature activation timed out. The feature is not active.

Detailed Description
The Extended Storage feature is not activated if the removable flash media SD card on the secondary CMC does not respond within 90 seconds after activation is initiated.

Recommended Response Action
Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
8689

Redfish Event Type
Alert

CMC8513

Message
The Extended Storage feature activation on the secondary CMC timed out. The feature is being returned to single CMC mode.
Detailed Description: The Extended Storage feature activation on the secondary CMC timed out. If the media on Standby CMC doesn't respond within 90 seconds of confirming activation the feature returns to single CMC mode.

Recommended Response Action: Do the following and retry the operation: 1) In the CMC Web interface, go to Chassis Controller > Flash Media > Configuration, and verify if the SD card on secondary CMC displays errors. 2) If errors are displayed, execute the following racadm command: "racadm cmcchangeover". 3) Repair the removable flash media SD Card by selecting the Chassis Controller > Flash Media > Configuration > Repair Active Controller Media in the CMC Web interface. Repairing is only allowed on the SD card of the primary CMC. If the problem persists, replace the card.

Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 2 (Warning)
Trap/EventID: 8690
Redfish Event Type: Alert

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CMC8514

Message: Fabric mismatch is detected in the I/O Module arg1.
Arguments: arg1 = iom slot name
Detailed Description: This error may occur due to any of the following conditions: 1) Invalid I/O Module and mezzanine card configuration, where a newly installed I/O Modules fabric type and the resident mezzanine cards fabric types do not match or are incompatible. 2) Invalid I/O Module and I/O Module configuration, where a newly installed I/O Module has a different or incompatible fabric type from an I/O Module already installed in the fabric.

Recommended Response Action: Refer to Chassis Management Controller Users Guide for additional information.
Category: System Health (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Trap/EventID: 2545
Redfish Event Type: Alert
## CMC8516

**Message**
The I/O Module *arg1* did not boot within the expected time.

**Arguments**
*arg1* = iom slot name

**Detailed Description**
The I/O module may have taken more time to boot than was expected or the I/O module did not boot.

**Recommended Response Action**
Verify the I/O Module is turned on using CMC Web Interface or RACADM CLI and retry the operation. Otherwise, reinsert the I/O Module and retry the operation. If the problem persists, contact technical support.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2546

**Redfish Event Type**
Alert

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## CMC8517

**Message**
A double height server is detected in slot *arg1*, however the server is not detected in the bottom slot.

**Arguments**
*arg1* = slot number
**Detailed Description**
A double height server is detected in slot specified in the message, however the server is not detected in the bottom slot. This occurs if the server is not correctly inserted into the chassis.

**Recommended Response Action**
Remove the server from the chassis, check for any broken or bent pins at the rear of the server. If there is no damage, reinsert the server into the chassis.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**Redfish Event Type**
Alert

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**CMC8518**

**Message**
Detecting Double height server in slot \(arg1\) but the iDRAC in bottom slot \(arg2\) is also responding.

**Arguments**
\(arg1 = \) slot number, \(arg2 = \) slot number

**Detailed Description**
The Double height server identified in the message is detected in the top slot. However, the bottom slot is also responding which should not occur if a double height server is inserted.

**Recommended Response Action**
Do the following: 1) Remove the server identified in the message. 2) Restart the CMC and wait for the CMC to complete the start up process. 3) Reinsert the server identified in the message. If the problem persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**Redfish Event Type**
Alert

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CMC8519

Message
The LOM riser FRU for slot arg1 FRU ID arg2 is not functioning.

Arguments
arg1 = slot number, arg2 = fru id

Detailed Description
FRU of the LOM riser specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

CMC8520

Message
The FRU on server arg1 is not functioning.

Arguments
arg1 = slot number

Detailed Description
FRU on the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)
CMC8521

Message  The Mezz card 1 FRU for the server arg1 is not functioning.

Arguments  arg1 = slot number

Detailed Description  The Mezz card 1 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action  Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category  System Health (CMC = Chassis Management Controller)

Severity  Severity 1 (Critical)

Trap/EventID  2545

Redfish Event Type  Alert

CMC8522

Message  The Mezz card 2 FRU for the server arg1 is not functioning.
Arguments \( arg_1 = \text{slot number} \)

Detailed Description The Mezz card 2 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category System Health (CMC = Chassis Management Controller)

Severity Severity 1 (Critical)

Trap/EventID 2545

Redfish Event Type Alert

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CMC8523

Message The Mezz card 3 FRU for the server \( arg_1 \) is not functioning.

Arguments \( arg_1 = \text{slot number} \)

Detailed Description The Mezz card 3 FRU for the server specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server. 2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

Category System Health (CMC = Chassis Management Controller)

Severity Severity 1 (Critical)

Trap/EventID 2545

Redfish Event Type Alert

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</table>
**CMC8524**

**Message**
The Mezz card 4 FRU for the server arg1 is not functioning.

**Arguments**
arg1 = slot number

**Detailed Description**
The Mezz card 4 FRU for the server specified in the message is not functioning or CMC is unable to read it.

**Recommended Response Action**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server.
2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**Redfish Event Type**
Alert

**CMC8525**

**Message**
The FRU on the sleeve arg1 is not functioning.

**Arguments**
arg1 = slot number

**Detailed Description**
The FRU on the sleeve specified in the message is not functioning or CMC is unable to read it.

**Recommended Response Action**
Do the following: 1) Reset iDRAC of the specified server or virtual reseat the server.
2) Reset CMC and wait for a few minutes. If the issue persists, contact your service provider.

**Category**
System Health (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)
CMC8526

Message  Unable to retrieve the server- arg1 CPU information.
Arguments  arg1 = slot number
Detailed Description  CMC is unable to obtain the CPU information from the server specified in the message. This occurs if there is no communication between CMC and iDRAC.
Recommended Response Action  Do the following: 1) Reset iDRAC. 2) Reset CMC. If the issue persists, contact your service provider.
Category  System Health (CMC = Chassis Management Controller)
Severity  Severity 2 (Warning)
Trap/EventID  2546
Redfish Event Type  Alert

CMC8527

Message  Unable to retrieve the server- arg1 memory information.
Arguments  arg1 = slot number
Detailed Description
CMC is unable to obtain the memory information from the server specified in the message. This occurs if there is no communication between CMC and iDRAC.

Recommended Response Action
Do the following: 1) Reset iDRAC. 2) Reset CMC. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
2546

Redfish Event Type
Alert

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CMC8528

Message
Unable to obtain or send link tuning or flex address data to server- arg1.

Arguments
arg1 = slot number

Detailed Description
CMC is unable to obtain the link tuning or flex address information for the newly installed hardware (server, Input Output Module, or Mezzanine card), or is unable to send the link tuning or flex address information to iDRAC.

Recommended Response Action
Make sure that the currently installed CMC firmware is the latest. Otherwise, update the CMC with the latest CMC firmware and retry the operation.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
2546

Redfish Event Type
Alert

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</table>
**CMC8529**

**Message**
Unable to perform the requested action on the server- arg1, because of insufficient privileges.

**Arguments**

\[ \text{arg1} = \text{slot number} \]

**Detailed Description**
The user account does not have sufficient privileges to perform the requested operation. Server Administrator privilege is required to perform the requested action.

**Recommended Response Action**
Use a different user account that has Server Administrator privilege, and retry the operation. For more information, contact your system administrator or service provider.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**CMC8531**

**Message**
Unable to perform the requested action on the Sleeve or Sled arg1 because of insufficient user privileges.

**Arguments**

\[ \text{arg1} = \text{slot number} \]

**Detailed Description**
The user account does not have sufficient privileges to perform the virtual reseat operation on the Sleeve or Sled specified in the message. The server administration privilege is required to perform a virtual reseat operation. This applies to Sleeve or Sled components.
**Recommended Response Action**

Use a different user account that has server administration privileges, and retry the operation. For more information, contact your system administrator about necessary privileges.

**Category**

Audit (CMC = Chassis Management Controller)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

---

**CMC8532**

**Message**

Unable to perform the requested action on the peripheral sled arg1, because of insufficient privileges.

**Arguments**

arg1 = slot number

**Detailed Description**

The user account does not have sufficient privileges to perform the requested operation. Server Administrator privilege is required to perform the requested action.

**Recommended Response Action**

Use a different user account that has Server Administrator privilege, and retry the operation. For more information, contact your system administrator or service provider.

**Category**

Audit (CMC = Chassis Management Controller)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert
CMC8533

Message: Unable to read the FRU information, status = arg1
Arguments: arg1 = status value
Detailed Description: Unable to read the header of the extended FRU information. This can occur if there is a problem in the communication between the CMC and the server.
Recommended Response Action: Remove and reinsert the server. The CMC will retry the read operation of the FRU information. If the issue persists, contact your service provider.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

CMC8534

Message: Unable to turn on the server arg1 because the power requirement request exceeds the power cap value.
Arguments: arg1 = slot number
Detailed Description: Unable to turn on the server specified in the message, because the available power is lesser than the requested power.
Recommended Response Action: In the CMC Web interface, verify the available power and server power requirements. If sufficient power is available, retry the operation. Otherwise, increase the power cap value.
Category: System Health (CMC = Chassis Management Controller)
Severity: Severity 2 (Warning)
Trap/EventID: 2546
Redfish Event Type: Alert
**CMC8535**

**Message**
Unable to turn on High Power Management for the server \textit{arg1}.

**Arguments**
\textit{arg1} = slot number

**Detailed Description**
Unable to turn on the server specified in the message because of an internal CMC error.

**Recommended Response Action**
Reboot CMC and retry the operation. If the issue persists, reseat the server and retry the operation.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**Redfish Event Type**
Alert

---

**CMC8538**

**Message**
Firmware version string is too long.

**Detailed Description**
The length of the CMC firmware version to be sent in the message from local CMC to peer CMC is too long. Under these conditions, CMC version in the message is displayed as 1.0.
Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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CMC8539

Message
The CMC arg1 is unable to log arg2 event to the Hardware Log.

Arguments
arg1 = slot id, arg2 = event message

Detailed Description
CMC cannot log new events to Hardware Log if Hardware Log is full. Therefore, new events are not written to the log unless older events are cleared. This issue also occurs if event logging is disabled.

Recommended Response Action
Do the following: 1) Save the Hardware Log if required. 2) Clear the Hardware Log.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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CMC8540

**Message**
The CMC arg1 is turned on.

**Arguments**
arg1 = slot id

**Detailed Description**
The CMC specified in the message is turned on because of a CMC insertion or due to chassis AC power on.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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CMC8541

**Message**
The watchdog has reset the CMC arg1.

**Arguments**
arg1 = slot id

**Detailed Description**
The CMC specified in the message was reset by a watchdog event.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## CMC8542

**Message**
The CMC arg1 was restarted because of a manual reset.

**Arguments**
arg1 = slot id

**Detailed Description**
The CMC specified in the message was manually restarted.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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## CMC8543

**Message**
The CMC arg1 has reset because the thermal threshold was exceeded.

**Arguments**
arg1 = slot id

**Detailed Description**
The CMC specified in the message has reset because of thermal issues.

**Recommended Response Action**
Do the following: 1) Review the Hardware Log and check if there are fans that are not functioning properly. 2) Replace the fans that are not functioning properly. 3) If all the fans are functioning, check the chassis temperature in the CMC Web Interface or by using RACADM. When the fans are functioning properly and the chassis temperature is too high, the ambient air temperature is too high or the air inlets are not receiving sufficient air.

**Category**
Audit (CMC = Chassis Management Controller)
CMC8545

**Message**

Detected a missing process failover condition detected. Process = \textit{arg1}.

**Arguments**

\textit{arg1} = process name

**Detailed Description**

A firmware error has occurred causing a CMC failover. The process identified in the message was not detected. The CMC will restart automatically.

**Recommended Response Action**

No response action is required. If multiple failovers occur, contact your service provider.

**Category**

Audit (CMC = Chassis Management Controller)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

CMC8546

**Message**

Issues identified with Process \textit{arg1}. Failover condition detected.

**Arguments**

\textit{arg1} = process name
Detailed Description
A firmware error has occurred in the internal firmware process identified in the message. This condition will cause a CMC failover to occur. If the issue persists, contact your service provider.

Recommended Response Action
No response action is required. A failover may result from this condition. If multiple failovers occur, contact your service provider.

Category Audit (CMC = Chassis Management Controller)

Severity Severity 1 (Critical)

Redfish Event Type Alert

---

### CMC8547

**Message** Missing kernel module \textit{arg1}. Failover condition detected

**Arguments** \textit{arg1} = module name

**Detailed Description** A firmware error occurred causing the failover. If this condition continues, a failover will result. If multiple failovers occur, contact Service.

**Recommended Response Action** No response action is required. If the issue persists, contact your service provider.

**Category** Audit (CMC = Chassis Management Controller)

**Severity** Severity 1 (Critical)

**Redfish Event Type** Alert

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### CMC8547

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CMC8548

Message  The active Chassis Management Controller is no longer connected to an external network.

Detailed Description  The active Chassis Management Controller is not connected to an external network for more than 25 seconds. A failover is performed if the standby CMC is connected to the external network.

Recommended Response Action  Make sure that the external network cable is connected to the active CMC and the network switch. If the issue persists, contact your service provider.

Category  Audit (CMC = Chassis Management Controller)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

CMC8550

Message  The chassis health is arg1.

Arguments  arg1 = health state

Detailed Description  If the chassis health status changes, new status is logged. The possible states are Invalid, Other, Unknown, Healthy, Non-critical, Critical, and Non-recoverable.

Recommended Response Action  No response action is required.

Category  Audit (CMC = Chassis Management Controller)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert
### CMC8551

**Message**
The chassis health is *arg1*.

**Arguments**
*arg1* = health state

**Detailed Description**
The message is displayed if the chassis health is not OK (non-critical or critical). The message after this message in the log indicates cause for the issue.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### CMC8553

**Message**
An internal error occurred and a failover condition is detected.

**Detailed Description**
An internal I2C hardware occurred and CMC initiated a failover to clear the hardware error. If the issue persists, contact your service provider.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
CMC8554

**Message**
An internal network error occurred.

**Detailed Description**
An internal network error occurred. If none of the external sources have an issue, the CMC may have a hardware issue. If the issue persists, contact your service provider.

**Recommended Response Action**
Reseat the network cable and check the connectivity to the outbound switch.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### Filter Visibility
<table>
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<tr>
<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</table>

CMC8555

**Message**
An internal memory error has occurred and a failover condition is detected.

**Detailed Description**
An internal memory error occurred affecting the configuration database and CMC has initiated a failover. If the issue persists, contact your service provider.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔* | | | | |
CMC | ✔* | ✔ | | | | |

CMC8557

Message: The system health failover is requested. Code arg1.
Arguments: arg1 = number
Detailed Description: The code number specified in the message is displayed after a firmware error occurs before a failover.
Recommended Response Action: No response action is required.
Category: Audit (CMC = Chassis Management Controller)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔* | | | | |
CMC | ✔* | | | | | |

CMC8558

Message: The system health is restored.
Detailed Description: The system health has recovered from a failover condition.
Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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CMC8561

Message
Unable to send the email to arg1 after trying arg2 times.

Arguments
arg1 = destination, arg2 = number

Detailed Description
Unable to send the email alerts to the destination.

Recommended Response Action
Make sure to use a valid email address.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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</tbody>
</table>
CMC8562

Message
The log is cleared.

Detailed Description
The hardware log is cleared.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

CMC8563

Message
The KVM is mapped to the server slot arg1.

Arguments
arg1 = slot number

Detailed Description
The KVM is mapped to the server slot number specified in the message.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
CMC8564

Message
The KVM mapping feature is disabled.

Detailed Description
The KVM is not mapped to any of the server slots.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

CMC8565

Message
KVM mapping is enabled for the server slot arg1.

Arguments
arg1 = slot number

Detailed Description
The KVM mapping is enabled for the server slot specified in the message. The KVM cannot be mapped to this server slot.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**CMC8566**

**Message**  
KVM mapping is disabled for the server slot `arg1`.

**Arguments**  
`arg1` = slot number

**Detailed Description**  
The KVM mapping is disabled for the server slot specified in the message. The KVM
cannot be mapped to this server slot.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (CMC = Chassis Management Controller)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**CMC8567**

**Message**  
The DVD drive is mapped to the server slot `arg1`.

**Arguments**  
`arg1` = slot number

**Detailed Description**  
The DVD drive is mapped to the server slot specified in the message.

**Recommended Response Action**  
No response action is required.
**CMC8568**

**Message**
The DVD drive mapping feature is disabled.

**Detailed Description**
The DVD drive is disabled and is not mapped to any of the server slots.

**Recommended Response Action**
No response action is required.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Arguments**
arg1 = slot number

---

**CMC8569**

**Message**
The server slot arg1 is enabled for DVD drive mapping.

**Arguments**
arg1 = slot number
Detailed Description
The server slot specified in the message is enabled for DVD drive mapping. The DVD drive can be mapped to this server slot.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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</table>

**CMC8570**

Message
The server slot arg1 is disabled for DVD drive mapping.

Arguments
arg1 = slot number

Detailed Description
The server slot specified in the message is disabled for DVD drive mapping. The DVD drive cannot be mapped to this server slot.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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</table>
**CMC8571**

**Message**
The coin cell battery in the primary CMC is not working.

**Detailed Description**
The coin cell battery in the primary CMC is not working. The battery needs to be replaced.

**Recommended Response Action**
Replace the coin cell battery in the primary CMC.

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**Redfish Event Type**
Alert

<table>
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</table>

**CMC8572**

**Message**
The coin cell battery in CMC arg1 is not working.

**Arguments**
arg1 = slot id

**Detailed Description**
The coin cell battery in the CMC located in the slot specified in the message is not working. The battery needs to be replaced.

**Recommended Response Action**
Replace the coin cell battery of the standby CMC

**Category**
Audit (CMC = Chassis Management Controller)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**Redfish Event Type**
Alert

<table>
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</table>

320
CMC8573

**Message**  
The chassis health is `arg1`.

**Arguments**  
`arg1` = health state

**Detailed Description**  
The chassis health is critical or non-recoverable.

**Recommended Response Action**  
Review the Chassis log or the Chassis Management Controller(CMC) SEL log for the failure or Export chassis log and SEL log and contact technical support.

**Category**  
Audit (CMC = Chassis Management Controller)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

CMC8575

**Message**  
The RAC SSL Certificate is changed.

**Detailed Description**  
The RAC SSL Certificate is changed.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (CMC = Chassis Management Controller)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8691

**Redfish Event Type**  
Alert

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</table>
CMC8576

Message
The RAC CA Certificate is changed.

Detailed Description
The RAC CA Certificate is changed.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Trap/EventID
8691

Redfish Event Type
Alert

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CMC8577

Message
The Remote Access Controller (RAC) Kerberos Keytab is changed.

Detailed Description
The Remote Access Controller (RAC) Kerberos Keytab is changed.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Trap/EventID
8691

Redfish Event Type
Alert

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322
CMC8578

Message
The Remote Access Controller (RAC) SSL Certificate and key is changed.

Detailed Description
The Remote Access Controller (RAC) SSL Certificate and key is changed.

Recommended Response Action
No response action is required.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 3 (Informational)

Trap/EventID
8691

Redfish Event Type
Alert

CMC8579

Message
Unable to upload the security certificate because of an Unexpected Event issue in the Remote Access Controller (RAC).

Detailed Description
The security certificate cannot be uploaded because of an Unexpected Event issue in the Remote Access Controller.

Recommended Response Action
Upload the certificate again and retry operation.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Trap/EventID
8690

Redfish Event Type
Alert
CMMC8601

**Message**
The Chassis group arg1 is created.

**Arguments**
arg1 = group name

**Detailed Description**
The Chassis group identified in the message is created. This chassis is the leader of the group.

**Recommended Response Action**
No response action required.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

CMMC8602

**Message**
The Chassis group arg1 is deleted.

**Arguments**
arg1 = group name

**Detailed Description**
The Chassis group identified in the message is deleted. This chassis was the leader of the group.

**Recommended Response Action**
No response action required.
### CMC8603

**Message**
Unable to read the FRU information from the server `arg1`, status `arg2`.

**Arguments**
- `arg1` = server slot number, `arg2` = server status

**Detailed Description**
CMC cannot read the information about the FRU, because of an internal issue with the CMC and the server. Some information such as model number may not be reported. The server may not power up if the server planar FRU cannot be read.

**Recommended Response Action**
Remove and reinsert the server. The Chassis Management Controller will retry the read operation of the FRU information. If the issue persists, contact your service provider.

### CMC8604

**Message**
The FRU on storage sled `arg1` is not functioning.
Arguments
arg1 = slot number

Detailed Description
The FRU on the storage sled specified in the message is not functioning or CMC is unable to read it.

Recommended Response Action
Do the following: 1) Reinsert the specified storage sled or virtual reseat the sled 2) Reset CMC and wait for a few minutes for the CMC to finish restarting. If the issue persists, contact your service provider.

Category
System Health (CMC = Chassis Management Controller)

Severity
Severity 1 (Critical)

Trap/EventID
2545

Redfish Event Type
Alert

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CMC8605

Message
The chassis health state is no longer OK and is currently arg1.

Arguments
arg1 = health state

Detailed Description
The chassis health state is no longer OK and is currently the state identified in the message. Actions should be taken to resolve any outstanding issues so that the chassis health state will return to OK.

Recommended Response Action
Review the Chassis log or the Chassis Management Controller(CMC) SEL log for any outstanding issue(s) and resolve any issues found by performing the recommended response action for each issue found. If the issue persists, export the chassis log and CMC SEL log and contact your support provider.

Category
Audit (CMC = Chassis Management Controller)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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CMC8700

**Message**
The I/O Module in slot `arg1` is configured in secure IOM mode.

**Arguments**
`arg1` = slot number

**Detailed Description**
I/O Module identified in the message cannot be managed from the CMC when the I/O Module is configured in secure IOM mode.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (CMC = Chassis Management Controller)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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CPU Event Messages

CPU0000

Message  CPU arg1 has an internal error (IERR).
Arguments  arg1 = number
Detailed Description  System event log and OS logs may indicate that the exception is external to the processor.
Recommended Response Action  Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (CPU = Processor)
Severity  Severity 1 (Critical)
Trap/EventID  2241
LCD Message  CPU <number> internal error (IERR). Contact Support
OMSA Event ID  5604
OMSA Trap ID  5604
Redfish Event Type  Alert

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CPU0001

Message  CPU arg1 has a thermal trip (over-temperature) event.
Arguments  arg1 = number
Detailed Description: The processor temperature increased beyond the operational range. Thermal protection shut down the processor. Factors external to the processor may have induced this exception.

Recommended Response Action: Review logs for fan failures, replace failed fans. If no fan failures are detected, check inlet temperature (if available) and reinstall processor heatsink.

Category: System Health (CPU = Processor)

Severity: Severity 1 (Critical)

Trap/EventID: 2241

LCD Message: CPU <number> has a thermal trip. Check CPU heat sink

OMSA Event ID: 5604

OMSA Trap ID: 5604

Redfish Event Type: Alert

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**CPU0002**

Message: CPU arg1 has failed the built-in self-test (BIST).

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is inserted correctly, if the processor is removable. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (CPU = Processor)

Severity: Severity 1 (Critical)

Trap/EventID: 2241

Redfish Event Type: Alert
CPU0003

Message
CPU arg1 is stuck in POST.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
1) Turn off the server and disconnect input power for one minute. Re-apply input power and turn system on. 2) Reduce system configuration to minimum memory and remove all PCI devices. If system completes POST, update system BIOS. Re-install memory and PCI one component at a time to meet the original configuration. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

Redfish Event Type
Alert

CPU0004

Message
CPU arg1 failed to initialize.

Arguments
arg1 = number
CPU0005

Message
CPU arg1 configuration is unsupported.

Arguments
arg1 = number

Detailed Description
System is unable to boot or may run in a degraded state.

Recommended Response Action
Review product documentation for supported CPU configurations.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

OMSA Event ID
5604

OMSA Trap ID
5604

Redfish Event Type
Alert
CPU0006

Message: Unrecoverable CPU complex error detected on CPU arg1.

Arguments: arg1 = number

Detailed Description: System is unable to boot or may run in a degraded state.

Recommended Response Action: 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (CPU = Processor)

Severity: Severity 1 (Critical)

Trap/EventID: 2241

Redfish Event Type: Alert

CPU0007

Message: CPU arg1 is present.

Arguments: arg1 = number
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (CPU = Processor)

Severity
Severity 3 (Informational)

Trap/EventID
2243

OMSA Event ID
5602

OMSA Trap ID
5602

Redfish Event Type
Alert

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CPU0008

Message
CPU arg1 is disabled.

Arguments
arg1 = number

Detailed Description
System is unable to boot or may run in a degraded state.

Recommended Response Action
If unexpected, check presence, and system setup (BIOS) configuration.

Category
System Health (CPU = Processor)

Severity
Severity 2 (Warning)

Trap/EventID
2242

OMSA Event ID
5603

OMSA Trap ID
5603

Redfish Event Type
Alert
### CPU0009

**Message**

CPU arg1 terminator is present.

**Arguments**

arg1 = number

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (CPU = Processor)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2243

**Redfish Event Type**

Alert

---

### CPU0010

**Message**

CPU arg1 is throttled.

**Arguments**

arg1 = number

**Detailed Description**

The CPU is throttled due to thermal or power conditions.
**CPU0011**

**Message**
Uncorrectable Machine Check Exception detected on CPU arg1.

**Arguments**
arg1 = number

**Detailed Description**
None.

**Recommended Response Action**
Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
Uncorrectable Machine Check Exception detected on CPU <number>. Contact Support

**Redfish Event Type**
Alert

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CPU0012

Message Correctable Machine Check Exception detected on CPU arg1.

Arguments arg1 = number

Detailed Description None.

Recommended Response Action Review System Event Log and Operating System Logs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (CPU = Processor)

Severity Severity 2 (Warning)

Trap/EventID 2242

OMSA Event ID 5603

OMSA Trap ID 5603

Redfish Event Type Alert

CPU0016

Message CPU arg1 is operating correctly.

Arguments arg1 = number

Detailed Description None

Recommended Response Action No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Trap/EventID: 2243
Redfish Event Type: Alert

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CPU0021

Message: CPU arg1 is configured correctly.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Trap/EventID: 2243
Redfish Event Type: Alert

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CPU0024

Message  
CPU arg1 is enabled.

Arguments  
arg1 = number

Detailed Description  
None

Recommended Response Action  
No response action is required.

Category  
System Health (CPU = Processor)

Severity  
Severity 3 (Informational)

Trap/EventID  
2243

Redfish Event Type  
Alert

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CPU0025

Message  
CPU arg1 terminator is absent.

Arguments  
arg1 = number

Detailed Description  
System is unable to boot or may run in a degraded state.

Recommended Response Action  
Check presence and reinstall the terminator.

Category  
System Health (CPU = Processor)

Severity  
Severity 2 (Warning)

Trap/EventID  
2242

Redfish Event Type  
Alert
### CPU0700

**Message**

CPU arg1 initialization error detected.

**Arguments**

\[arg1 = \text{number}\]

**Detailed Description**

System BIOS was unable to boot the processor.

**Recommended Response Action**

1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health (CPU = Processor)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2241

**LCD Message**

CPU <number> initialization error detected. Power cycle system

**Redfish Event Type**

Alert

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### CPU0701

**Message**

CPU arg1 protocol error detected.

**Arguments**

\[arg1 = \text{number}\]
Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.

Recommended Response Action
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> protocol error detected. Power cycle system

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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CPUO702

Message
CPU bus parity error detected.

Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.

Recommended Response Action
Check system and operating system logs for exceptions. If no exceptions found, remove input power, reinstall the processor, then apply input power.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU bus parity error detected. Power cycle system

Redfish Event Type
Alert

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</table>
CPU0703

Message
CPU bus initialization error detected.

Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.

Recommended Response Action
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU bus initialization error detected. Power cycle system

Redfish Event Type
Alert

CPU0704

Message
CPU arg1 machine check error detected.

Arguments
arg1 = number

Detailed Description
System event log and OS logs may indicate that the exception is external to the processor.

Recommended Response Action
1) Check system and operating system logs for exceptions. If no exceptions are found continue. 2) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 3) Make sure the processor is seated correctly.
correctly. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2241

**LCD Message**  
CPU <number> machine check error detected. Power cycle system

**Redfish Event Type**  
Alert

---

**CPU0800**

**Message**  
CPU arg1 voltage regulator module is present.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2243

**Redfish Event Type**  
Alert

---
CPU0801

Message
CPU arg1 voltage regulator module failed.

Arguments
arg1 = number

Detailed Description
System performance may be degraded or the system may fail to operate.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> voltage regulator module failed. Reseat module

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔
✔
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 ✔

CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔
 ✔

CMC

CPU0802

Message
A predictive failure detected on CPU arg1 voltage regulator module.

Arguments
arg1 = number

Detailed Description
System performance may be degraded or the system may fail to operate.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (CPU = Processor)

Severity
Severity 2 (Warning)

Trap/EventID
2242
CPU0803

**Message**
The power input for CPU arg1 voltage regulator module is lost.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded or the system may fail to operate.

**Recommended Response Action**
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2241

**LCD Message**
Lost power input for CPU <number> voltage regulator module. Reseat module

CPU0804

**Message**
The power input for CPU arg1 voltage regulator module is outside of range.
Arguments $arg1 = \text{number}$

Detailed Description System performance may be degraded or the system may fail to operate.

Recommended Response Action 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (CPU = Processor)

Severity Severity 1 (Critical)

Trap/EventID 2241

LCD Message Power input for CPU <number> voltage regulator module is outside of range. Reseat module

Redfish Event Type Alert

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CPU0805

Message The power input for CPU $arg1$ voltage regulator module is outside of range, but it is attached to the system.

Arguments $arg1 = \text{number}$

Detailed Description System performance may be degraded or the system may fail to operate.

Recommended Response Action 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (CPU = Processor)

Severity Severity 2 (Warning)

Trap/EventID 2242

Redfish Event Type Alert
CPU0806

Message

CPU arg1 voltage regulator module is incorrectly configure.

Arguments

arg1 = number

Detailed Description

System performance may be degraded or the system may fail to operate.

Recommended Response Action

Review product documentation for proper configuration and installation procedures.

Category

System Health (CPU = Processor)

Severity

Severity 1 (Critical)

Trap/EventID

2241

LCD Message

CPU <number> voltage regulator module incorrectly configure. Check configuration

Redfish Event Type

Alert

CPU0816

Message

CPU arg1 voltage regulator module is absent.

Arguments

arg1 = number
Detailed Description
System performance may be degraded or the system may fail to operate.

Recommended Response Action
if removal was unintended, check presence and re-install.

Category
System Health (CPU = Processor)

Severity
Severity 1 (Critical)

Trap/EventID
2241

LCD Message
CPU <number> voltage regulator module absent. Check module

Redfish Event Type
Alert

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### CPU0817

**Message**
CPU arg1 voltage regulator module is operating normally.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (CPU = Processor)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2243

**Redfish Event Type**
Alert

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### CPU0819

**Message**  
The power input for CPU arg1 voltage regulator module has been restored.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2243

**Redfish Event Type**  
Alert

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### CPU0822

**Message**  
CPU arg1 voltage regulator module is configured correctly.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2243
CPU9000

Message: An OEM diagnostic event occurred.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (CPU = Processor)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

CPU9001

Message: CPU interconnect arg1 has a correctable error.
Arguments: arg1 = CPU number
Detailed Description: A correctable error was detected in propagation of signals between processors.
**Recommended Response Action**

Do the following: 1) Restart the server and verify whether or not the issue persists. 2) If yes, reseat the processors, and then restart the server. 3) If the issue persists, contact your server provider.

**Category**  
System Health (CPU = Processor)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2242

**LCD Message**  
CPU interconnect <CPU number> has a correctable error.

**Redfish Event Type**  
Alert

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350
CPUA Event Messages

CPUA0023

Message: CPU arg1 is absent
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: Verify processor installation. If present, reseat the processor.
Category: System Health (CPUA = Proc Absent)
Severity: Severity 1 (Critical)
Trap/EventID: 2457
LCD Message: CPU <number> is absent. Check CPU
OMSA Event ID: 5601
Redfish Event Type: Alert

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CTL Event Messages

CTL1

**Message**
Controller event log: *arg1*

**Arguments**
*arg1* = message

**Detailed Description**
This event is retrieved from the controller when iDRAC storage monitoring was not running. Such events which are generated in the past are logged as informational severity.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

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CTL10

**Message**
*arg1* alarm has been tested.

**Arguments**
*arg1* = Controller name

**Detailed Description**
The controller alarm test has run successfully. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)
Severity 3 (Informational)

Trap/EventID 4331
OMSA Event ID 2156
OMSA Trap ID 75100
Redfish Event Type Alert

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**CTL100**

**Message**
The Patrol Read operation was stopped and did not complete for **arg1**.

**Arguments**
arg1 = controller name

**Detailed Description**
The Patrol Read operation running on the controller was stopped by user request or an issue was detected by the controller.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

Trap/EventID 4331
Redfish Event Type Alert

<table>
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CTL101

Message  The arg1 is disabled.
Arguments  arg1 = controller name
Detailed Description  The controller identified in the message is disabled by a user action.
Recommended Response Action  No response action is required.
Category  Storage (CTL = Storage Contr)
Severity  Severity 3 (Informational)
Trap/EventID  4331
Redfish Event Type  Alert

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CTL102

Message  The arg1 is enabled.
Arguments  arg1 = controller name
Detailed Description  The controller identified in the message is enabled by a user action.
Recommended Response Action  No response action is required.
Category  Storage (CTL = Storage Contr)
Severity  Severity 3 (Informational)
Trap/EventID  4331
Redfish Event Type  Alert
CTL103

Message
The Check Consistency Mode value of arg1 is set to arg2.

Arguments
arg1 = controller name, arg2 = attribute value

Detailed Description
The Check Consistency Mode value of the controller identified in the message is set to the value identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

Redfish Event Type
Alert

CTL104

Message
The Enhanced Auto Import Foreign Config value of arg1 is set to arg2.

Arguments
arg1 = controller name, arg2 = attribute value

Detailed Description
The Enhanced Auto Import Foreign Config status of the controller identified in the message is set to the value identified in the message.
Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

Redfish Event Type
Alert

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CTL105

Message
The Patrol Read attribute arg1 is set to arg2 for arg3.

Arguments
arg1 = attribute name, arg2 = attribute value, arg3 = controller name

Detailed Description
The Patrol Read attribute identified in the message is set to the value identified in the message for the controller identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

Redfish Event Type
Alert

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356
CTL106

**Message**  The Background Initialization Rate of arg1 is set to arg2.

**Arguments**  arg1 = controller name, arg2 = initialization rate value

**Detailed Description**  The Background Initialization Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**  No response action is required.

**Category**  Storage (CTL = Storage Contr)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  4331

**Redfish Event Type**  Alert

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CTL107

**Message**  The Rebuild Rate of arg1 is set to arg2.

**Arguments**  arg1 = controller name, arg2 = rebuild rate value

**Detailed Description**  The Rebuild Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**  No response action is required.

**Category**  Storage (CTL = Storage Contr)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  4331

**Redfish Event Type**  Alert
###CTL108

**Message**

The Check Consistency Rate of `arg1` is set to `arg2`.

**Arguments**

`arg1` = controller name,  `arg2` = rate value

**Detailed Description**

The Check Consistency Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

###CTL109

**Message**

The Reconstruct Rate of `arg1` is set to `arg2`.

**Arguments**

`arg1` = controller name,  `arg2` = reconstruct rate value

**Detailed Description**

The Reconstruct Rate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**

No response action is required.
**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**Redfish Event Type**  
Alert

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**CTL11**

**Message**  
Configuration on arg1 was reset.

**Arguments**  
arg1 = controller name

**Detailed Description**  
A user operation to reset the controller configuration was performed.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2157

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

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359
**CTL110**

**Message**
The Patrol Read Rate of arg1 is set to arg2.

**Arguments**
arg1 = controller name, arg2 = patrol read rate

**Detailed Description**
The Patrol ReadRate of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

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**CTL111**

**Message**
The CopyBack Mode of arg1 is set to arg2.

**Arguments**
arg1 = controller name, arg2 = copyback mode

**Detailed Description**
The CopyBack Mode the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert
**CTL112**

**Message**
The Loadbalance Mode of arg1 is set to arg2.

**Arguments**
arg1 = controller name, arg2 = loadbalance mode

**Detailed Description**
The Loadbalance Mode of the controller identified in the message is set to the value identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

---

**CTL113**

**Message**
arg1 is not operating in Fault Tolerant Mode because of encryption key setting mismatch on its peer controller.

**Arguments**
arg1 = controller name

**Detailed Description**
The encryption key for the controller identified in the message does not match its peer.
Recommended Response Action
Disable HA and ensure the same encryption keys are configured on both controllers before setting HA.

Category
Storage (CTL = Storage Contr)

Severity
Severity 1 (Critical)

Trap/EventID
4329

LCD Message
Encryption Key Mismatch

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ |
CMC | ✔ | ✔ | ✔ |

CTL114

Message
The encryption key of arg1 matches with its peer controller.

Arguments
arg1 = controller name

Detailed Description
The encryption key for the controller identified in the message matches with its peer.

Recommended Response Action
No response action required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
Encryption Key Matches

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ |
**CTL12**

**Message**
An invalid SAS configuration has been detected on `arg1`. Details: `arg2`

**Arguments**
- `arg1` = Controller name
- `arg2` = error message

**Detailed Description**
The controller and attached enclosures are not cabled correctly.

**Recommended Response Action**
Refer to the storage hardware documentation for information on correct cabling configurations.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**OMSA Event ID**
2182

**OMSA Trap ID**
75400

**Redfish Event Type**
Alert

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**CTL13**

**Message**
The `arg1` cache has been discarded.

**Arguments**
- `arg1` = Controller name

**Detailed Description**
The controller has flushed the cache and all data in the cache has been lost. This may occur when the system has memory or battery problems that cause the controller to distrust the cache. Although user data may have been lost, this alert does not always indicate that relevant or user data has been lost.

**Recommended Response Action**
Verify that the battery and memory are functioning properly.
**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

**OMSA Event ID**  
2186

**OMSA Trap ID**  
75300

**Redfish Event Type**  
Alert

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**LC Log**  
LC

**OS Log**  
OS

**Power Off**  
Power

**Power Cycle**  
Cycle

**Reset**  
Reset

**Chassis Event Proxy**  
Proxy

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**CTL14**

**Message**  
Single-bit ECC error limit exceeded on the `arg1` DIMM.

**Arguments**  
`arg1` = controller name

**Detailed Description**  
The storage controller memory identified in the message is not operating correctly.

**Recommended Response Action**  
Contact your service provider.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

**OMSA Event ID**  
2187

**OMSA Trap ID**  
75300

**Redfish Event Type**  
Alert

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### CTL16

**Message**
None of the `arg1` properties are set.

**Arguments**
- `arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (`CTL = Storage Contr`)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2218

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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### CTL17

**Message**
`arg1 arg2` is changed to `arg3`.

**Arguments**
- `arg1` = Controller Name, `arg2` = propertyname, `arg3` = new value

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (`CTL = Storage Contr`)

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Trap/EventID: 4331
Redfish Event Type: Alert

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**CTL18**

**Message:** Load Balance and Auto Copyback on Predictive Failure has changed for arg1.

**Arguments:**
arg1 = Controller name

**Detailed Description:** This alert is provided for informational purposes.

**Recommended Response Action:** Re-issue the command.

**Category:** Storage (CTL = Storage Contr)

**Severity:** Severity 3 (Informational)

**Trap/EventID:** 4331

**OMSA Event ID:** 2222

**OMSA Trap ID:** 75100

**Redfish Event Type:** Alert

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CTL19

Message Abort CC on Error, Copyback, and Load Balance has changed for arg1.

Arguments arg1 = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action Re-issue the command.

Category Storage (CTL = Storage Contr)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2223

OMSA Trap ID 75100

Redfish Event Type Alert

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|        | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
|        |        |     |        |           |            |       |                    |
|        | iDRAC  | ✔*  |        |           |            |       |                    |
|        | CMC    | ✔   | ✔*     |           |            | ✔     |                    |

CTL2

Message arg1 rebuild rate has changed.

Arguments arg1 = Controller name

Detailed Description You have changed the controller rebuild rate. This alert is provided for informational purposes.

Recommended Response Action No response action is required.

Category Storage (CTL = Storage Contr)

Severity Severity 3 (Informational)

Trap/EventID 4331

OMSA Event ID 2142
**CTL20**

**Message**
Copyback and Load Balance has changed for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2224

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
**CTL200**

**Message**
The current firmware version `arg1` is older than the required version `arg2` for `arg3`.

**Arguments**
`arg1` = version number, `arg2` = version number, `arg3` = controller name

**Detailed Description**
The firmware on the controller identified in the message is not a supported version.

**Recommended Response Action**
Download the supported version from the service provider and install it on the controller.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2131

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

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**CTL201**

**Message**
The current driver version `arg1` ( `arg2` ) is older than the required driver version `arg3` ( `arg4` ) for `arg5`.

**Arguments**
`arg1` = major version number, `arg2` = minor version number, `arg3` = major version number, `arg4` = minor version number, `arg5` = controller name

**Detailed Description**
The controller driver for the identified controller is not a supported version.

**Recommended Response Action**
Download the supported version of the driver from the service provider and install it on the operating system.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2132

**OMSA Trap ID**
75300
CTL202

Message
Unable to open the firmware and driver configuration file \texttt{arg1} of \texttt{arg2}.

Arguments
\texttt{arg1} = file name, \texttt{arg2} = controller name

Detailed Description
Storage Management is unable to determine whether the system has the minimum required versions of the RAID controller firmware and driver due to one of the following: 1) Incorrect installation directory path to the configuration file. 2) Removed or renamed configuration file.

Recommended Response Action
Reinstall Server Administrator Storage Management software on the operating system.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

OMSA Event ID
2165

OMSA Trap ID
75300

Redfish Event Type
Alert

Filter Visibility

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Email Alert

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WS Eventing

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Redfish Eventing

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**CTL203**

**Message**
Abort Check Consistency on Error, Copyback or Auto Copyback on Predictive Failure, and Load Balance values are changed for arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The status of the changed attribute values are reported for information purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2219

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL204**

**Message**
Copyback or Auto Copyback on Predictive Failure and Load Balance values are changed for arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The status of the changed attribute values are reported for information purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2220

**OMSA Trap ID**
75100
**CTL205**

**Message**
Auto Copyback on Predictive Failure, Abort Check Consistency on Error, and Load Balance values are changed for \textit{arg1}.

**Arguments**
\textit{arg1} = controller name

**Detailed Description**
The status of the changed attribute values are reported for information purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2221

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

---

**CTL206**

**Message**
Abort Check Consistency on Error and Auto Copyback on Predictive Failure values are changed for \textit{arg1}.

---

372
Arguments  
arg1 = controller name

Detailed Description  
The status of the changed attribute values are reported for information purposes.

Recommended Response Action  
No response action is required.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 3 (Informational)

OMSA Event ID  
2227

OMSA Trap ID  
75100

Redfish Event Type  
Alert

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**CTL207**

Message  
Unable to import the Virtual Disk because the supported limit is exceeded on arg1.

Arguments  
arg1 = controller name

Detailed Description  
The number of Virtual Disks selected for import has exceeded the supported limit of Virtual Disks on the controller identified in the message.

Recommended Response Action  
Make sure that the number of Virtual Disks selected for import is within the supported limit on the controller, and retry the operation.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 3 (Informational)

OMSA Event ID  
2372

OMSA Trap ID  
75100

Redfish Event Type  
Alert

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373
CTL208

Message
Unable to authenticate the entered passphrase for the `arg1`.

Arguments
`arg1` = controller name

Detailed Description
Unable to authenticate the entered passphrase.

Recommended Response Action
Enter the correct passphrase and retry.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

OMSA Event ID
2392

OMSA Trap ID
75300

Redfish Event Type
Alert

CTL209

Message
Enabled persistent hot spare on `arg1`.

Arguments
`arg1` = controller name

Detailed Description
The persistent hot spare feature is enabled on the controller identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)
**CTL21**

**Message**
Abort CC on Error and Load Balance has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2225

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
## CTL210

**Message**
Disabled persistent hot spare on arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The persistent hot spare feature is disabled on the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2395

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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## CTL211

**Message**
The arg1 property changed on arg2 through Manage Physical Disk Power option.

**Arguments**
arg1 = property name, arg2 = controller name

**Detailed Description**
The physical disk properties displayed under “Manage Physical Disk Power” option has changed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2398

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert
CTL212

Message
The existing encryption key in the arg1 is deleted.

Arguments
arg1 = controller name

Detailed Description
This alert is generated when the encryption key in the controller is deleted.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

OMSA Event ID
2388

OMSA Trap ID
75100

Redfish Event Type
Alert

CTL213

Message
The Local Key Management (LKM) is enabled on arg1.

Arguments
arg1 = controller name

Detailed Description
The Local Key Management (LKM) security mode is enabled on the controller identified in the message.
**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2407

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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</table>

**CTL214**

**Message**
The Local Key Management (LKM) encryption key in the `arg1` has changed.

**Arguments**
`arg1` = controller name

**Detailed Description**
The Local Key Management (LKM) encryption key in the controller identified in the message has changed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2411

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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### CTL215

**Message**
Redundant path disconnected on arg1.

**Arguments**
arg1 = Controller Name

**Detailed Description**
The controller identified in the message has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.

**Recommended Response Action**
Make sure both the cables are securely attached to the enclosure and controller. For more information about connecting the cables to the enclosure, see the Cables Attached Correctly section in the PERC Users Guide. Also, make sure both Enclosure Management Modules (EMMs) are healthy.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2250

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

---

### CTL216

**Message**
Redundant path connection is restored on arg1.

**Arguments**
arg1 = Controller Name

**Detailed Description**
The communication in the redundant path on the connectors of the controller identified in the message is restored.
**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2253

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL217**

**Message**
Redundant path view is cleared on \textit{arg1}.

**Arguments**
\textit{arg1} = controller name

**Detailed Description**
The redundant path view on the controller identified in the message is cleared.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2370

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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CTL218

Message
The Auto Configure operation is successfully completed on arg1.

Arguments
arg1 = controller name

Detailed Description
The Auto Configure operation is successfully completed on the controller identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

OMSA Event ID
2447

OMSA Trap ID
75100

Redfish Event Type
Alert

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</table>

CTL219

Message
The disk write cache policy of non-RAID physical disk drives on the arg1 is changed.

Arguments
arg1 = controller name

Detailed Description
The disk write cache policy of non-RAID physical disk drives on the controller identified in the message is changed.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)

OMSA Event ID: 2450
OMSA Trap ID: 75100
Redfish Event Type: Alert

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CTL22

**Message**: Load Balance has changed for *arg1*.

**Arguments**: *arg1* = Controller name

**Detailed Description**: This alert is provided for informational purposes.

**Recommended Response Action**: Re-issue the command.

**Category**: Storage (CTL = Storage Contr)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 4331
**OMSA Event ID**: 2226
**OMSA Trap ID**: 75100
**Redfish Event Type**: Alert

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382
**CTL23**

**Message**
Copyback and Auto Copyback on Predictive Failure has changed for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2228

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL24**

**Message**
Abort CC on Error and Auto Copyback on Predictive Failure has changed for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2229
OMSA Trap ID 75100

Redfish Event Type Alert

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</table>

**CTL25**

**Message**
Auto Copyback on Predictive Failure has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2230

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL26**

**Message**
Copyback and Abort CC on Error has changed for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
Re-issue the command.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2231

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL27**

**Message**
The `arg1` alarm is silenced.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2232
OMSA Trap ID 75100
Redfish Event Type Alert

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**CTL28**

**Message**
The Background Initialization (BGI) rate has changed for `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2233

**OMSA Trap ID**
75100

Redfish Event Type Alert

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**CTL29**

**Message**
The Patrol Read rate has changed for *arg1*.

**Arguments**
*arg1* = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2234

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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**CTL3**

**Message**
*arg1* alarm is enabled.

**Arguments**
*arg1* = Controller name

**Detailed Description**
You have enabled the controller alarm. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2143
### CTL30

**Message**
The Check Consistency rate has changed for `arg1`.

**Arguments**
- `arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2235

**OMSA Trap ID**
75100

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CTL31

Message: Copyback is modified for arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: Re-issue the command.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2236

OMSA Trap ID: 75100

Redfish Event Type: Alert

Filter Visibility

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CTL32

Message: Abort CC on Error is modified for arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: Re-issue the command.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2237
The arg1 debug log file has been exported.

arg1 = Controller name

This alert is provided for informational purposes.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)
CTL34

Message  A foreign configuration was cleared on arg1.
Arguments  arg1 = controller name
Detailed Description  This is the result of a user operation.
Recommended Response Action  No response action is required.
Category  Storage (CTL = Storage Contr)
Severity  Severity 3 (Informational)
Trap/EventID  4331
OMSA Event ID  2239
OMSA Trap ID  75100
Redfish Event Type  Alert

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CTL35

Message  A foreign configuration was imported on arg1.
Arguments  arg1 = controller name
Detailed Description  The operation to import foreign configuration (virtual disks, host spares, and so on) completed successfully.
Recommended Response Action  Verify the foreign configuration was successfully imported by viewing the virtual disks and hot spares. See the hardware documentation for more information.
Category  Storage (CTL = Storage Contr)
Severity  Severity 3 (Informational)
Trap/EventID  4331
OMSA Event ID  2240
OMSA Trap ID 75100
Redfish Event Type Alert

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**CTL36**

**Message**
The Patrol Read mode has changed for arg1.

**Arguments**
arg1 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2241

**OMSA Trap ID**
75100

Redfish Event Type Alert

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CTL37

Message
A Patrol Read operation started for arg1.

Arguments
arg1 = controller name

Detailed Description
A patrol read operation was initiated by the controller or the user.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2242

OMSA Trap ID
75100

Redfish Event Type
Alert

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CTL38

Message
The Patrol Read operation completed for arg1.

Arguments
arg1 = controller name

Detailed Description
The patrol read task ended.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2243
CTL39

Message  The arg1 reconstruct rate has changed.

Arguments  **arg1** = Controller name

Detailed Description  This alert is provided for informational purposes.

Recommended Response Action  No response action is required.

Category  Storage (CTL = Storage Contr)

Severity  Severity 3 (Informational)

Trap/EventID  4331

OMSA Event ID  2267

OMSA Trap ID  75100

Redfish Event Type  Alert
**CTL4**

**Message**  
arg1 alarm is disabled.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
You have disabled the controller alarm. This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**OMSA Event ID**  
2144

**OMSA Trap ID**  
75100

**Redfish Event Type**  
Alert

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**CTL40**

**Message**  
Multi-bit ECC error on arg1 DIMM.

**Arguments**  
arg1 = Controller name

**Detailed Description**  
An error involving multiple bits has been encountered during a read or write operation. The error correction algorithm recalculates parity data during read and write operations. If an error involves only a single bit, it may be possible for the error correction algorithm to correct the error and maintain parity data. An error involving multiple bits, however, generally indicates data loss. In some cases, if the multi-bit error occurs during a read operation, then the data on the disk may be ok. If the multi-bit error occurs during a write operation, then data loss has occurred.

**Recommended Response Action**  
Replace the Dual In-line Memory Module (DIMM). The DIMM is a part of the controller battery pack. Refer to the storage hardware documentation for information on replacing the DIMM. You may need to restore data from backup.
Category: Storage (CTL = Storage Contr)
Severity: Severity 1 (Critical)
Trap/EventID: 4329
OMSA Event ID: 2289
OMSA Trap ID: 75400
Redfish Event Type: Alert

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CTL41


Arguments: arg1 = Controller name

Detailed Description: An error involving a single bit has been encountered during a read or write operation. The error correction algorithm has corrected this error.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)
Severity: Severity 2 (Warning)
Trap/EventID: 4330
OMSA Event ID: 2290
OMSA Trap ID: 75300
Redfish Event Type: Alert

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</table>
Enclosure Management Module (EMM) hot plug is not supported on arg1.

Arguments
arg1 = Controller name

Detailed Description
An attempt to hot plug an Enclosure Management Module (EMM) has been detected.

Recommended Response Action
If the new enclosure and its device are not detected by the operating system, try restarting your system to verify the newly attached enclosure and its sub-components are detected. See the hardware documentation for more information.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2304

OMSA Trap ID
75100

Redfish Event Type
Alert

Diagnostic message arg1 from arg2

Arguments
arg1 = args, arg2 = Controller name

Detailed Description
This alert is provided for informational purposes. The text for this alert is generated by the utility that ran the diagnostics and can vary depending on the situation.

Recommended Response Action
No response action is required.
Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331
OMSA Event ID: 2315
OMSA Trap ID: 75100

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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CTL44

Message: Diagnostic message arg1 from arg2

Arguments: arg1 = message, arg2 = Controller name

Detailed Description: A diagnostics test failed. The text for this message is generated by the tool that ran the diagnostics and can vary depending on the situation.

Recommended Response Action: Refer to the storage hardware documentation for more information on the diagnostic test.

Category: Storage (CTL = Storage Contr)

Severity: Severity 1 (Critical)

Trap/EventID: 4329
OMSA Event ID: 2316
OMSA Trap ID: 75400

Redfish Event Type: Alert

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CTL45

Message  Single-bit ECC error on arg1.
Arguments  arg1 = Controller name
Detailed Description  The Dual In-line Memory Module (DIMM) is beginning to malfunction.
Recommended Response Action  Replace the Dual In-line Memory Module (DIMM) to avoid data loss or data corruption. The DIMM is a part of the controller battery pack. Refer to hardware documentation for information on replacing the DIMM.
Category  Storage (CTL = Storage Contr)
Severity  Severity 2 (Warning)
Trap/EventID  4330
OMSA Event ID  2319
OMSA Trap ID  75300
Redfish Event Type  Alert

CTL46

Message  Single-bit ECC error. The arg1 DIMM is critically degraded.
Arguments  arg1 = Controller name
Detailed Description  The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur.
Recommended Response Action  Replace the DIMM immediately to avoid data loss or data corruption. The DIMM is a part of the controller battery pack. Refer to the storage hardware documentation for information on replacing the DIMM.
Category: Storage (CTL = Storage Contr)
Severity: Severity 1 (Critical)
Trap/EventID: 4329
OMSA Event ID: 2320
OMSA Trap ID: 75400
Redfish Event Type: Alert

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CTL47

**Message**: Single-bit ECC error on `arg1`.

**Arguments**: `arg1` = Controller name

**Detailed Description**: The Dual In-line Memory Module (DIMM) is malfunctioning. Data loss or data corruption may occur. The DIMM must be replaced immediately.

**Recommended Response Action**: Replace the DIMM immediately. The DIMM is a part of the controller battery pack. Refer to your hardware documentation for information on replacing the DIMM.

Category: Storage (CTL = Storage Contr)
Severity: Severity 1 (Critical)
Trap/EventID: 4329
OMSA Event ID: 2321
OMSA Trap ID: 75400
Redfish Event Type: Alert

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</table>
Message: A foreign configuration was detected on arg1.

Arguments: arg1 = controller name

Detailed Description: The controller has physical disks that were moved from another controller or have been removed and replaced on the current configuration. These physical disks contain virtual disks that were created on the current or other controller. See the storage hardware documentation for Import Foreign Configuration and Clear Foreign Configuration for more information. Foreign configuration is seen when a controller is replaced.

Recommended Response Action: Import or clear the detected foreign configuration using a configuration tool or utility.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331

OMSA Event ID: 2326

OMSA Trap ID: 75100

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC ✔ ✔ ✔ ✔ ✔ ✔

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CTL49

Message: The NVRAM has corrupted data on arg1.

Arguments: arg1 = Controller name

Detailed Description: The NVRAM has corrupted data. This may occur after a power surge, a battery failure, or for other reasons. The controller is reinitializing the NVRAM.
**Recommended Response Action**

No response action is required as the controller is taking the required corrective action. However, if this message is generated often (such as during each reboot), then replace the controller.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**OMSA Event ID**

2327

**OMSA Trap ID**

75300

**Redfish Event Type**

Alert

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**Message**

Bad block replacement error on **arg1**.

**Arguments**

**arg1** = Controller name

**Detailed Description**

A portion of a physical disk is damaged. See Receive a 'Bad Block' Alert with 'Replacement,' 'Sense,' or 'Medium' Error for more information.

**Recommended Response Action**

See Receive a 'Bad Block' Alert with 'Replacement,' 'Sense,' or 'Medium' Error for more information.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**OMSA Event ID**

2146

**OMSA Trap ID**

75300

**Redfish Event Type**

Alert

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402
### CTL50

**Message**

The arg1 NVRAM has corrupt data.

**Arguments**

arg1 = Controller name

**Detailed Description**

The NVRAM has corrupt data. The controller is unable to correct the situation.

**Recommended Response Action**

Replace the controller.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4330

**OMSA Event ID**

2328

**OMSA Trap ID**

75300

**Redfish Event Type**

Alert

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### CTL51

**Message**

arg1 SAS port report: arg2

**Arguments**

arg1 = Controller name, arg2 = message

**Detailed Description**

The text for this message is generated by the controller during runtime and can vary depending on the situation.

**Recommended Response Action**

Make sure the SAS cables attached to the enclosure/backplane are attached securely. Refer to the storage hardware documentation for more information on checking the cables. Contact technical support if the issue persists.
Category: Storage (CTL = Storage Contr)
Severity: Severity 2 (Warning)
Trap/EventID: 4330
OMSA Event ID: 2329
OMSA Trap ID: 75300
Redfish Event Type: Alert

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**CTL52**

Message: `arg1` SAS port report: `arg2`
Arguments: `arg1` = Controller name, `arg2` = args
Detailed Description: This alert is provided for informational purposes. The text for this alert is generated by the controller and can vary depending on the situation.
Recommended Response Action: No response action is required.
Category: Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)
Trap/EventID: 4331
OMSA Event ID: 2330
OMSA Trap ID: 75100
Redfish Event Type: Alert

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CTL53

Message
A controller hot plug has been detected.

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2332

OMSA Trap ID
75100

Redfish Event Type
Alert

CTL54

Message
arg1 event log: arg2

Arguments
arg1 = Controller name, arg2 = args

Detailed Description
This alert is provided for informational purposes. The text for this alert is generated by the controller and can vary depending on the situation.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)
**Trap/EventID**
4331

**OMSA Event ID**
2266;2334

**OMSA Trap ID**
75100;80100;85100;90100;95100;100100;105100;110100;115100;120100

**Redfish Event Type**
Alert

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**CTL55**

**Message**
arg1 event log: arg2

**Arguments**
arg1 = Controller name, arg2 = args

**Detailed Description**
The text for this alert is generated by the controller and can vary depending on the situation. This text is from events in the controller event log that were generated while Storage Management was not running.

**Recommended Response Action**
If there is a problem, review the controller event log and the Server Administrator alert log for significant events or alerts that may assist in diagnosing the problem. Verify the health of the storage components. See the hardware documentation for more information.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2335

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

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CTL56

Message
arg1 event log: arg2

Arguments
arg1 = Controller name, arg2 = args

Detailed Description
The text for this alert is generated by the controller and can vary depending on the situation. This text is from events in the controller event log that were generated while Storage Management was not running.

Recommended Response Action
See the hardware documentation for more information.

Category
Storage (CTL = Storage Contr)

Severity
Severity 1 (Critical)

Trap/EventID
4329

OMSA Event ID
2336

OMSA Trap ID
75400

Redfish Event Type
Alert

CTL57

Message
The factory default settings were restored on arg1.

Arguments
arg1 = controller Name

Detailed Description
The controller was reset to factory default configuration settings.

Recommended Response Action
No response action is required.
CTL58

Message  arg1 SAS SMP communications error arg2
Arguments  arg1 = Controller name, arg2 = args
Detailed Description  The text for this alert is generated by the firmware and can vary depending on the situation. The reference to SMP in this text refers to SAS Management Protocol.
Recommended Response Action  There may be a SAS topology error. See the hardware documentation for information on correct SAS topology configurations. There may be problems with the cables such as a loose connection or an invalid cabling configuration. See the Cables Attached Correctly section for more information on checking the cables. See the hardware documentation for information on correct cabling configurations. Verify that the firmware version is supported.

Category  Storage (CTL = Storage Contr)
Severity  Severity 1 (Critical)
Trap/EventID  4329
OMSA Event ID  2356
OMSA Trap ID  75400
Redfish Event Type  Alert

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CTL59

Message: arg1 SAS expander error: arg2
Arguments: arg1 = Controller name, arg2 = args
Detailed Description: There may be a problem with the enclosure. Verify the health of the enclosure and its components. To verify the health of the enclosure, select the enclosure object in the tree view. The Health sub-tab displays a red X or yellow exclamation point for enclosure components that are failed or degraded. See the enclosure documentation for more information.
Recommended Response Action: There may be a problem with the enclosure. Verify the health of the enclosure and its components. To verify the health of the enclosure, select the enclosure object in the tree view. The Health sub-tab displays a red X or yellow exclamation mark for enclosure components that are failed or degraded. See the enclosure documentation for more information.
Category: Storage (CTL = Storage Contr)
Severity: Severity 1 (Critical)
Trap/EventID: 4329
OMSA Event ID: 2357
OMSA Trap ID: 75400
Redfish Event Type: Alert

CTL6

Message: Bad block sense error from arg1
Arguments: arg1 = Controller name
### Detailed Description

A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

### Recommended Response Action

See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

### Category

Storage (CTL = Storage Contr)

### Severity

Severity 2 (Warning)

### OMSA Event ID

2147

### OMSA Trap ID

75300

### Redfish Event Type

Alert

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</table>

### CTL60

**Message**

A user has discarded data from the arg1 cache.

**Arguments**

arg1 = Controller name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

### Trap/EventID

4331

### OMSA Event ID

2360

### OMSA Trap ID

75100

### Redfish Event Type

Alert
**CTL61**

**Message**
Physical disks found missing from configuration during boot time on arg1.

**Arguments**
*arg1* = Controller name

**Detailed Description**
The controller has detected a change in the storage configuration between since its last shut down. This can generally happen if some configured physical disks are removed from the system when the system was shutdown.

**Recommended Response Action**
Shut down the system. Re-insert the removed physical disks and re-start the system.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**OMSA Event ID**
2361

**OMSA Trap ID**
75300

**Redfish Event Type**
Alert

---

**CTL62**

**Message**
arg1 on arg2 has missing drives and will go offline at boot.

**Arguments**
*arg1* = VD names, *arg2* = Controller name
Physical disk(s) have been removed from a virtual disk. The virtual disk will be in Failed state during the next system reboot. This alert is provided for informational purposes.

No response action is required.

Storage (CTL = Storage Contr)

Severity 3 (Informational)

4331

2362

75100

Alert

Shut down the system. Re-insert the removed physical disks and re-start the system.

Storage (CTL = Storage Contr)

Severity 2 (Warning)

4330

2364

75300

Alert

Previous configuration was found completely missing during boot time on arg1.

arg1 = Controller name

The controller is unable to retrieve storage configuration saved during last shut down. This can generally happen if some configured physical disks are removed from the system when the system was shutdown.

Shut down the system. Re-insert the removed physical disks and re-start the system.
### CTL64

**Message**

Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

**Arguments**

`arg1` = args, `arg2` = Controller name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (CTL = Storage Contr)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**OMSA Event ID**

2371

**OMSA Trap ID**

75100

**Redfish Event Type**

Alert

### CTL65

**Message**

Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

**Arguments**

`arg1` = args, `arg2` = Controller name
**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

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**CTL66**

**Message**
Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.

**Arguments**
arg1 = args, arg2 = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2373

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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CTL67

Message
Attempted to import Virtual Disk with missing span on arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

OMSA Event ID
2374

OMSA Trap ID
75100

Redfish Event Type
Alert

CTL68

Message
Attempted to import Virtual Disk with missing Physical Disk on arg1.

Arguments
arg1 = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)
### CTL69

**Message**
Attempted to import virtual disk with outdated physical disk information on `arg1`.

**Arguments**
`arg1` = Controller name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**OMSA Event ID**
2376

**OMSA Trap ID**
75100

**Redfish Event Type**
Alert

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CTL7

Message  Bad block medium error on arg1.
Arguments arg1 = Controller name
Detailed Description A portion of a physical disk is damaged. See Receive a 'Bad Block' Alert with 'Replacement,' 'Sense,' or 'Medium' Error for more information.
Recommended Response Action See Receive a 'Bad Block' Alert with 'Replacement,' 'Sense,' or 'Medium' Error for more information.
Category Storage (CTL = Storage Contr)
Severity Severity 2 (Warning)
Trap/EventID 4330
OMSA Event ID 2148
OMSA Trap ID 75300
Redfish Event Type Alert

CTL70

Message Attempted to import an orphan drive on arg1.
Arguments arg1 = Controller name
Detailed Description This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (CTL = Storage Contr)
Severity: Severity 3 (Informational)

Trap/EventID: 4331
OMSA Event ID: 2377
OMSA Trap ID: 75100
Redfish Event Type: Alert

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CTL71

Message: Attempted to import an incompatible Physical Disk on arg1.

Arguments: arg1 = Controller name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Trap/EventID: 4331
OMSA Event ID: 2378
OMSA Trap ID: 75100
Redfish Event Type: Alert

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</table>
Message: The foreign configuration overflow has occurred on arg1.
Arguments: arg1 = Controller name
Detailed Description: There is too much foreign configuration data to be imported in one attempt.
Recommended Response Action: Import these foreign configurations in multiple attempts.
Category: Storage (CTL = Storage Contr)
Severity: Severity 2 (Warning)
Trap/EventID: 4330
OMSA Event ID: 2379
OMSA Trap ID: 75300
Redfish Event Type: Alert

Foreign configuration is imported only partially. Some configurations failed to import on arg1.
Arguments: arg1 = Controller name
Detailed Description: This alert is provided for informational purposes.
Recommended Response Action: No response action is required.
Message  
Preserved cache detected on arg1.

Arguments  
arg1 = controller name

Detailed Description  
The controller has preserved data in the cache from a virtual disk, which it can no longer locate. No data loss has occurred as the controller is saving these operations in its cache.

Recommended Response Action  
Check for the existence of a foreign configuration and import if any. Check that enclosures are cabled correctly.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 2 (Warning)
CTL75

Message: Preserved cache discarded on arg1.

Arguments: arg1 = controller name

Detailed Description: The controller cache was discarded by the user. Data may have been lost or corrupted.

Recommended Response Action: If data was corrupted or lost, restore the data to the disk from a backup copy.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330

OMSA Event ID: 2257

OMSA Trap ID: 75300

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC ✓ ✓ ✓ ✓ ✓ ✓ ✓
CMC ✓ ✓ ✓ ✓ ✓ ✓ ✓

CTL76

Message: A configuration command could not be committed to disk on arg1.

Arguments: arg1 = Controller name

Detailed Description: The controller encountered errors while applying the configuration on the physical disks. The configuration command applied has not taken effect.

Recommended Response Action: Re-issue the failed configuration command or try with a different set of physical disks. Contact technical support if the problem persists.

Category: Storage (CTL = Storage Contr)
**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4329

**OMSA Event ID**  
2401

**OMSA Trap ID**  
75400

**Redfish Event Type**  
Alert

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**CTL77**

**Message**  
Flash of new firmware image(s) completed on arg1

**Arguments**  
arg1 = Controller Name

**Detailed Description**  
This alert message occurs if controller firmware is flashed successfully.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**Redfish Event Type**  
Alert

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CTL78

Message  Firmware image arg1 is flashing on arg2.
Arguments  arg1 = args, arg2 = Controller Name
Detailed Description  This alert message occurs if controller firmware is flashed.
Recommended Response Action  No response action is required.
Category  Storage (CTL = Storage Contr)
Severity  Severity 3 (Informational)
Trap/EventID  4331
Redfish Event Type  Alert

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CTL79

Message  Controller in arg1 is not supported and will not be powered on.
Arguments  arg1 = controller slot
Detailed Description  This controller does not support features required for this chassis. This controller will not be powered on to prevent data loss.
Recommended Response Action  Replace the controller with a supported controller.
Category  Storage (CTL = Storage Contr)
Severity  Severity 2 (Warning)
Trap/EventID  4330
Redfish Event Type  Alert
**CTL8**

**Message**  
Bad block extended sense error on \textit{arg1}.

**Arguments**  
\textit{arg1} = Controller name

**Detailed Description**  
A portion of a physical disk is damaged. See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

**Recommended Response Action**  
See Receive a “Bad Block” Alert with “Replacement,” “Sense,” or “Medium” Error for more information.

**Category**  
Storage (CTL = Storage Contr)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4330

**OMSA Event ID**  
2149

**OMSA Trap ID**  
75300

**Redfish Event Type**  
Alert

---

**CTL80**

**Message**  
\textit{arg1} experienced the following warning during startup: \textit{arg2}.

**Arguments**  
\textit{arg1} = controller name, \textit{arg2} = controller message
Detailed Description
The controller identified in the message has an issue as displayed in the message.

Recommended Response Action
To resolve this issue, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

Redfish Event Type
Alert

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**CTL81**

Message
Security key assigned to arg1 is modified.

Arguments
arg1 = controller name

Detailed Description
The security key assigned to the controller identified in the message is modified.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

Redfish Event Type
Alert

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CTL82

Message: arg1 is functioning normally.

Arguments: arg1 = controller name

Detailed Description: The controller identified in the message is functioning normally.

Recommended Response Action: No response action is required.

Category: Storage (CTL = Storage Contr)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

CTL83

Message: Communication with arg1 has been lost.

Arguments: arg1 = controller name

Detailed Description: The management controller is not communicating with the storage controller identified in the message. This may be because of any one of the following: a) PCIe subsystem is has stopped functioning b) An issue in the storage controller c) An issue in the management controller.

Recommended Response Action: Restart the server. If the issue persists, contact your service provider.

Category: Storage (CTL = Storage Contr)

Severity: Severity 2 (Warning)

Trap/EventID: 4330
### CTL84

**Message**: arg1 is running an unsupported firmware version.

**Arguments**: arg1 = controller name

**Detailed Description**: The firmware on the controller identified in the message is not supported by this version of the CMC. This may result in degraded functionality.

**Recommended Response Action**: Update the CMC Firmware to the latest version available or revert the controller firmware to a previous version.

**Category**: Storage (CTL = Storage Contr)

**Severity**: Severity 2 (Warning)

**Trap/EventID**: 4330

**Redfish Event Type**: Alert

### CTL85

**Message**: arg1 is operating at less than optimal bandwidth.

**Arguments**: arg1 = controller name
Detailed Description
The controller identified in the message experienced a PCIe training error and is operating at less than full bandwidth. Until this issue is resolved, a reduction in the storage performance is expected.

Recommended Response Action
Perform a Powercycle operation on the Chassis. If the issue persists, contact your service provider.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

Redfish Event Type
Alert

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CTL86

Message
arg1 is operating in Fault Tolerant Mode.

Arguments
arg1 = controller name

Detailed Description
The controller is operating in conjunction with another controller to service the same set of virtual and physical disks, providing better redundancy.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

Redfish Event Type
Alert

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**CTL87**

**Message**
arg1 settings do not match the settings of its peer.

**Arguments**
arg1 = controller name

**Detailed Description**
One or more settings on the controller identified in the message do not match the settings of its peer controller. This can cause issues in a fault tolerant setup.

**Recommended Response Action**
Make sure that each controller is using the same setting by reconfiguring the settings of the identified controller.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**Redfish Event Type**
Alert

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**CTL88**

**Message**
arg1 firmware does not match the firmware of its peer controller.

**Arguments**
arg1 = controller name

**Detailed Description**
The firmware running on the controller identified in the message does not match the firmware version of its peer controller. This can cause issues in a fault tolerant setup.

**Recommended Response Action**
Make sure each controller is using the same firmware by updating the firmware of the identified controller.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 2 (Warning)
CTL89

Message   arg1 is no longer fault tolerant because the peer controller is not available.
Arguments  arg1 = controller name
Detailed Description     The peer controller is no longer active in this fault tolerant pair. This can be a temporary situation.
Recommended Response Action     Check the chassis log for issues with the peer controller. If the peer controller does not resume normal operations after 5 minutes contact your service provider.
Category     Storage (CTL = Storage Contr)
Severity     Severity 2 (Warning)
Trap/EventID     4330
Redfish Event Type     Alert

CTL9

Message   Bad block extended medium error on arg1.
Arguments  arg1 = Controller name
A portion of a physical disk is damaged. See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

See Receive a "Bad Block" Alert with "Replacement," "Sense," or "Medium" Error for more information.

Storage (CTL = Storage Contr)

Severity 2 (Warning)

4330

2150

75300

Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC ✔

CMC ✔

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC ✔

CMC ✔

 arg1 is not operating in Fault Tolerant Mode because of an incompatible peer controller.

 arg1 = controller name

The peer controller is not compatible with the controller identified in the message because of a hardware mismatch.

Replace the peer controller with the same model controller as the controller identified in the message.

Storage (CTL = Storage Contr)

Severity 1 (Critical)

4329

Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC ✔

CMC ✔


CTL91

Message
arg1 is unable to communicate with its peer.

Arguments
arg1 = controller name

Detailed Description
The controller identified in the message is unable to communicate with its peer. This can be because of a cabling issue.

Recommended Response Action
Check the cabling between the PERC cards and the expanders. If this does not resolve the issue then contact your service provider.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

Redfish Event Type
Alert

CTL92

Message
arg1 is not operating in Fault Tolerant Mode because of an incompatible license setting on its peer controller.

Arguments
arg1 = controller name

Detailed Description
The controller identified in the message licensed features do not match its peer.

Recommended Response Action
Update the license on the peer controller.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)
**CTL93**

**Message**
arg1 has been successfully changed to operate in Fault Tolerant mode.

**Arguments**
arg1 = controller name

**Detailed Description**
The controller identified in the message has been changed to operate as part of a fault tolerant pair.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
Alert

---

**CTL94**

**Message**
arg1 has been successfully changed to operate in single controller mode.

**Arguments**
arg1 = controller name
Detailed Description
The controller identified in the message has been changed to operate as a single controller and not as part of a fault tolerant pair.

Recommended Response Action
No response action is required.

Category
Storage (CTL = Storage Contr)

Severity
Severity 3 (Informational)

Trap/EventID
4331

Redfish Event Type
Alert

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### CTL95

Message
`arg1` has left the fault tolerant pair.

Arguments
`arg1 = controller name`

Detailed Description
The controller identified in the message has stopped operating in a fault tolerant mode.

Recommended Response Action
This situation may resolve itself in a few minutes. If the situation does not resolve itself or this message is repeated, contact your service provider.

Category
Storage (CTL = Storage Contr)

Severity
Severity 2 (Warning)

Trap/EventID
4330

Redfish Event Type
Alert

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CTL96

Message  
arg1 has entered safe mode with limited functionality due to arg2

Arguments  
arg1 = controller name, arg2 = controller message

Detailed Description  
The controller identified in the message has an issue as displayed in the message.

Recommended Response Action  
To resolve this issue, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 1 (Critical)

Trap/EventID  
4329

Redfish Event Type  
Alert

CTL97

Message  
arg1 personality changed to arg2 mode.

Arguments  
arg1 = controller name, arg2 = new mode

Detailed Description  
The controller identified in the message has been changed to a new personality mode (HBA or RAID).

Recommended Response Action  
No response action is required.

Category  
Storage (CTL = Storage Contr)

Severity  
Severity 3 (Informational)

Trap/EventID  
4331
OMSA Event ID: 2446
OMSA Trap ID: 75100
Redfish Event Type: Alert

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**CTL98**

**Message**
Security key assigned to arg1.

**Arguments**
arg1 = controller name

**Detailed Description**
The security key provided as input has been assigned to the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (CTL = Storage Contr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**Redfish Event Type**
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**CTL99**

**Message**
Security key assigned to arg1 is deleted.
Arguments  \texttt{arg1} = controller name

Detailed Description  The security key assigned to the controller identified in the message is deleted.

Recommended Response Action  No response action is required.

Category  Storage (CTL = Storage Contr)

Severity  Severity 3 (Informational)

Trap/EventID  4331

Redfish Event Type  Alert

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DH Event Messages

DH001

Message: Resource needed to perform the operation is unavailable.
Detailed Description: Resource temporarily unavailable
Recommended Response Action: Try again. If the error persists, use RACADM command racreset to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

DH002

Message: Internal I/O failure
Detailed Description: Internal I/O failure
Recommended Response Action: Try again. If the error persists, use RACADM command racreset to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

DH003

Message: Service tag could not be read
Detailed Description: Service Tag Missing
Recommended Response Action: Try again. If the error persists, use RACADM command racreset to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity 2 (Warning)
Redfish Event Type: Alert

DH004
Message: iDRAC does not have sufficient free resources to generate keys
Detailed Description: Error generation Keys
Recommended Response Action: Boot the OS. If the error persists, contact technical support.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

DH005
Message: CA Cert is corrupted, expired, or does not have signing privileges.
Detailed Description: Invalid CA Cert
Recommended Response Action: Close other iDRAC sessions and activities. Try again.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

DH006
Message: Not the right passphrase for the private key (need to re-write).
Detailed Description: Invalid Passphrase
Recommended Response Action: Validate that the certificate parameter matches the certificate contents; the certificate can be validated using OpenSSL tools.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 3 (Informational)
DH007

Message: The password unlocked the private key but it was the wrong private key.
Detailed Description: CA priv key/CA Cert mismatch
Recommended Response Action: Check that the private key parameter is correct. The passphrase can be validated against the private key, passphrase, and certificate can be validated using OpenSSL tools.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 3 (Informational)

DH008

Message: There was a problem saving the certificate to persistent storage.
Detailed Description: Unable to save the provided client certificate to internal persistent storage.
Recommended Response Action: Try again. If the error persists, use RACADM command racresetcfg to clear the issue.
Category: Configuration (DH = Cert Mgmt)
Severity: Severity 2 (Warning)

DH009

Message: The operation did not complete successfully because of an unexpected internal problem.
Detailed Description: An unexpected internal problem has occurred and the operation did not complete successfully.
Recommended Response Action: Remove AC power from the system and re-apply AC power to the system. After the server restarts, retry the operation. If the issue persists, contact your service provider.
Category: Configuration (DH = Cert Mgmt)
<table>
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<tr>
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<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
<tr>
<td>DH010</td>
<td></td>
</tr>
<tr>
<td>Message</td>
<td>Reset iDRAC to apply new certificate. Until iDRAC is reset, the old certificate will be active.</td>
</tr>
<tr>
<td></td>
<td>The iDRAC must be reset to apply a new certificate. Until the iDRAC has reset, the old certificate will be active.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reset the iDRAC. The iDRAC can be reset by pressing the Identify button for 15 seconds. Using the RACADM command line utility, run “racadm racreset”</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (DH = Cert Mgmt)</td>
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<td>Severity</td>
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<td><em>No alerts are applicable for this message</em></td>
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</tbody>
</table>
DIAG Event Messages

DIAG0000

Message: Pass
Detailed Description: All Tests passed
Recommended Response Action: OK, life is good.
Category: System Health (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

DIAG0111

Message: CPU arg1 : arg2 exception occurred.
Arguments: arg1 = Cpu Number, arg2 = Exception Type
Detailed Description: Issue is on system board. Recommend flash the latest BIOS and retry the diagnostics.
Recommended Response Action:
Category: System Health (DIAG = Diagnostic)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message
**DIAG0112**

**Message**
CPU arg1 - Machine check exception detected.

**Arguments**
arg1 = Cpu Number

**Detailed Description**

**Recommended Response Action**
Issue is on system board. Recommend flash the latest BIOS and retry the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**DIAG0114**

**Message**
Unable to start application processor(s). :OR: CPU arg1 (ID 0x arg2) did not reach test step arg3 :OR: CPU arg4 (ID 0x arg5) recorded unknown test result 0x arg6 :OR: CPU arg7 (ID 0x arg8) data error at address 0x arg9. Expected arg10

**Arguments**
arg1 = Decimal, arg2 = Hex, arg3 = Decimal, arg4 = Decimal, arg5 = Hex, arg6 = Hex, arg7 = Decimal, arg8 = Hex, arg9 = Hex, arg10 = Hex

**Detailed Description**
Depends on <Error Reason>. If it is "Unable to start" it usually indicates a software problem. "Cache integrity" could signal a processor cache hardware problem. The other CPU messages could result from hardware or from overheating, if for instance, the fans are marginal or airflow is blocked.

**Recommended Response Action**
Check temperatures in System Health tab for abnormally high temperatures and make sure airflow baffles are properly installed in the system, if any. Check fan RPM in System Health tab and verify actual fans are properly installed.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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443
DIAG0115

Message    CPU Stress Thermal condition. Limit arg1 C, Actual arg2 C.
Arguments    arg1 = Degrees, arg2 = Degrees
Detailed Description    Check fans. Check for obstructed air vents. Check for excessive amounts of dust.
Recommended Response Action
Category    System Health (DIAG = Diagnostic)
Severity    Severity 1 (Critical)
Redfish Event Type    Alert

DIAG0121

Message    Memory errors detected, but successfully resolved.
Detailed Description
Recommended Response Action    MemRx is enabled and repaired all memory errors that were found. DIMM replacement is optional.
Category    System Health (DIAG = Diagnostic)
Severity    Severity 3 (Informational)
Redfish Event Type    Alert

No alerts are applicable for this message
**DIAG0122**

**Message**
Memory errors detected. Limit exceeded. Additional errors will not be resolved.

**Detailed Description**

**Recommended Response Action**
MemRx is enabled and detected too many errors for safe resolution. Recommend DIMM replacement.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**DIAG0123**

**Message**
UEFI: Memory error detected. OR: LEGACY: Memory - integrity test discrepancy.

**Detailed Description**

**Recommended Response Action**
MemRX not enabled or not supported. Servers UEFI: Power down system and re-seat DIMMS. Retry test and if no error occurs it was a DIMM connection issue. Client LEGACY: Power down system and re-seat DIMMS. Retry test and if no error occurs it was a DIMM connection issue. Check for latest BIOS.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**DIAG0124**

**Message**
*arg1, arg2*

**Arguments**
*arg1 = Timestamp, arg2 = Log message*
Detailed Description: Log message is different for the log type supported by the system. An IPMI log may refer to "SEL", other log types also exist.

Recommended Response Action: Depends on <Log message>.

Category: System Health (DIAG = Diagnostic)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**DIAG0125**

Message: The event log indicates degraded or disabled ECC functionality. Memory testing cannot continue until the problems are corrected, the log cleared and the system rebooted.

Detailed Description: IPMI System Event Log is full for various reasons or logging has stopped because too many ECC errors have occurred.

Recommended Response Action: Clear the log and reboot and retest.

Category: System Health (DIAG = Diagnostic)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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### DIAG0126

**Message**
The event log(s) must be cleared before testing can continue.

**Recommended Response Action**
Clear the log, reboot, and retest.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### DIAG0131

**Message**
Battery - The battery is not installed.

**Recommended Response Action**
Install the battery but check for debris or damaged contacts.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### DIAG0132

**Message**
Battery - The battery is reaching the end of its usable life.
| **Recommended Response Action** | Replace the battery. |
| **Category** | System Health (DIAG = Diagnostic) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

---

**DIAG0133**

**Message**

Battery - The battery cannot provide sufficient power.

**Detailed Description**

Check battery contacts, plugs and cables. May need to replace battery.

**Recommended Response Action**

Check battery contacts, plugs and cables. May need to replace battery.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

**DIAG0134**

**Message**

arg1 - Charge cycles exceeded maximum limit

**Arguments**

arg1 = Battery

**Detailed Description**

Battery health data indicates the maximum number of charge cycles has been reached. Replace the battery.

**Recommended Response Action**

Battery health data indicates the maximum number of charge cycles has been reached. Replace the battery.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

**DIAG0141**

**Message**

Hard Drive - No Hard Drive detected.
Recommended Response Action

Hard drives are not required on all systems so this message is usually a warning.

Desktops and Servers: If the system has a hard disk, power down system and check the signal and power connections to it. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

Category

Storage (DIAG = Diagnostic)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

<table>
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**DIAG0142**

Message


Arguments

arg1 = Drive Location, arg2 = Serial Number, arg3 = DST Short, DST Long, arg4 = Error Reason

Detailed Description

Recommended Response Action

If `<Error Reason>` is "terminated" then the disk controller terminated the test so a retry of the test is advisable. Otherwise the hard drive should be replaced. (In the factory, this test type may also be DEFT, in addition to DST Short and DST Long. The "terminated" case should not occur in the field, only in development due to software issues)

Category

Storage (DIAG = Diagnostic)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

<table>
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### DIAG0143

**Message**

Hard Drive \(arg_1\) - SMART read command unsuccessful.

**Arguments**

\(arg_1 = \text{Drive Location}\)

**Detailed Description**

Mainly seen with very old hard drives

**Recommended Response Action**

No response action is required.

**Category**

Storage (DIAG = Diagnostic)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

### DIAG0144

**Message**

Hard Drive \(arg_1\) - self test not supported.

**Arguments**

\(arg_1 = \text{Drive Location}\)

**Detailed Description**

Mainly seen with very old hard drives

**Recommended Response Action**

No response action is required.

**Category**

Storage (DIAG = Diagnostic)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

### DIAG0145

**Message**

Hard Drive \(arg_1\) - S/N \(arg_2\), self test did not complete.

**Arguments**

\(arg_1 = \text{Drive Location}, \ arg_2 = \text{Serial Number}\)

**Detailed Description**

...
Recommended Response Action: Desktops and Servers: Power down the system and check the signal and power connections to the hard drive. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

Category: Storage (DIAG = Diagnostic)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**DIAG0146**

**Message**: Hard Drive arg1 - S/N arg2, self test log contains previous error(s).

**Arguments**: arg1 = Drive Location, arg2 = Serial Number

**Detailed Description**: Prior failure checking removed, is now obsolete.

**Recommended Response Action**: No response action is required.

**Category**: Storage (DIAG = Diagnostic)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

**DIAG0147**

**Message**: Optical Drive arg1 - Self test: arg2.

**Arguments**: arg1 = Nth Drive, arg2 = Error Reason

**Detailed Description**: This typically is a user error since these drives can be disconnected from the system. If disconnected, reconnect the optical drive to system board. Check BIOS setup to make sure the SATA port the drive is connected and has not been disabled. Rerun the diagnostic. If errors persist the optical drive is defective.
Category: Storage (DIAG = Diagnostic)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

**DIAG0148**

Arguments: arg1 = Nth Drive, arg2 = Hex, arg3 = Error Reason
Detailed Description: No response action is required.
Recommended Response Action: No response action is required.
Category: Storage (DIAG = Diagnostic)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0149**

Message: Optical Drive - no drive detected.
Detailed Description: No response action is required.
Recommended Response Action: No response action is required.
Category: Storage (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
**DIAG0150**

**Message**  
Hard Drive - No Hard Drive detected, or disk controller not supported.

**Detailed Description**  
Hard drives on desktops should be found if connected to the chipset disk controller but PERC/SCU/SAS Adapters are not supported by legacy ePSA so if the hard drive is connected to these controllers this message is just a warning. If the system has a hard disk connected to the System Board chipset disk controller, power down the system and check the signal and power connections to it. Rerun the diagnostic. If no error occurs then it was a cable or connector issue.

**Recommended Response Action**  

**Category**  
Storage (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**DIAG0151**

**Message**  
Hard Drive arg1 - S/N arg2, incorrect status = arg3 

**Arguments**  
arg1 = Drive Location, arg2 = Serial Number, arg3 = 80000000000000??, arg4 = Error Reason

**Detailed Description**  
SMART Predictive Failure indicates the hard drive has failed SMART and maybe nearing the end of its life. Other types of <Error Reason> in this category may indicate an intermittent or firmware problem, rerun the test again. Desktops, servers: Check the hard disk drive cables and connections. All systems: If error persists, make sure that hard disk drive firmware and BIOS are current. The <80000000000000??> value is an EFI error code returned by the driver.

**Recommended Response Action**  

**Category**  
Storage (DIAG = Diagnostic)

**Severity**  
Severity 1 (Critical)
Redfish Event Type  Alert

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### DIAG0152

**Message**  
Optical Drive arg1 - Incorrect status = arg2 arg3.

**Arguments**  
arg1 = Nth Drive, arg2 = Hex, arg3 = Error Reason

**Detailed Description**  
Check the drive cables and connections. If error persists, make sure that drive firmware and BIOS are current. The <80000000000000??> value is an EFI error code returned by the driver.

**Category**  
Storage (DIAG = Diagnostic)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

---

### DIAG0154

**Message**  
Tape Drive arg1 - S/N arg2, incorrect status = arg3 \n arg4.

**Arguments**  
arg1 = Drive Location, arg2 = Serial Number, arg3 = 80000000000000??, arg4 = Error Reason

---

454
Detailed Description
Recommended Response Action
Check installation of the tape drive, cables and connections. If the error persists, ensure that drive firmware is current.

Category Storage (DIAG = Diagnostic)
Severity Severity 2 (Warning)
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing
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DIAG0155

Message Hard Drive - Not installed.
Detailed Description Power down system and check the signal and power connections to the hard drive. Rerun the diagnostic. If no error occurs then it was a cable or connector issue. This error is issued for notebooks which must have a hard disk so it is an error if not found.
Category Storage (DIAG = Diagnostic)
Severity Severity 1 (Critical)
Redfish Event Type Alert

No alerts are applicable for this message

DIAG0212

Message System board - CMOS, Location = arg1 h, Expected = arg2 h, Found = arg3 h.
Arguments \( arg1 = \text{Hex}, \ arg2 = \text{Hex}, \ arg3 = \text{Hex} \)
Detailed Description Make sure that the system is running with the latest BIOS and rerun the diagnostics.
**DIAG0213**

Message: System board - CMOS battery failure detected.

Recommended Response Action: Replace the CMOS battery and retry the diagnostic. If the error persists, make sure the BIOS is current and retry the diagnostics.

**DIAG0221**

Message: System board - Interval timer not functional.

Recommended Response Action: Make sure the BIOS is current and retry the diagnostics.

**DIAG0232**

Message: RTC - did not generate periodic ticks.

Recommended Response Action: No response action is required.
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0233**

**Message**: System board - RTC seconds count is not updating.

**Detailed Description**: Make sure the BIOS is current and retry the diagnostics.

**Recommended Response Action**: Make sure the BIOS is current and retry the diagnostics.

**Category**: System Health (DIAG = Diagnostic)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

No alerts are applicable for this message

**DIAG0234**

**Message**: System board - HPET arg1, incorrect time period. Expected = arg2, Found = arg3.

**Arguments**: arg1 = 1, arg2 = Decimal, arg3 = Decimal

**Detailed Description**: Make sure the BIOS is current and retry the diagnostics.

**Recommended Response Action**: Make sure the BIOS is current and retry the diagnostics.

**Category**: System Health (DIAG = Diagnostic)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

No alerts are applicable for this message

**DIAG0235**

**Message**: PM timer 1 had wrong time period. Expected arg1, Actual arg2.

**Arguments**: arg1 = Decimal, arg2 = Decimal

**Detailed Description**: No response action is required.

**Recommended Response Action**: No response action is required.
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<td>Alert</td>
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</table>

No alerts are applicable for this message

**DIAG0241**

**Message**

BIOS - A20 gate not enabled.

**Detailed Description**

Make sure the BIOS is current and retry the diagnostics.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

No alerts are applicable for this message

**DIAG0242**

**Message**

System board - Interrupt controller, IRQ = arg1 : arg2 not detected.

**Arguments**

arg1 = Decimal, arg2 = IRQ Description

**Detailed Description**

Make sure the BIOS is current and retry the diagnostics.

**Recommended Response Action**

Make sure the BIOS is current and retry the diagnostics.

**Category**

System Health (DIAG = Diagnostic)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

No alerts are applicable for this message

**DIAG0243**

**Message**

USB controller error.

**Detailed Description**

Ensure that USB ports are intact, contain no failed device and that BIOS is current.

**Recommended Response Action**

After corrective action, rerun the diagnostics.
Category: System Health (DIAG = Diagnostic)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0244**

Message: USB device failed with return code 0x \textit{arg1}.
Arguments: \textit{arg1} = Hex

Detailed Description:

Recommended Response Action:
Ensure that the USB device is correctly inserted or try another USB port or device. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0245**

Message: Timeout waiting for the device to respond.

Detailed Description:

Recommended Response Action:
Ensure that the USB device is correctly inserted or try another USB port and/or to see if it is just a particular device or port. After corrective action, rerun the diagnostics. If the problem persists, ensure that BIOS is current.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG0251**

Message: Event log - The log contains failing records.

Detailed Description:
Recommended Response Action
This is normally a warning message indicating that the Event Log has not been checked lately. The Event Log provides various BIOS and Diagnostic events.

Category
System Health (DIAG = Diagnostic)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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### DIAG0261

**Message**
System board - Data errors

**Detailed Description**
This is an error message for multiple DIMM failures. Replace the memory one module at a time and re-run the diagnostics. If issue persists, replace the motherboard.

**Recommended Response Action**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### DIAG0313

**Message**
Touchpad - Pointing stick/touchpad not detected.

**Detailed Description**

**Recommended Response Action**
Make sure that the device firmware and BIOS are current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
No alerts are applicable for this message

**DIAG0314**

**Message**
Thermal: The \( \text{arg1} \) reading \( \text{arg2} \) C exceeds the thermal limit.

**Arguments**
\( \text{arg1} = \) Sensor Name, \( \text{arg2} = \) Degrees

**Detailed Description**
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.

**Recommended Response Action**
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**DIAG0315**

**Message**
Sensor: The \( \text{arg1} \) reading \( \text{arg2} \) C is lower than expected.

**Arguments**
\( \text{arg1} = \) Sensor Name, \( \text{arg2} = \) Degrees

**Detailed Description**
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.

**Recommended Response Action**
Check the event log for thermal events, including defective fans and defective sensors. Inspect the system for clogged or obstructed air vents. Make sure that the BIOS is current and rerun the diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
DIAG0321

Message  LCD EDID - Unable to access EDID EEPROM.
Detailed Description
Recommended Response Action  This could relate to the LCD connector and cables. Otherwise, flash the latest BIOS and retry diagnostics.
Category  System Health (DIAG = Diagnostic)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message

DIAG0322

Message  LCD panel - Unable to modify brightness.
Detailed Description
Recommended Response Action  Make sure that BIOS is current and rerun diagnostics.
Category  System Health (DIAG = Diagnostic)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

DIAG0323

Message  Unable to detect inverter lamp status.
Detailed Description
Recommended Response Action: No response action is required.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

DIAG0324

Message: LCD panel - User reported LCD BIST colors were not displayed.
Detailed Description: Possible user error, make sure that the BIOS is current and retry diagnostics.
Recommended Response Action: Possible user error, make sure that the BIOS is current and retry diagnostics.
Category: System Health (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

DIAG0325

Message: LCD panel - User provided no input for LCD BIST.
Detailed Description: Possible user error, make sure that the BIOS is current and retry diagnostics.
Recommended Response Action: Possible user error, make sure that the BIOS is current and retry diagnostics.
Category: System Health (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

DIAG0326

Message: LCD panel - Unable to turn lamp on or off.
Recommended Response Action: No response action is required.
**DIAG0327**

Message: LCD panel - Unable to use BIOS interface.

Recommended Response Action: Make sure that the BIOS is current and retry diagnostics.

**DIAG0328**

Message: LCD panel - Unable to detect variance in ambient light sensor.

Recommended Response Action: Make sure that the BIOS is current and retry diagnostics.

**DIAG0331**

Message: Video controller - No video controller detected.

Recommended Response Action: Make sure that the BIOS is current and retry diagnostics.
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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**DIAG0332**

Message: Video memory - Video memory integrity test discrepancy.
Detailed Description:
Recommended Response Action: Make sure that the BIOS is current and retry diagnostics.
Category: System Health (DIAG = Diagnostic)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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**DIAG0333**

Message: Video - User provided no input for graphics test
Detailed Description:
Recommended Response Action: No response to a diagnostic prompt and a timeout occurred. Retry the diagnostics.
**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**DIAG0334**

**Message**  
Video - User reported the patterns were not displayed.

**Detailed Description**

**Recommended Response Action**  
Possible user error. Otherwise, make sure that BIOS is current and retry diagnostics.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**DIAG0411**

**Message**  
Cables - arg1 not detected.

**Arguments**

arg1 = Hardware Name
<table>
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<th>Detailed Description</th>
<th>Recommended Response Action</th>
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**Category**  
System Health (DIAG = Diagnostic)  
**Severity**  
Severity 2 (Warning)  
**Redfish Event Type**  
Alert  

*No alerts are applicable for this message*

**DIAG0412**

**Message**  
Cables - arg1 not detected.  
**Arguments**  
arg1 = AUX LCD Name  
**Detailed Description**  
No response action is required.  
**Recommended Response Action**  
No response action is required.  
**Category**  
System Health (DIAG = Diagnostic)  
**Severity**  
Severity 2 (Warning)  
**Redfish Event Type**  
Alert  

*No alerts are applicable for this message*

**DIAG0413**

**Message**  
LCD Cable - LCD cable is not installed.  
**Detailed Description**  
No response action is required.  
**Recommended Response Action**  
No response action is required.  
**Category**  
System Health (DIAG = Diagnostic)  
**Severity**  
Severity 2 (Warning)  
**Redfish Event Type**  
Alert  

*No alerts are applicable for this message*

**DIAG0414**

**Message**  
Cables - arg1 not detected.
Arguments $arg1$ = Inverter Name

Detailed Description

Recommended Response Action

No response action is required.

Category System Health (DIAG = Diagnostic)

Severity Severity 2 (Warning)

Redfish Event Type Alert

*No alerts are applicable for this message*

**DIAG0415**

Message Cables - Check the following cable, jumper, connection, or sensor: $arg1$.

Arguments $arg1$ = Name

Detailed Description

Recommended Response Action Connect the described cable, jumper, sensor, or connection and retry the diagnostics.

Category System Health (DIAG = Diagnostic)

Severity Severity 2 (Warning)

Redfish Event Type Alert

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**DIAG0511**

Message Fan - The ($arg1$) fan failed to respond correctly.

Arguments $arg1$ = Name

Detailed Description
Recommended Response Action: 
The fan may be faulty, check for obstructions to the fan and vents. Make sure that BIOS is current and retry the diagnostics.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 1 (Critical)

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
<th>Remote System Log</th>
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<tr>
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</tr>
</tbody>
</table>

**DIAG0512**

Message: Fan - The (arg1) fan is running faster than expected.

Arguments: arg1 = Name

Recommended Response Action: Retry the diagnostics; if the problem persists, the fan is faulty. Make sure that the BIOS is current and retry the diagnostics.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 1 (Critical)

Redfish Event Type: Alert

<table>
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</tr>
</tbody>
</table>
**DIAG0620**

**Message**
Network arg1 - arg2

**Arguments**
arg1 = Number, arg2 = Failure Message

**Detailed Description**
UEFI Driver provides a DIAGNOSTIC protocol and this protocol supplies a test that failed. Failure Message may be "Packet loopback test failed" or "Register test failed" or something else. Provided by driver not ePSA.

**Recommended Response Action**
The Network (Ethernet) device may be faulty. Check for bent pins in the Ethernet connector. Make sure that Network device firmware is current. Retry test, if still fails, replace the NIC/NDC/LOM Network device. This may be on the motherboard, or an adapter, or a daughter card, depending on the system.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
<table>
<thead>
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<th>Email Alert</th>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**LC Log**
1

**LCD**
1

**OS Log**
1

**Power Off**
1

**Power Cycle**
1

**Reset**
1

**Chassis Event Proxy**
1

**DIAG0621**

**Message**
Network arg1 - Driver version arg2 outdated. Version arg3 or newer required for "arg4"

**Arguments**
arg1 = Number, arg2 = Hex, arg3 = Hex, arg4 = EFI Driver Name

**Detailed Description**
Test only warns because UEFI Network Driver is old and has known false failures.

**Recommended Response Action**
Update Network firmware.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**DIAG0711**

**Message**
Thermal - Thermal trip detected.

**Detailed Description**
BIOS error reported through ePSA

**Recommended Response Action**
System detected repeated thermal trips due to excessive heat. Check for obstructions to the fan and vents. Make sure BIOS is current and rerun diagnostics. If error persists replace thermal heat sink, CPU and motherboard.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**DIAG0712**

**Message**
Fan - The fan failed to respond correctly.

**Detailed Description**
BIOS error reported through ePSA

**Recommended Response Action**
BIOS detected repeated issues when setting the fan speed. The fan may be faulty, check for obstructions to the fan and vents. Make sure the BIOS is current and rerun diagnostics.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**DIAG0713**

**Message**
Sensor - Error accessing thermal sensor.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>BIOS error reported through ePSA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>BIOS error when reading the systems thermal sensor. Make sure the BIOS is current and rerun diagnostics. If error persists, replace the motherboard.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

---

**No alerts are applicable for this message**

---

### DIAG0714

<table>
<thead>
<tr>
<th>Message</th>
<th>Heat Sink - Heat sink clip not installed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>BIOS error reported through ePSA</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>BIOS detected that the heat sink clip was not installed. Connect the heat sink clip properly.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

---

**No alerts are applicable for this message**

---

### DIAG0715

<table>
<thead>
<tr>
<th>Message</th>
<th>Memory - Memory error detect.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>BIOS error reported through ePSA</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>BIOS detected an issue configuring the DIMM. Check for latest BIOS. Power down system and reseat DIMMs. Retry test; if no error occurs it was a DIMM connection issue. If error persists, replace the DIMM.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

---

**No alerts are applicable for this message**

---

### DIAG0716

<table>
<thead>
<tr>
<th>Message</th>
<th>Cables - Check the following cable, arg1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = CableName</td>
</tr>
</tbody>
</table>
BIOS error reported through ePSA

BIOS detected a cable that was not installed. Connect the cable that is described in the string portion of the message.

System Health (DIAG = Diagnostic)

Severity 2 (Warning)

Alert

No alerts are applicable for this message

DIAG0721

Battery - Battery issue detected.

BIOS error reported through ePSA

BIOS detected a battery that is not functioning properly. Remove and replace the battery. Rerun the diagnostics on the new battery once it is charged.

System Health (DIAG = Diagnostic)

Severity 1 (Critical)

Alert

No alerts are applicable for this message

DIAG0722

Memory - Previous uncorrectable memory error.

BIOS error reported through ePSA

BIOS detected an un-correctable memory issue on a prior boot. Update to the latest BIOS. Power down system and reseat DIMMs. Retry test; if no error occurs it was a DIMM connection issue. If error persists, replace the DIMM.

System Health (DIAG = Diagnostic)

Severity 1 (Critical)

Alert

No alerts are applicable for this message

DIAG0723

Hard Drive - Drive error detected.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>BIOS error reported through ePSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>BIOS detected a hard drive issue. Make sure hard drive connection is good, and the drive firmware and system BIOS are current. If error persists, replace the hard drive.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
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</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**DIAG8001**

<table>
<thead>
<tr>
<th>Message</th>
<th>No BIOS support for software interrupt arg1 h, function(ah) arg2 h.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = Hex, arg2 = Hex</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Should not occur</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**DIAG8002**

<table>
<thead>
<tr>
<th>Message</th>
<th>No BIOS support for SMI interface function(ah) arg1 h.;Sensor arg2 exceeded thermal zone arg3. Peak zone was arg4.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = Hex Function, arg2 = Name, arg3 = Decimal, arg4 = Decimal</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>System thermal sensor is indicating a high value. Clear any blockage to internal fans and heat sinks. Make sure that BIOS is current and rerun the diagnostics.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td></td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>
DIAG8003

Message
Fan - Unable to set Manufacturing Mode.

Recommended Response Action
Make sure that BIOS is current and rerun the diagnostics.

Category
System Health (DIAG = Diagnostic)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
DIAG8005

Message

LCD BIST not supported. :OR: Fan - Fan speed failure. Expected at least \textit{arg1}, observed \textit{arg2}.

Arguments

\textit{arg1} = RPM, \textit{arg2} = RPM

Detailed Description

If LCD BIST error: The LCD BIST may not exist on all systems. Make sure that the BIOS is current and rerun the diagnostics. If Fan speed error: Insure fans are not dirty or obstructed and check for a loose connection.

Category

System Health (DIAG = Diagnostic)

Severity

Severity 3 (Informational)

DIAG8006

Message

Fan - Unable to set fans to \textit{arg1} speed. :OR: No chipset event timer!

Arguments

\textit{arg1} = High, Low, Original
Fan is not operating at the expected speed. Make sure that BIOS is current and rerun the diagnostics. If problem persists, replace the fan.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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</tr>
</tbody>
</table>

**DIAG8007**

Message: Log contains Fan events: OR: Timer expected arg1 observed arg2.

Arguments: arg1 = Decimal, arg2 = Decimal

Detailed Description: For "Log contains Fan events", the events are placed in the log by other sources and ePSA is merely reporting them.

Category: System Health (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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iDRAC ✔
CMC
**DIAG8008**

**Message**
Out of memory! fMalloc() Failed! :OR: Unable to allocate memory for object data. :OR: Unable to arg1 testable memory. :OR: Unable to start application processor(s) :OR: Unable to stop all APs. The system may be unstable and should be rebooted.

**Arguments**
arg1 = Name

**Detailed Description**
Software error, should not normally occur in field.

**Recommended Response Action**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**DIAG8009**

**Message**
Cannot find memory to free! fFree() Failed with pointer arg1

**Arguments**
arg1 = Hex

**Detailed Description**
Software error, should not normally occur in field.

**Recommended Response Action**

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**DIAG800B**

Message: Retrieve vendor ID function error.

Detailed Description: No response action is required.

Category: System Health (DIAG = Diagnostic)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**DIAG800C**

Message: Get/Set inverter mode function error. Vendor: \texttt{arg1} Revision: \texttt{arg2}.

Arguments: \texttt{arg1} = Name, \texttt{arg2} = Decimal

Detailed Description: No response action is required.

Category: System Health (DIAG = Diagnostic)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

**DIAG800D**

Message: Set lamp off function error. Vendor: \texttt{arg1} Revision: \texttt{arg2}.

Arguments: \texttt{arg1} = Name, \texttt{arg2} = Decimal

Detailed Description: No response action is required.

Category: System Health (DIAG = Diagnostic)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

*No alerts are applicable for this message*
No alerts are applicable for this message

**DIAG800E**

<table>
<thead>
<tr>
<th>Message</th>
<th>Set lamp on function error. Vendor: arg1 Revision: arg2.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>$arg1 = \text{Name}, \ arg2 = \text{Decimal}$</td>
</tr>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<td>Alert</td>
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</table>

No alerts are applicable for this message

**DIAG800F**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>$arg1 = \text{Name}, \ arg2 = \text{Decimal}$</td>
</tr>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**DIAG8010**

<table>
<thead>
<tr>
<th>Message</th>
<th>High-Precision event timer not found.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td></td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Software error, should not normally occur in field.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (DIAG = Diagnostic)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG8011**

**Message**: Invalid status return from the device.

**Detailed Description**: Software error, should not normally occur in field.

**Recommended Response Action**: No alerts are applicable for this message

**Category**: System Health (DIAG = Diagnostic)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

No alerts are applicable for this message

**DIAG8012**

**Message**: Invalid parameter passed to the device. :OR: Unknown test (arg1) selected.

**Arguments**: arg1 = Decimal

**Detailed Description**: Software error, should not normally occur in field.

**Recommended Response Action**: No alerts are applicable for this message

**Category**: System Health (DIAG = Diagnostic)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

No alerts are applicable for this message

**DIAG8013**

**Message**: LCD arg1 doesn't support test commands.

**Arguments**: arg1 = Name

**Detailed Description**: No response action is required.

**Recommended Response Action**: No alerts are applicable for this message

**Category**: System Health (DIAG = Diagnostic)
Severity 3 (Informational)

No alerts are applicable for this message

DIAG8014

Message ADDF module (arg1) device (arg2) failed with error code arg3, number arg4. No EPSA beep code mapped.

Arguments arg1 = Name, arg2 = Name, arg3 = Hex, arg4 = hex

Recommended Response Action Software error, should not normally occur in field.

Category System Health (DIAG = Diagnostic)

Severity 3 (Informational)

No alerts are applicable for this message

DIAG8015

Message Unable to stop all APs. The system may be unstable and should be rebooted.

Recommended Response Action Software error, should not normally occur in field.

Category System Health (DIAG = Diagnostic)

Severity 1 (Critical)

No alerts are applicable for this message

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

482
### DIAG8016

**Message**  
Battery - unable to retrieve battery health.

**Detailed Description**

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

 *

*No alerts are applicable for this message*

---

### DIAG8017

**Message**  
Battery - BIOS has no support for battery health.

**Detailed Description**

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

 *

*No alerts are applicable for this message*

---

### DIAG8018

**Message**  
Fatal: The module reported multiple test results!!

**Detailed Description**

**Recommended Response Action**  
Software error, should not normally occur in field.

**Category**  
System Health (DIAG = Diagnostic)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

 *

*No alerts are applicable for this message*
### DIAG8019

**Message**
Unable to log to NVRAM.

**Detailed Description**

**Recommended Response Action**
Software error, should not normally occur in field.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### DIAG8020

**Message**
Low memory. \( \text{arg1} \) k bytes free!

**Arguments**
\( \text{arg1} = \) Decimal

**Detailed Description**

**Recommended Response Action**
Software error, should not normally occur in field.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### DIAG8021

**Message**
SMBIOS DIMM configuration did not match.

**Detailed Description**

**Recommended Response Action**
Software error, should not normally occur in field.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**DIAG8154**

**Message**
Tape Drive arg1 - S/N arg2, ULTRIUM arg3 media found but drive requires ULTRIUM arg4 for arg5.

**Arguments**
arg1 = Drive Location, arg2 = Serial Number, arg3 = Generation, arg4 = Generation, arg5 = writes

**Detailed Description**
Each generation of ULTRIUM Tape drives usually supports the previous generation but not newer generation tape media.

**Recommended Response Action**
Install the correct tape media.

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
<tbody>
<tr>
<td>iDRAC ✔</td>
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<td>LC Log</td>
<td>LCD</td>
<td>OS Log</td>
<td>Power Off</td>
<td>Power Cycle</td>
<td>Reset</td>
<td>Chassis Event Log</td>
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**DIAG8155**

**Message**
Tape Drive arg1 - S/N arg2, data read does not match data written.

**Arguments**
arg1 = Drive Location, arg2 = Serial Number

**Detailed Description**
Data written on the tape read back differently, not as expected.

**Recommended Response Action**
Use a different tape media.

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
DIAG8156

Message
Tape Drive arg1 - S/N arg2, no media, cannot test drive.

Arguments
arg1 = Drive Location, arg2 = Serial Number

Detailed Description
Testing requires scratch tape media.

Recommended Response Action
Install tape media or skip test.

Category
Storage (DIAG = Diagnostic)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

DIAG8157

Message
arg1 Drive arg2 - S/N arg3, drive is not a supported drive.

Arguments
arg1 = Tape|Disk, arg2 = Drive Location, arg3 = Serial Number

Detailed Description
If <Tape> then only Dell tape drives are tested and supported. If <Disk> then disk drive may not be a Dell drive.

Recommended Response Action
Customer appears to have added a non-Dell Tape drive to his system.
### DIAG8158

**Message**
arg1 Drive arg2 - S/N arg3, incorrect status = arg4 \n arg5.

**Arguments**
- arg1 = Backplane|Expander|RD1000, arg2 = Drive Location, arg3 = Serial Number, arg4 = 8000000000000??, arg5 = Error Reason

**Detailed Description**
A device failed a command and testing cannot complete.

**Recommended Response Action**
Retry test. If failure persists and BIOS is up to date, a hardware problem is indicated.

**Category**
Storage (DIAG = Diagnostic)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### DIAG8160

**Message**
PERC Battery arg1 - incorrect status = arg2 \n arg3.

---

487
Arguments

$arg1 =$ PERC Controller Location, $arg2 = 80000000000000??, $arg3 =$ Error Reason

Detailed Description

Recommended Response Action

“If <Error Reason> is (Battery missing or disconnected) then check the battery cable to the PERC controller. If <Error Reason> is (Replace battery pack) then replace battery pack. If <Error Reason> is (Remaining capacity low) then battery pack may need to be replaced soon.”

Category

Severity

Redfish Event Type Alert

<table>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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 DIAG8166

Message

OS - Suspect corrupt MBR, verify MBR with Anti-Virus Application.

Detailed Description

Recommended Response Action

Category

Severity

Redfish Event Type Alert

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### DIAG8170

**Message**
PCIe - Training error PciTag- arg1 VendorID- arg2 DeviceID- arg3 SVID- arg4 SDID- arg5 Bus arg6 : Link Degraded, maxLinkWidth = x arg7, negotiatedLinkWidth = x arg8 , Slot arg9

**Arguments**
arg1 = tag, arg2 = hex, arg3 = hex, arg4 = hex, arg5 = hex, arg6 = decimal, arg7 = decimal, arg8 = decimal, arg9 = slot

**Detailed Description**
A PCI device is functioning at a lower performance that it should be. If the device is in a physical PCI slot then ", Slot <decimal>" will be appended to the message

**Recommended Response Action**
Reseat the PCI-Express adapter described and retest.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### DIAG8171

**Message**
PCIe - PCI device in physical Slot arg1 , PciTag arg2 , is present but not responding

**Arguments**
arg1 = decimal, arg2 = hex

**Detailed Description**
A PCI adapter was detected as present but it does not respond to PCI Configuration Space access, so is very sick or not inserted sungly in the PCI physical slot connector

**Recommended Response Action**
Reseat or replace PCI adapter in the PCI slot indicated

**Category**
System Health (DIAG = Diagnostic)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

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**DIAG8172**

**Message**
PCIe - Speed slow PciTag- arg1 VendorID- arg2 DeviceID- arg3 SVID- arg4 SDid- arg5 Bus arg6 : Link Trained x arg7 , Speed Max arg8 GT/s, Neg arg9 GT/s, Slow Slot arg10

**Arguments**
arg1 = tag, arg2 = hex, arg3 = hex, arg4 = hex, arg5 = hex, arg6 = decimal, arg7 = decimal, arg8 = speed, arg9 = speed, arg10 = slot

**Detailed Description**
A PCI device is functioning at a lower performance that it should be. If the device is in a physical PCI slot then "Slot <decimal>" will be appended to the message.

**Recommended Response Action**
Reseat the PCI-Express adapter described and retest.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**DIAG8335**

**Message**
Video - User indicated that one or more full color screens showed pixel errors.
**DIAG8336**

**Message**
Video - User indicated that the Grey Scale screen is not properly displayed.

**Detailed Description**
ARM-based tablets only

**Recommended Response Action**
Verify visually that the grey scales are not showing properly. Replace LCD panel.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**DIAG8337**

**Message**
Video - User indicated that the Cross Hatch screen is not properly displayed.

**Detailed Description**
ARM-based tablets only

**Recommended Response Action**
Verify visually that the cross hatch pattern has mismatches. Adjust the convergence settings on the LCD panel. Repeat the test. If error continues, replace the LCD panel or video controller.

**Category**
System Health (DIAG = Diagnostic)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**DIAG8338**

**Message:** `arg1` - DriverBinding->Supported() function, Version `arg2`, changed PCI Command Reg of device `arg3`

**Arguments:** `arg1 = Module, arg2 = Hex, arg3 = Tag`

**Detailed Description:** The initial string indicates the uEFI driver with an issue. Update the BIOS to the latest version.

**Recommended Response Action:** Update the BIOS to the latest version.

**Category:** System Health (DIAG = Diagnostic)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

No alerts are applicable for this message

**DIAG8415**

**Message:** Cables - BIOS reports no testable cable/jumper/connector/sensor

**Recommended Response Action:** Update the BIOS to the latest version.

**Category:** Configuration (DIAG = Diagnostic)

**Severity:** Severity 2 (Warning)

**Redfish Event Type:** Alert

No alerts are applicable for this message

**DIAG8611**

**Message:** User reported not hearing speaker tone

**Recommended Response Action:** If the beep was not heard, verify the internal speakers are connected properly. On some systems, internal speakers are a purchased option. For a given system, if the speaker is optional, it might not exist on that system. If audio is not heard, make
sure to unplug anything plugged into an external headphone jack and rerun the test. External HP jacks can mute the internal speakers at the hardware level.

**Category**
System Health (DIAG = Diagnostic)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

,No alerts are applicable for this message,
**DIS Event Messages**

**DIS001**

**Message**  
Auto Discovery feature not licensed.

**Detailed Description**  
Auto Discovery starts automatically, but was unable to find a valid license. Once you have obtained a valid license and installed it, restart.

**Recommended Response Action**  
Follow service providers instructions to enable the license.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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**DIS002**

**Message**  
Auto Discovery feature disabled.

**Detailed Description**  
Use the Lifecycle Controller or other service to enable Auto Discovery and restart.

**Recommended Response Action**  
If you want AutoDiscovery to locate a Provising Server enable this feature.

**Category**  
Configuration (DIS = Auto-Discovery)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
DIS003

Message: Auto Discovery process started.
Detailed Description: Auto Discovery process will try to connect to a Provisioning Server over the next 24 hours.
Recommended Response Action: No response action is required.
Category: Configuration (DIS = Auto-Discovery)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

DIS004

Message: Auto Discovery 24-hour timeout occurred. Stopping Auto Discovery process.
Detailed Description: The Auto Discovery process has timed out and stopped. The Auto Discovery process runs for 24 hours from the initial system power on or re-initialization request. Every 90 seconds the Auto Discovery client will attempt to identify and contact the Provisioning Server during this period.
Recommended Response Action: Check for previous messages in the Lifecycle Controller Log that provide more specific information why the timeout occurred.
Category: Configuration (DIS = Auto-Discovery)
Severity 3 (Informational)

**Redfish Event Type** Alert

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**iDRAC** ✔

**CMC**

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**iDRAC** ✔

**CMC**

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**DIS005**

**Message**

Auto Discovery communicated successfully with Provisioning Server `arg1`.

**Arguments**

`arg1` = provisioning server name

**Detailed Description**

Message was sent successfully from Auto Discovery to Provisioning Server to request certificate.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (DIS = Auto-Discovery)

**Severity**

Severity 3 (Informational)

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**iDRAC** ✔

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**iDRAC** ✔

**CMC**

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**DIS006**

**Message**

Auto Discovery operation successful. Disabling Auto Discovery feature.

**Detailed Description**

Auto Discovery operation was successful in establishing connection and getting certificate. Auto Discovery feature is no longer needed and has been disabled.
Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**DIS007**

Message
Unable to notify Provisioning Server of iDRAC IP address change.

Detailed Description
Unable to connect to Provisioning Server to notify about new iDRAC IP.

Recommended Response Action
Check Provisioning Server connectivity and retry.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**DIS008**

Message
Notification of iDRAC IP address changed to arg1 from arg2 sent to Provisioning Server.
Arguments

arg1 = new IP address, arg2 = old IP address

Detailed Description
iDRAC IP address change in progress with Provisioning Server.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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DIS009

Message
Notification of iDRAC IP address changed to arg1 sent to Provisioning Server.

Arguments
arg1 = new IP address

Detailed Description
iDRAC IP address sent to Provisioning Server.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**DIS010**

**Message**
Auto Discovery LCD display message: \texttt{arg1}

**Arguments**
\texttt{arg1} = progress message

**Detailed Description**
The Auto Discovery process has encountered a problem. One of the following messages will be displayed on the LCD display and entered in the LC log: 1) No credentials returned, 2) Blocked Because Admin Account Enabled, 3) Blocked Because IPv6 Enabled, 4) No IP on NIC, 5) No provisioning server found, 6) Provisioning server is unreachable/invalid address, 7) SSL connection failed no service at IP/port, 8) SSL connection refused, 9) SSL connection failed (Server authentication), 10) SSL connection failed (client authentication), 11) SSL connection failed other, 12) SOAP failure, 13) Failed to create account, 14) Blocked Because Active Directory Enabled, 15) No Service Tag, and 16) Unknown.

**Recommended Response Action**
Refer to Lifecycle Controller Remote Services Users Guide for additional information for LCD messages.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### Filter Visibility

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**DIS011**

**Message**
Auto Discovery client using customer signed client certificate.

**Detailed Description**
Customer provided client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
DIS012

Message
Auto Discovery client using factory signed client certificate.

Detailed Description
Factory signed client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

DIS013

Message
Auto Discovery client using default client certificate.

Detailed Description
Default client certificate is being used. Auto Discovery client is using this certificate for the SSL connection with the Provisioning Server.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)
Redfish Event Type  Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  *  CMC

DIS014

Message  Auto Discovery client using customer provided CA certificate to authenticate Provisioning Server.

Detailed Description  Auto Discovery client is using the customer provided Certificate Authority certificate to authenticate the Provisioning Server for the SSL connection.

Recommended Response Action  No response action is required.

Category  Configuration (DIS = Auto-Discovery)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  ✔  *  CMC

DIS015

Message  Auto Discovery client using default CA certificate to authenticate Provisioning Server.

Detailed Description  Auto Discovery client is using the default Certificate Authority certificate to authenticate the Provisioning Server for the SSL connection.
**Recommended Response Action**

No response action is required.

**Category**

Configuration (DIS = Auto-Discovery)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**DIS016**

**Message**

Response received from Provisioning Server to the notification of iDRAC IP address change.

**Detailed Description**

Provisioning Server responded to iDRAC IP address change.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (DIS = Auto-Discovery)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**DIS100**

**Message**

The AutoConfig operation is successful.
Detailed Description
The AutoConfig operation is successfully completed by the iDRAC using the AutoConfig import file specified in the DHCP scope option field where the VendorID=iDRAC.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Trap/EventID
10635

Redfish Event Type
Alert

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**DIS101**

Message
The execution of AutoConfig operation is started.

Detailed Description
The AutoConfig operation is started by iDRAC using the AutoConfig import file specified in the DHCP scope option field where the VendorID=iDRAC.

Recommended Response Action
No response action is required.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Trap/EventID
10635

Redfish Event Type
Alert

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DIS102

**Message**
Unable to start the AutoConfig import operation, because the AutoConfig import file is not available.

**Detailed Description**
The AutoConfig configuration import operation could not be started, because the AutoConfig .xml file is not available in the sharename or location specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Update the sharename or location in the DHCP scope option field where the VendorID=iDRAC, make sure the AutoConfig import file is available, and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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DIS103

**Message**
The AutoConfig operation is unable to access a network share folder, because incorrect credentials are specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The network share folder cannot be accessed by using the credentials specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Verify whether or not the following are correctly entered in the DHCP scope option field where the VendorID=iDRAC, and then retry the operation: 1) Network share name. 2) The IP address of the network share folder. 3) The username and password (-u <username> & -p <password>)
The AutoConfig operation is unable to access the network share folder, because an invalid filename is specified in the DHCP scope option field where the VendorID=iDRAC.

Specify a valid file name in the DHCP scope option field where the VendorID=iDRAC using the `-f <filename>`.
**DIS105**

**Message**
The AutoConfig operation is unable to access the network share folder, because an invalid sharetype value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The network share folder cannot be accessed, because an unsupported or invalid share type is specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
Enter a valid sharetype in DHCP scope option field where the VendorID=iDRAC using (-s <0 or 1>) where 0 = NFS, 2 = CIFS.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
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**DIS106**

**Message**
Unable to start the AutoConfig file import operation, because an invalid shutdown type was specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig import file operation could not be successfully completed, because the shutdown type (-d) specified in the DHCP scope option field where the VendorID=iDRAC is incorrect.

**Recommended Response Action**
Enter a valid shutdown type in the DHCP scope option field where the VendorID=iDRAC using (-d <0 or 1>) where 0 = Graceful shutdown and 1 = Forced shutdown.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert
### DIS107

**Message**
Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
Unable to start the AutoConfig file import operation, because an invalid AutoConfig time-to-wait value is specified in the DHCP scope option field where the VendorID=iDRAC.

**Recommended Response Action**
In the DHCP scope option field where VendorID=iDRAC, enter a time-to-wait (-t) value more than 300 seconds and less than 3600 seconds and then retry the operation.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

### DIS108

**Message**
Unable to start the AutoConfig import operation, because Lifecycle Controller is not enabled.
The server could not be successfully configured, because Lifecycle Controller is either not installed or not enabled.

Verify that the Lifecycle Controller firmware on the server being configured is installed and enabled, then restart the iDRAC by pressing the System ID button for 15 seconds. For more information about Lifecycle Controller, see the Lifecycle Controller Users Guide available at dell.com/support/manuals.

Configuration (DIS = Auto-Discovery)

Severity 3 (Informational)

10635

Alert

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Unable to start the AutoConfig file import operation, because an invalid End Host Power State value is specified in the DHCP scope option field where the VendorID=iDRAC.

The server could not be configured because the End Host Power State value specified in the DHCP scope option field where the VendorID=iDRAC is incorrect.

In the DHCP scope option field where VendorID=iDRAC, enter a end-host-power-state (-e <0 or 1>) where 0 = Powered Off and = Powered On, and then retry the operation.

Configuration (DIS = Auto-Discovery)

Severity 3 (Informational)

10635

Alert

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### DIS110

**Message**
The AutoConfig operation is completed.

**Detailed Description**
The AutoConfig operation is completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

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### DIS111

**Message**
The AutoConfig operation is started.

**Detailed Description**
The AutoConfig operation is started.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert
**DIS112**

**Message**
The AutoConfig operation is using the `arg1` file.

**Arguments**
`arg1` = file name

**Detailed Description**
The AutoConfig operation is using the file identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (DIS = Auto-Discovery)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10635

**Redfish Event Type**
Alert

---

**DIS113**

**Message**
Unable to start the AutoConfig file import operation, because no options were specified in the DHCP scope option field where the VendorID=iDRAC.

**Detailed Description**
The AutoConfig configuration import operation could not be started, because no options were specified in the DHCP scope option field where the VendorID=iDRAC.
Recommended Response Action

Make sure that the following are correctly entered in the DHCP scope option field where the VendorID=iDRAC, and then retry the operation: 1) Filename -f <filename>). 2) The IP address of the network share folder (-i <ip-address>). 3) Network share name (-n <share-name>). 4) The share type (-s <0 or 2>) where 0 = NFS, 2 = CIFS. 5) The username and password (-u <username> & -p <password>) 6) Shutdown type (-d <0 or 1>) where 0 = Graceful shutdown and 1 = Forced shutdown. 7) Time to wait (-t <value>) where value is more than 300 seconds and less than 3600 seconds.

Category  
Configuration (DIS = Auto-Discovery)

Severity  
Severity 3 (Informational)

Trap/EventID  
10635

Redfish Event Type  
Alert

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DIS114

Message
The AutoConfig feature timed out while waiting for Remote Services to be ready.

Detailed Description
The AutoConfig feature timed out while waiting for Remote Services to be ready.

Recommended Response Action
Retry the operation. If the issue persists, reset iDRAC. To reset iDRAC by using RACADM command, run the racadm racreset command at the command line interface (CLI). For more information about resetting iDRAC, see iDRAC Users Guide available at the support site.

Category
Configuration (DIS = Auto-Discovery)

Severity
Severity 3 (Informational)

Trap/EventID
10635

Redfish Event Type
Alert

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512
DKM Event Messages

DKM1000

Message: A network problem detected. Cannot contact key management server.
Detailed Description: None
Recommended Response Action: Check for network connectivity. Review network, server, and client configuration.
Category: System Health (DKM = Dell Key Mngr)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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DKM1001

Message: The key management service is operating correctly.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (DKM = Dell Key Mngr)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
DKM1002

Message   Key management server certificate problem detected.
Detailed Description None
Recommended Response Action Check server configuration and certificates
Category System Health (DKM = Dell Key Mngr)
Severity Severity 1 (Critical)
Redfish Event Type Alert

DKM1004

Message   The key management server received a bad request.
Detailed Description None
Recommended Response Action Check for network connectivity. Review network, server, and client configuration.
Category System Health (DKM = Dell Key Mngr)
Severity Severity 1 (Critical)
Redfish Event Type  Alert

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**DKM1006**

*Message*  Key management server error detected.

*Detailed Description*  None

*Recommended Response Action*  Review server error logs for additional information.

*Category*  System Health (DKM = Dell Key Mngr)

*Severity*  Severity 1 (Critical)

*LCD Message*  Key management server error. Check configuration

Redfish Event Type  Alert

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ENC Event Messages

ENC1

Message arg1 was inserted.
Arguments arg1 = Enclosure Management Module Name
Detailed Description An Enclosure Management Module (EMM) has failed is inserted into the enclosure.
Recommended Response Action No response action is required.
Category Storage (ENC = Storage Enclosr)
Severity Severity 3 (Informational)
Trap/EventID 4339
OMSA Event ID 2296
OMSA Trap ID 95100:85100:75100:
Redfish Event Type Alert

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ENC10

Message The arg1 asset name was changed.
Arguments arg1 = Enclosure Name
Detailed Description You have changed the enclosure asset name. This alert is provided for informational purposes.
Recommended Response Action No response action is required.
**ENC100**

**Message**

`arg1` is sending inconsistent responses to the controller.

**Arguments**

`arg1` = enclosure name

**Detailed Description**

The storage controller is not receiving a consistent response from the enclosure due to a firmware problem or an incorrect cabling configuration. If the cables are longer than the specified maximum length, the signals may be degraded.

**Recommended Response Action**

Turn off all the enclosures attached to the system, check if the cable configurations are correct and reboot the system. If the problem persists, update the enclosure firmware to the latest supported version. Download the latest supported version of the firmware from the service provider. For more information about cable configuration, see storage enclosure documentation.

**Category**

Storage (ENC = Storage Enclosr)

**Severity**

Severity 1 (Critical)

**OMSA Event ID**

2300

**OMSA Trap ID**

85400

**Redfish Event Type**

Alert

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**ENC100**

**Message**

`arg1` is sending inconsistent responses to the controller.

**Arguments**

`arg1` = enclosure name

**Detailed Description**

The storage controller is not receiving a consistent response from the enclosure due to a firmware problem or an incorrect cabling configuration. If the cables are longer than the specified maximum length, the signals may be degraded.

**Recommended Response Action**

Turn off all the enclosures attached to the system, check if the cable configurations are correct and reboot the system. If the problem persists, update the enclosure firmware to the latest supported version. Download the latest supported version of the firmware from the service provider. For more information about cable configuration, see storage enclosure documentation.

**Category**

Storage (ENC = Storage Enclosr)

**Severity**

Severity 1 (Critical)

**OMSA Event ID**

2300

**OMSA Trap ID**

85400

**Redfish Event Type**

Alert

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ENC11

Message: The arg1 service tag was changed.

Arguments: arg1 = enclosure name

Detailed Description: An enclosure service tag was changed. In most circumstances, this service tag should only be changed by the service provider.

Recommended Response Action: Make sure that the service tag was changed under authorized circumstances.

Category: Storage (ENC = Storage Enclosr)

Severity: Severity 3 (Informational)

Trap/EventID: 4339

OMSA Event ID: 2153

OMSA Trap ID: 85100

Redfish Event Type: Alert

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ENC12

Message: Communication resumed on arg1.

Arguments: arg1 = Enclosure Name

Detailed Description: Communication with an enclosure has been restored. This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (ENC = Storage Enclosr)
Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2162

OMSA Trap ID
85100

Redfish Event Type
Alert

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**ENC13**

Message: Unsupported configuration detected on arg1. arg2 arg3

Arguments: arg1 = Enclosure Name, arg2 = EMM0 1, arg3 = EMM1 2

Detailed Description: An unsupported configuration was detected. The SCSI rate of the Enclosure Management Modules (EMMs) are not the same.

Recommended Response Action: Replace one of the EMMs with the matching SCSI rate EMM.

Category: Storage (ENC = Storage Enclosr)

Severity: Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2173

OMSA Trap ID
85300

Redfish Event Type
Alert

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ENC14

Message
The number of enclosures connected on arg1 has exceeded the maximum limit supported by the controller.

Arguments
arg1 = controller name

Detailed Description
There are too many enclosures attached to the controller port. When the enclosure limit is exceeded, the controller loses contact with all enclosures attached to the port. This is an unsupported configuration.

Recommended Response Action
Remove the extra enclosures. Refer to the storage hardware documentation for maximum number of enclosures that can be connected.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 1 (Critical)

Trap/EventID
4337

OMSA Event ID
2191

OMSA Trap ID
85400

Redfish Event Type
Alert

ENC15

Message
An enclosure blink operation has initiated on arg1.

Arguments
arg1 = Enclosure Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.
Category: Storage (ENC = Storage Enclosr)
Severity: Severity 3 (Informational)
Trap/EventID: 4339
OMSA Event ID: 2259
OMSA Trap ID: 85100
Redfish Event Type: Alert

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**ENC16**

Message: An enclosure blink has ceased on `arg1`.

Arguments: `arg1` = Enclosure Name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (ENC = Storage Enclosr)
Severity: Severity 3 (Informational)
Trap/EventID: 4339
OMSA Event ID: 2260
OMSA Trap ID: 85100
Redfish Event Type: Alert

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ENC17

**Message**
An Enclosure Management Module (EMM) has been discovered on **arg1**.

**Arguments**
**arg1** = Enclosure Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (ENC = Storage Enclosr)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4339

**OMSA Event ID**
2291

**OMSA Trap ID**
85100

**Redfish Event Type**
Alert

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ENC18

**Message**
Communication with **arg1** was lost.

**Arguments**
**arg1** = enclosure name

**Detailed Description**
The controller has lost communication with an Enclosure Management Module (EMM). The cables may be loose or defective.

**Recommended Response Action**
Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables. Reboot the system.

**Category**
Storage (ENC = Storage Enclosr)
ENC19

**Message**

arg1 has failed.

**Arguments**

arg1 = Enclosure Management Module Name

**Detailed Description**

An Enclosure Management Module (EMM) has failed. The failure may be caused by a loss of power to the EMM. The EMM self-test may also have identified a failure. There may also be a firmware problem or a multi-bit error.

**Recommended Response Action**

Reset the Enclosure Management Module (EMM). See the storage hardware documentation for information on replacing the EMM. Replace the EMM. Contact technical support if the issue persists.

**Category**

Storage (ENC = Storage Enclosr)

**Severity**

Severity 1 (Critical)
ENC2

Message  arg1 was removed.
Arguments  arg1 = Enclosure Management Module Name
Detailed Description  An Enclosure Management Module (EMM) was removed.
Recommended Response Action  Reinsert the Enclosure Management Module (EMM). See the storage hardware documentation for information on replacing the EMM.
Category  Storage (ENC = Storage Enclosr)
Severity  Severity 1 (Critical)
Trap/EventID  4337
OMSA Event ID  2297
OMSA Trap ID  95400
Redfish Event Type  Alert

ENC20

Message  A device is inserted in the enclosure.
Detailed Description  A device is inserted in the enclosure.
Recommended Response Action  No response action is required.
Category  Storage (ENC = Storage Enclosr)
Severity  Severity 3 (Informational)
ENC21

**Message**
arg1 has been removed.

**Arguments**
arg1 = Enclosure elements name

**Detailed Description**
A device has been removed and the system is no longer functioning in optimal condition.

**Recommended Response Action**
Replace the device.

**Category**
Storage (ENC = Storage Enclosr)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4337

**OMSA Event ID**
2295

**OMSA Trap ID**
85400

**Redfish Event Type**
Alert

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525
ENC22

Message
The arg1 has a bad sensor arg2.

Arguments
arg1 = Enclosure Name, arg2 = args

Detailed Description
The enclosure has a bad sensor. The enclosure sensors monitor the fan speeds, temperature probes, and so on.

Recommended Response Action
Refer to the storage hardware documentation for more information.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2298

OMSA Trap ID
85300

Redfish Event Type
Alert

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ENC23

Message
arg1 - Issue with PHY arg2.

Arguments
arg1 = enclosure name, arg2 = PHY data

Detailed Description
There is a problem with a physical connection or PHY in the enclosure identified in the message.

Recommended Response Action
Contact your service provider.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 1 (Critical)

Trap/EventID
4337

OMSA Event ID
2299
ENC24

Message
Communication with \textit{arg1} is intermittent.

Arguments
\textit{arg1} = enclosure name

Detailed Description
The controller is not receiving a consistent response from the enclosure. There could be a firmware problem or an invalid cabling configuration. If the cables are too long, they degrade the signal.

Recommended Response Action
Power down all enclosures attached to the system and reboot. If the problem persists, upgrade the firmware to the latest supported version. Verify the cable configuration is valid. See the storage hardware documentation for valid cabling configurations.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 1 (Critical)

Trap/EventID
4337

OMSA Event ID
2268

OMSA Trap ID
10400

Redfish Event Type
Alert
ENC25

**Message**  
arg1 has a hardware error.

**Arguments**  
arg1 = enclosure name

**Detailed Description**  
The enclosure or an enclosure component is in a Failed or Degraded state.

**Recommended Response Action**  
Verify the health of the enclosure and its components. See the storage hardware documentation for more information. Contact technical support.

**Category**  
Storage (ENC = Storage Enclosr)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4337

**OMSA Event ID**  
2301

**OMSA Trap ID**  
85400

**Redfish Event Type**  
Alert

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ENC26

**Message**  
arg1 is not responding.

**Arguments**  
arg1 = enclosure name

**Detailed Description**  
The enclosure or an enclosure component is in a Failed or Degraded state. It is not responding to storage management commands or there is a connectivity problem between the controller and enclosure.

**Recommended Response Action**  
Verify the health of the enclosure and its components. See the hardware documentation to for more information. Contact technical support.

**Category**  
Storage (ENC = Storage Enclosr)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4337

**OMSA Event ID**  
2302
ENC27

Message
SAS or SATA mixing of physical disks is not supported within the arg1.

Arguments
arg1 = Enclosure Name

Detailed Description
The enclosure cannot support both SAS and SATA physical disks. Physical disks may be disabled. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2303

OMSA Trap ID
85100

Redfish Event Type
Alert
ENC28

Message
Enclosure Management Module (EMM) firmware version mismatch detected in \textit{arg1}. \textit{arg2} \texttt{arg3}.

Arguments
\textit{arg1} = enclosure name, \textit{arg2} = EMM 0 version, \textit{arg3} = EMM 1 version

Detailed Description
The firmware on the EMM modules is not the same version. Both modules must have the same firmware version. This message is caused when you attempt to insert an EMM module that has a different firmware version than an existing module.

Recommended Response Action
Upgrade to the same version of the firmware on both EMM modules and then powercycle the system and attached enclosures.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2311

OMSA Trap ID
85300

Redfish Event Type
Alert

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ENC29

Message
\textit{arg1} temperature has returned to normal.

Arguments
\textit{arg1} = Enclosure Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)
ENC3

Message  arg1 is shutdown.

Arguments  arg1 = Enclosure Name

Detailed Description  The physical disk enclosure is either hotter or cooler than the maximum or minimum allowable temperature range.

Recommended Response Action  Check for factors that may cause overheating or excessive cooling. For example, verify that the enclosure fan is working. You should also check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot or too cold. Refer to the enclosure documentation for more diagnostic information.

Category  Storage (ENC = Storage Enclosr)

Severity  Severity 1 (Critical)

Trap/EventID  4339

OMSA Event ID  2353

OMSA Trap ID  105100

Redfish Event Type  Alert

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ENC30

Message  
arg1 firmware download is in-progress.

Arguments  
arg1 = Enclosure Name

Detailed Description  
This alert is provided for informational purposes.

Recommended Response Action  
No response action is required.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 3 (Informational)

Trap/EventID  
4339

OMSA Event ID  
2354

OMSA Trap ID  
85100

Redfish Event Type  
Alert

ENC31

Message  
Firmware download on arg1 has failed.

Arguments  
arg1 = Enclosure Name

Detailed Description  
The system was unable to download firmware to the enclosure. The controller may have lost communication with the enclosure. There may have been problems with the data transfer or the download media may be corrupt.

Recommended Response Action  
Attempt to download the enclosure firmware again. If problems continue, verify that the controller can communicate with the enclosure. Make sure that the
enclosure is powered ON. Refer to the storage hardware documentation for information on checking the cables.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 2 (Warning)

Trap/EventID  
4338

OMSA Event ID  
2355

OMSA Trap ID  
85300

Redfish Event Type  
Alert

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**ENC32**

**Message**  
Storage Enclosure Processor (SEP) for arg1 has been rebooted.

**Arguments**  
arg1 = Enclosure Name

**Detailed Description**  
The SEP has been rebooted as part of the firmware download operation and will be unavailable until the operation completes.

**Recommended Response Action**  
No response action is required.

Category  
Storage (ENC = Storage Enclosr)

Severity  
Severity 3 (Informational)

Trap/EventID  
4339

OMSA Event ID  
2368

OMSA Trap ID  
85100

Redfish Event Type  
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ENC33

Message
Redundancy on arg1 is normal.

Arguments
arg1 = Enclosure Name

Detailed Description
Data redundancy has been restored to an enclosure that previously suffered a loss of redundancy.

Recommended Response Action
This alert is provided for informational purposes.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 3 (Informational)

Trap/EventID
4339

OMSA Event ID
2124

OMSA Trap ID
130400

Redfish Event Type
Alert

ENC4

Message
arg1 firmware mismatch.

Arguments
arg1 = Enclosure Name

Detailed Description
The firmware on the EMM modules is not the same version. It is required that both modules have the same version of the firmware. This alert may be caused when you attempt to insert an EMM module that has a different firmware version than an existing module.

Recommended Response Action
Download the same version of the firmware to both EMM modules.
A new enclosure was detected on arg1.

The controller detected a new enclosure. This is due either to a hot plug of an enclosure, or a power state change of an enclosure. In addition, this message is generated if the daisy chain order of the enclosures changes.

No response action is required.
ENC5

Message
Redundancy on arg1 is degraded

Arguments
arg1 = Enclosure Name

Detailed Description
One or more of the enclosure components has failed. For example, a fan or power supply may have failed. Although the enclosure is currently operational, the failure of additional components could cause the enclosure to fail.

Recommended Response Action
Identify and replace the failed component. To identify the failed component, select the enclosure in the tree view and click the Health subtab. Any failed component will be identified with a red X on the enclosures Health subtab. Alternatively, you can select the Storage object and click the Health subtab. The controller status displayed on the Health subtab indicates whether a controller has a failed or degraded component. See the enclosure documentation for information on replacing enclosure components and for other diagnostic information.

Category
Storage (ENC = Storage Enclosr)

Severity
Severity 2 (Warning)

Trap/EventID
4338

OMSA Event ID
2122

OMSA Trap ID
130500

Redfish Event Type
Alert

ENC6

Message
Communication timeout on arg1.

Arguments
arg1 = Enclosure Name
Detailed Description

The controller is unable to communicate with an enclosure. There are several reasons for communication loss. For example, there may be a bad or loose cable. An unusual amount of I/O may also interrupt communication with the enclosure. In addition, communication loss may be caused by software, hardware, or firmware problems, bad or failed power supplies, and enclosure shutdown.

Recommended Response Action

Check for problems with the cables. See the Cables attached correctly section for more information on checking the cables. You should also check to see if the enclosure has degraded or failed components. To do this, select the enclosure object in the tree view and click the Health subtab. The Health subtab displays the status of the enclosure components. Verify that the controller has the supported driver and firmware versions installed and that each Enclosure Management Modules (EMMs) are running the same version of supported firmware.

Category

Storage (ENC = Storage Enclosr)

Severity

Severity 2 (Warning)

Trap/EventID 4338

OMSA Event ID 2137

OMSA Trap ID 85300

Redfish Event Type Alert

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ENC7

Message

The arg1 alarm was enabled.

Arguments

arg1 = Enclosure Name

Detailed Description

You have enabled the enclosure alarm. This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category

Storage (ENC = Storage Enclosr)

Severity

Severity 3 (Informational)

Trap/EventID 4339
ENC8

Message

The \texttt{arg1} alarm was disabled.

Arguments

\texttt{arg1} = Enclosure Name

Detailed Description

You have disabled the enclosure alarm.

Recommended Response Action

No response action is required.

Category

Storage (ENC = Storage Enclosr)

Severity

Severity 3 (Informational)

Trap/EventID

4339

OMSA Event ID

2139

OMSA Trap ID

85100

Redfish Event Type

Alert
ENC9

**Message**  
The 
arg1 asset tag was changed.

**Arguments**  
arg1 = Enclosure Name

**Detailed Description**  
You have changed the enclosure asset tag. This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (ENC = Storage Enclosr)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4339

**OMSA Event ID**  
2151

**OMSA Trap ID**  
85100

**Redfish Event Type**  
Alert

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539
EPP Event Messages

EPP001

Message: Unable to use the Extended Power Performance (EPP) feature on chassis.

Detailed Description: The Extended Power Performance cannot be used unless chassis has six EPP capable PSUs, Configure the Power Redundancy Policy to Grid Redundancy & MPCM, DPSE, SBPM and Fresh Air features should be disabled.

Recommended Response Action: Make sure that chassis has six EPP capable PSUs, Configure the Power Redundancy Policy to Grid Redundancy & MPCM, DPSE, SBPM and Fresh Air features should be disabled. Then enable the EPP feature.

Category: System Health (EPP = Extended Power Performance)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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EPP002

Message: Unable to use the Extended Power Performance (EPP) feature because the Maximum Power Conservation Mode is enabled.

Detailed Description: The Extended Power Performance cannot be used because the Maximum Power Conservation Mode is enabled.

Recommended Response Action: Disable the Maximum Power Conservation Mode and then retry to enable the EPP feature.

Category: System Health (EPP = Extended Power Performance)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### EPP003

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Dynamic Power Supply Engagement mode is enabled.

**Detailed Description**
The Extended Power Performance cannot be used because the Dynamic Power Supply Engagement mode is enabled.

**Recommended Response Action**
Disable the Dynamic Power Supply Engagement mode and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### EPP004

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Server Performance Over Power Redundancy mode is enabled.

**Detailed Description**
The Extended Power Performance cannot be used because the Server Performance Over Power Redundancy mode is enabled.

**Recommended Response Action**
Disable the Server Performance Over Power Redundancy mode and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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**EPP005**

**Message**  Unable to set the Extended Power Performance (EPP) feature because the Server Based Power Management mode is enabled.

**Detailed Description**  The Extended Power Performance cannot be used because the Server Based Power Management mode is enabled.

**Recommended Response Action**  Disable the Server Based Power Management mode and then retry to enable the EPP feature.

**Category**  System Health (EPP = Extended Power Performance)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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**EPP006**

**Message**  Unable to set the Extended Power Performance (EPP) feature because the Fresh Air Configuration mode is enabled.

**Detailed Description**  The Extended Power Performance cannot be enabled because the Fresh Air Configuration mode is enabled.
### EPP007

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Chassis Management Controller (CMC) firmware update is in progress.

**Detailed Description**
The Extended Power Performance cannot be used because the Chassis Management Controller (CMC) firmware update is in progress.

**Recommended Response Action**
Wait for the firmware update to complete, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**Recommended Response Action**
Disable the Fresh Air Configuration mode and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## EPP008

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Chassis Management Controller (CMC) failover process is in progress.

**Detailed Description**
The Extended Power Performance cannot be used because the Chassis Management Controller (CMC) failover process is in progress.

**Recommended Response Action**
Wait for the failover process to complete, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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## EPP009

**Message**
Unable to use the Extended Power Performance (EPP) feature because the Grid Redundancy feature is not available.

**Detailed Description**
The Extended Power Performance cannot be used because the Grid Redundancy feature is not available.

**Recommended Response Action**
Resolve the Grid Redundancy feature-related issue, and then retry to enable the EPP feature. For more information on the Grid Redundancy feature see Chassis Management Controller (CMC) User Guide.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**EPP010**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the power supply unit (PSU) slot - *arg1* is empty.

**Arguments**
*arg1* = slot number

**Detailed Description**
The Extended Power Performance cannot be used because the power supply unit (PSU) slot identified in the message is empty.

**Recommended Response Action**
Install an EPP-capable PSU in the empty slot, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**Filter Visibility**

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**EPP011**

**Message**
Unable to use the Extended Power Performance (EPP) feature because the power supply unit (PSU) slot - *arg1* has no input power.

**Arguments**
*arg1* = slot number

**Detailed Description**
The Extended Power Performance cannot be used because the power supply unit (PSU) slot identified in the message has no power supply.

**Recommended Response Action**
Make sure that the PSU in the PSU slot has input power, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Unable to use the Extended Power Performance (EPP) feature because the power supply unit (PSU) slot - arg1 has no output power.

Arguments
arg1 = slot number

Detailed Description
The Extended Power Performance cannot be used because the power supply unit (PSU) slot identified in the message has no output power.

Recommended Response Action
Make sure that the PSU in the PSU slot has no issue in the output power, and then retry to enable the EPP feature. To check the health status of the PSU identified in the message using the RACADM CLI utility, enter the following command: “racadm getpbinfo”. If the PSU identified in the message is showing no output power, contact your service provider.

Category
System Health (EPP = Extended Power Performance)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**Detailed Description**
The Extended Power Performance cannot be used because the power rating of PSU identified in the slot is less than 3000W.

**Recommended Response Action**
Make sure that there are at least six PSUs in the chassis and each PSU must be of 3000W capacity, and then retry to enable the EPP feature.

**Category**
System Health (EPP = Extended Power Performance)

**Severity**
Severity 2 (Warning)

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**Message**
Unable to use the Extended Power Performance (EPP) feature because the Redundancy Policy is not set to Grid Redundancy.

**Detailed Description**
The Extended Power Performance is cannot be used because the Redundancy Policy is not set to Grid Redundancy.

**Recommended Response Action**
Configure the Power Redundancy Policy to Grid Redundancy and retry to enable the EPP feature. To configure the Power Redundancy Policy using the RACADM CLI utility, enter the following command: `racadm config -g cfgChassisPower -o cfgChassisRedundancyPolicy 1`.

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547
EPP015

Message
Unable to use the Extended Power Performance (EPP) feature because the System Input Power Cap is set to less than or equal to 13300W (45381 BTU/h).

Detailed Description
The Extended Power Performance cannot be used because the System Input Power Cap is set to less than or equal to 13300W (45381 BTU/h).

Recommended Response Action
Set the Chassis Power Cap to greater than 13300W (45381 BTU/h), and then retry to use the EPP feature. To set the Chassis Power Cap using the RACADM CLI utility, enter the following command: "racadm config -g cfgChassisPower -o cfgChassisDefaultPowerCapUpperBound 13301".

Category
System Health (EPP = Extended Power Performance)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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FAN Event Messages

FAN0000

Message  Fan arg1 RPM is less than the lower warning threshold.
Arguments  arg1 = number
Detailed Description  The fan is not performing optimally. The fan may be installed improperly or may be failing.
Recommended Response Action  Remove and re-install the fan at the next scheduled service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (FAN = Fan Event)
Severity  Severity 2 (Warning)
Trap/EventID  2154
Redfish Event Type  Alert

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</table>

FAN0001

Message  Fan arg1 RPM is less than the lower critical threshold.
Arguments  arg1 = number
Detailed Description  The fan is not performing optimally. The fan may be installed improperly or may be failing.
Recommended Response Action  Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2153
LCD Message: Fan <number> RPM is outside of range. Check fan.
Redfish Event Type: Alert

<table>
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LC Log: ✔
LCD: ✔
OS Log: ✔
Power Off: ✔
Power Cycle: ✔
Reset: ✔
Chassis Event Proxy: ✔

**FAN0002**

Message: Fan arg1 RPM is greater than the upper warning threshold.
Arguments: arg1 = number
Detailed Description: The fan is not performing optimally. The fan may be installed improperly or may be failing.
Recommended Response Action: Remove and re-install the fan at the next scheduled service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (FAN = Fan Event)
Severity: Severity 2 (Warning)
Trap/EventID: 2154
Redfish Event Type: Alert

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LC Log: ✔
LCD: ✔
OS Log: ✔
Power Off: ✔
Power Cycle: ✔
Reset: ✔
Chassis Event Proxy: ✔

iDRAC | ✔   | ✔  |
CMC | ✔   | ✔  |
FAN0003

Message  Fan arg1 RPM is greater than the upper critical threshold.

Arguments  arg1 = number

Detailed Description  The fan is not performing optimally. The fan may be installed improperly or may be failing.

Recommended Response Action  Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  System Health (FAN = Fan Event)

Severity  Severity 1 (Critical)

Trap/EventID  2153

LCD Message  Fan <number> RPM is outside of range. Check fan.

Redfish Event Type  Alert

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FAN0004

Message  Fan arg1 RPM is outside of range.

Arguments  arg1 = number

Detailed Description  The fan is not performing optimally. The fan may be installed improperly or may be failing.

Recommended Response Action  Remove and re-install the fan. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  System Health (FAN = Fan Event)

Severity  Severity 1 (Critical)

Trap/EventID  2153

LCD Message  Fan <number> RPM is outside of range. Check fan.

Redfish Event Type  Alert
**FAN0005**

Message: Fan arg1 RPM is within range.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (FAN = Fan Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2155
Redfish Event Type: Alert

**FAN0006**

Message: Fan arg1 is removed.
Arguments: arg1 = number
Detailed Description: The fan may be required for optimal performance.
Recommended Response Action
If unintentional, install a fan.

Category   System Health (FAN = Fan Event)
Severity   Severity 1 (Critical)
Trap/EventID   2153
Redfish Event Type   Alert

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FAN0007

Message   Fan arg1 was inserted.
Arguments   arg1 = number
Detailed Description   None
Recommended Response Action   No response action is required.

Category   System Health (FAN = Fan Event)
Severity   Severity 3 (Informational)
Trap/EventID   2155
Redfish Event Type   Alert

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**FAN0008**

**Message**  
Fan arg1 is present.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2155

**Redfish Event Type**  
Alert

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**FAN0009**

**Message**  
Fan arg1 is absent.

**Arguments**  
arg1 = number

**Detailed Description**  
The fan may be required for optimal performance.

**Recommended Response Action**  
If unintentional, install a fan.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2153

**LCD Message**  
Fan <number> is absent. Check Fan.

**Redfish Event Type**  
Alert
### FAN0010

**Message**  
Fan arg1 is disabled.

**Arguments**  
arg1 = number

**Detailed Description**  
The fan may be required for optimal performance.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2154

**Redfish Event Type**  
Alert

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### FAN0011

**Message**  
Fan arg1 is enabled.

**Arguments**  
arg1 = number

**Detailed Description**  
None
**Recommended Response Action**
No response action is required.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2155

**Redfish Event Type**
Alert

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**FAN0012**

**Message**
arg1 RPM is less than the lower warning threshold.

**Arguments**
arg1 = fan name

**Detailed Description**
The device is not performing optimally. The device may be installed improperly.

**Recommended Response Action**
Remove and re-install the device at the next scheduled service. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2154

**Redfish Event Type**
Alert

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FAN0013

Message  
arg1 RPM is less than the lower critical threshold.

Arguments  
arg1 = fan name

Detailed Description  
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response Action  
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  
System Health (FAN = Fan Event)

Severity  
Severity 1 (Critical)

Trap/EventID  
2153

Redfish Event Type  
Alert

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FAN0014

Message  
arg1 RPM is greater than the upper warning threshold.

Arguments  
arg1 = fan name

Detailed Description  
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response Action  
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  
System Health (FAN = Fan Event)

Severity  
Severity 2 (Warning)

Trap/EventID  
2154

Redfish Event Type  
Alert
FAN0015

Message
arg1 RPM is greater than the upper critical threshold.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.

Recommended Response Action
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

Trap/EventID
2153

Redfish Event Type
Alert

FAN0016

Message
arg1 RPM is outside of normal operating range.

Arguments
arg1 = fan name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly.
Recommended Response Action
Remove and re-install the cooling device. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

Trap/EventID
2153

Redfish Event Type
Alert

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<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

FAN0017

Message
arg1 RPM is within normal operating range.

Arguments
arg1 = fan name

Detailed Description
The RPM of the fan identified in the message is functioning correctly.

Recommended Response Action
No response action is required.

Category
System Health (FAN = Fan Event)

Severity
Severity 3 (Informational)

Trap/EventID
2155

Redfish Event Type
Alert

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</table>
### FAN0018

**Message**
Enhanced Cooling Mode is not supported for fan arg1.

**Arguments**
- arg1 = fan number

**Detailed Description**
Enhanced Cooling Mode is not supported by the type of fan identified in the message.

**Recommended Response Action**
Replace the fan identified in the message with another fan which supports Enhanced Cooling Mode.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### FAN0019

**Message**
An incompatibility between operating mode and fan type was corrected for fan arg1.

**Arguments**
- arg1 = fan number

**Detailed Description**
An incompatibility between operating mode and fan type was corrected for the fan identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### FAN0020

**Message**
The arg1 is non-functional.

**Arguments**
- arg1 = fan name

**Detailed Description**
The fan identified in the message has failed or it is not installed correctly.

**Recommended Response Action**
Remove and re-install the fan or replace the fan, and open the OMSA Web interface to verify if the fan specified in the message is displayed correctly. If the issue persists, contact your service provider.

**Category**
System Health (FAN = Fan Event)
Severity 1 (Critical)

OMSA Event ID 5300

Redfish Event Type Alert

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**FAN0021**

Message

arg1 is offline.

Arguments

arg1 = fan name

Detailed Description

The fan identified in the message is removed. However, the fan may be required for optimal system performance.

Recommended Response Action

Re-install the fan, and open the OMSA Web interface to verify if the fan identified in the message is displayed correctly. If the issue persists, contact your service provider.

Category

System Health (FAN = Fan Event)

Severity

Severity 3 (Informational)

OMSA Event ID 5303

Redfish Event Type Alert

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FAN0022

Message
The arg1 sensor has failed, and the last recorded value by the sensor was arg2 RPM.

Arguments
arg1 = sensor name, arg2 = fan speed

Detailed Description
The sensor identified in the message has failed. The sensor may be required for optimal system performance.

Recommended Response Action
Check the Embedded System Management (ESM) Log for any sensor related faults. If the fan sensor has failed, replace the system board. For more information, contact your service provider.

Category
System Health (FAN = Fan Event)

Severity
Severity 1 (Critical)

OMSA Event ID
5100

Redfish Event Type
Alert

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<tr>
<th>Filter Visibility</th>
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CMC

FAN0023

Message
Unable to read the arg1 sensor value.

Arguments
arg1 = sensor name

Detailed Description
The fan sensor identified in the message has failed or the fan has failed.

Recommended Response Action
Do the following: 1) Remove the old fan, install a new fan and power cycle the system to check if the fan is working properly, 2) Replace the system board if the fan sensor has failed. 3) If the issue persists, contact your service provider.

Category
System Health (FAN = Fan Event)

Severity
Severity 2 (Warning)

OMSA Event ID
5101

Redfish Event Type
Alert
### FAN0024

**Message**  
The `arg1` sensor returned to a normal state with a value of `arg2` RPM.

**Arguments**  
`arg1` = sensor name, `arg2` = fan speed

**Detailed Description**  
The sensor identified in the message has returned to a normal state.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (FAN = Fan Event)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
5102

**OMSA Trap ID**  
5102

**Redfish Event Type**  
Alert

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### FAN0025

**Message**  
The `arg1` sensor state has changed to a warning state with a value of `arg2` RPM.

**Arguments**  
`arg1` = sensor name, `arg2` = fan speed

**Detailed Description**  
The fan identified in the message is not functioning correctly. The fan may be installed incorrectly or may be failing.
Recommended Response Action: Remove and re-install the fan, or replace the fan. If the issue persists, contact your service provider.

Category: System Health (FAN = Fan Event)
Severity: Severity 2 (Warning)
OMSA Event ID: 5103
OMSA Trap ID: 5103
Redfish Event Type: Alert

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**FAN0026**

Message: The arg1 sensor detected an error with a value of arg2 RPM.

Arguments: arg1 = sensor name, arg2 = fan speed

Detailed Description: The fan sensor identified in the message indicates that the related fan has exceeded critical RPM thresholds.

Recommended Response Action: Remove and re-install the fan, or replace the fan with a new fan. If the issue persists, contact your service provider.

Category: System Health (FAN = Fan Event)
Severity: Severity 1 (Critical)
OMSA Event ID: 5104
OMSA Trap ID: 5104
Redfish Event Type: Alert

<table>
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<tr>
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**FAN0027**

**Message**
The arg1 sensor has failed with a value of arg2 RPM.

**Arguments**
arg1 = sensor name, arg2 = fan speed

**Detailed Description**
The sensor identified in the message has failed. The sensor may be required for optimal system performance.

**Recommended Response Action**
Check the Embedded System Management (ESM) Log for any sensor related faults. If the fan sensor has failed, replace the system board. For more information, contact your service provider.

**Category**
System Health (FAN = Fan Event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5105

**OMSA Trap ID**
5105

**Redfish Event Type**
Alert

---

**FAN1000**

**Message**
arg1 was removed.

**Arguments**
arg1 = Fan Sensor Name

**Detailed Description**
The enclosure detected that a fan was removed and the enclosure is no longer functioning in optimal condition.

**Recommended Response Action**
Re-insert the fan into the enclosure. Contact technical support if the issue persists.

**Category**
Storage (FAN = Fan Event)
Severity: Severity 1 (Critical)
Trap/EventID: 4201
Redfish Event Type: Alert

<table>
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**FAN1001**

Message: `arg1` has been inserted.
Arguments: `arg1` = Fan Sensor Name
Description: The enclosure detected that a fan was inserted.
Recommended Response Action: No response action is required.
Category: Storage (FAN = Fan Event)
Severity: Severity 3 (Informational)
Trap/EventID: 4203
Redfish Event Type: Alert

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**FAN1002**

Message: `arg1` has failed.

566
Arguments  $arg1$ = Fan Sensor Name

Detailed Description  The enclosure detected that a fan has failed and the enclosure is no longer functioning in optimal condition.

Recommended Response Action  Contact technical support.

Category  Storage (FAN = Fan Event)

Severity  Severity 1 (Critical)

Trap/EventID  4201

Redfish Event Type  Alert

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FAN8500

Message  Enhanced Cooling Mode is Enabled

Detailed Description  Enabling Enhanced Cooling Mode will provide increased airflow capability to the blades by increasing the maximum allowable blower speed at the cost of increased power consumption.

Recommended Response Action  No response action is required.

Category  Audit (FAN = Fan Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

FAN8501

Message  Enhanced Cooling Mode is Disabled

Detailed Description  Disabling Enhanced Cooling Mode allows for reduced power consumption by reducing the maximum speed of the blowers while still providing sufficient blade airflow.
FAN8502

Message
Unable to detect the blower arg1 because the blower may not be optimally operating.

Arguments
arg1 = blower name

Detailed Description
The current CMC firmware did not detect the blower identified in the message.

Recommended Response Action
Make sure that CMC is using the latest firmware, and then retry the operation.

Category
Audit (FAN = Fan Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔
CMC
✔

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
CMC

FAN8503

Message
The Chassis was turned off because more than two internal fans stopped functioning.

Detailed Description
The Chassis was turned off because more than two Chassis internal fans stopped functioning. The fans with issues are identified in the CMC Hardware (System Event Log) and Chassis Logs.

Recommended Response Action
Make sure that the Chassis internal fans are functioning. At the command line interface (CLI), enter the following command to identify fans that are not functioning: "racadm getsel". Using the CMC Web GUI, select the chassis, click the
Logs tab, and then select Hardware Log. Reinsert or replace fans that are not functioning correctly.

**Category**  
Audit (FAN = Fan Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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<table>
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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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**FAN900**

**Message**  
The Enhanced Cooling Mode is successfully enabled.

**Detailed Description**  
The Enhanced Cooling Mode is successfully enabled.

**Recommended Response Action**  
No response action required.

**Category**  
Configuration (FAN = Fan Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**FAN901**

**Message**  
The Enhanced Cooling Mode is successfully disabled.
The Enhanced Cooling Mode is successfully disabled.

No response action required.

Configuration (FAN = Fan Event)

Severity 2 (Warning)

Alert

Add PSUs with higher power capability or remove Chassis components such as I/O Modules or servers until the power requirements have been lowered enough to enable the Enhanced Cooling Mode, and then retry the operation.

Configuration (FAN = Fan Event)

Severity 2 (Warning)

Alert

Add PSUs with higher power capability or remove Chassis components such as I/O Modules or servers until the power requirements have been lowered enough to enable the Enhanced Cooling Mode, and then retry the operation.
FAN903

**Message**
Cannot enable the Enhanced Cooling Mode because an unsupported fan is inserted in the Chassis.

**Detailed Description**
The Enhanced Cooling Mode cannot be enabled because an unsupported fan is present in the Chassis.

**Recommended Response Action**
Insert a fan that is supported by the Chassis, and then retry the operation. For a list of fans that are supported by Chassis, see the Chassis Management Controller Users Guide.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**FAN904**

**Message**
Cannot enable the Enhanced Cooling Mode because the Maximum Power Conservation Mode is enabled.

**Detailed Description**
The Enhanced Cooling Mode cannot be enabled because the Maximum Power Conservation Mode is enabled.

**Recommended Response Action**
Disable the Maximum Power Conservation Mode, and then retry the operation. To disable the mode by using CMC Web interface, click Chassis Overview > Power > Configuration. To disable the mode using the RACADM utility, run the command "racadm config -g cfgThermal -o cfgThermalEnhancedCoolingMode 0".

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
FAN905

Message
Applying fan configuration settings. This may take several seconds.

Detailed Description
Applying fan configuration settings. This may take several seconds.

Recommended Response Action
No response action required.

Category
Configuration (FAN = Fan Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

FAN906

Message
Changes are not made to the current settings.

Detailed Description
Changes are not made to the current settings.

Recommended Response Action
Make sure that changes are made to the settings and retry the operation.

Category
Configuration (FAN = Fan Event)

Severity
Severity 2 (Warning)
### FAN907

**Message**
The Enhanced Cooling Mode feature is already enabled.

**Detailed Description**
The Enhanced Cooling Mode feature is already enabled.

**Recommended Response Action**
No response action required.

**Category**
Configuration (FAN = Fan Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Message**
The Enhanced Cooling Mode feature is already disabled.

**Detailed Description**
The Enhanced Cooling Mode feature is already disabled.

**Recommended Response Action**
No response action required.

**Category**
Configuration (FAN = Fan Event)
The attempt to enable the Enhanced Cooling Mode was not successful.
The attempt to enable the Enhanced Cooling Mode (ECM) was not successful because ECM is already enabled or Gen3 fans are not present in the Chassis.
Check whether or not the Enhanced Cooling Mode (ECM) is already enabled. Make sure there are Gen3 fans in the Chassis and retry the operation.
FC Event Messages

**FC001**

**Message** The command was successful.

**Detailed Description** The command was successful.

**Recommended Response Action** No response action is required.

**Category** Configuration (FC = Fiber Channel)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert

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**FC002**

**Message** Unable to allocate memory.

**Detailed Description** Unable to allocate memory required to perform the operation.

**Recommended Response Action** Perform an AC power cycle and retry Lifecycle Controller and iDRAC firmware update.

**Category** Configuration (FC = Fiber Channel)

**Severity** Severity 1 (Critical)

**Redfish Event Type** Alert
FC003

Message: Missing required parameter.

Detailed Description: An invalid number of arguments was provided to the method.

Recommended Response Action: Enter required input parameters and retry. For more information, see Lifecycle Controller Users Guide or the FC HBA Profile specification.

Category: Configuration (FC = Fiber Channel)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

FC004

Message: Invalid parameter value for arg1

Arguments: arg1 = parameter value

Detailed Description: The value for the specified parameter is invalid.

Recommended Response Action: Make sure that the input parameter values that are provided to the method match the parameter data type and possible values defined in the FC HBA Profile specification.
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</tbody>
</table>

No alerts are applicable for this message

**FC005**

Message: The number of AttributeName array elements does not match the AttributeValue array element count.

Detailed Description: The number of AttributeName and AttributeValue array elements are not equal.

Recommended Response Action: Provide equal number of array elements for AttributeName and AttributeValue parameters. For more information about input parameters, see FC HBA Profile specification.

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</tbody>
</table>

No alerts are applicable for this message

**FC006**

Message: Configuration job already created, cannot set attribute on specified target until existing job is completed or is cancelled.

Detailed Description: A configuration job already exists for the specified target. No further configuration operations are allowed until the existing job is competed or the job is cancelled.

Recommended Response Action: Wait until the existing configuration job for the targeted component is complete or cancel the existing job before retrying the operation.

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</table>

No alerts are applicable for this message

**FC007**

Message: A configuration job already exists. Unable to create another configuration job on specified target until existing job is completed or is cancelled.

Detailed Description: Configuration job already created on the specified target. No further command is allowed until the existing job succeeded or the job is cancelled.
FC008

**Message**
No pending data present to create a Configuration job.

**Detailed Description**
No changes are available between the previous configuration and the current configuration. To create a Configuration job, change at least one attribute.

**Recommended Response Action**
Change the configuration of one or more attributes and retry creating the Configuration job.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

FC009

**Message**
Lifecycle Controller is currently in use.

**Detailed Description**
Lifecycle Controller cannot gain access to internal storage due to use by another application or operation.

**Recommended Response Action**
Wait for Lifecycle Controller to complete the current operation. Make sure that the system is: 1) Not currently in Lifecycle Controller Unified Server Configurator 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

FC010

**Message**
Unable to create Configuration job because Lifecycle Controller is not enabled.

**Detailed Description**
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For
12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

**Recommended Response Action**
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**FC011**

**Message**
Configuration job already created, pending data cannot be deleted

**Detailed Description**
Configuration job already created on the specified target. No further command is allowed until the existing job is completed.

**Recommended Response Action**
Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**FC012**

**Message**
No pending data to delete.

**Detailed Description**
No changes to component attribute data are available between the previous configuration and the current configuration.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### FC013

**Message**
Invalid AttributeName: `arg1`.

**Arguments**
`arg1` = parameter name

**Detailed Description**
An incorrect AttributeName parameter name was provided.

**Recommended Response Action**
Enter the correct AttributeName available for the component in the system.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### FC014

**Message**
Invalid AttributeValue parameter content for corresponding AttributeName `arg1`.

**Arguments**
`arg1` = parameter name

**Detailed Description**
The AttributeValue parameter is invalid due to one of the following: 1) The length of new AttributeValue is not within the minimum length and maximum length range or does not comply with the governing regular expression 2) Value of new AttributeValue is not within the lower bound and upper bound range limits 3) The value is not one of the possible values.

**Recommended Response Action**
For valid attribute values, see the FC HBA Profile specification.

**Category**
Configuration (FC = Fiber Channel)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### FC015

**Message**
Unable to change read-only attribute `arg1`.

**Arguments**
`arg1` = parameter name

**Detailed Description**
A set attribute operation was not successful because the attribute is read-only.

**Recommended Response Action**
No response action is required.
FC016

Message: Unable to change the attribute value of the disabled attribute arg1.
Arguments: arg1 = parameter name
Detailed Description: A set attribute operation was not successful because the attribute is disabled.
Recommended Response Action: No response action is required.

FC017

Message: Unable to perform the operation due to an internal error in iDRAC.
Detailed Description: An internal error occurred in iDRAC and the operation cannot continue. An iDRAC reset is required to recover from the error.
Recommended Response Action: Disconnect the AC power source from the system, reconnect the power source, and retry the operation.

FC102

Message: The arg1 port arg2 link is not functioning either because the FC cable is not connected or the FC device is not functioning.
Arguments: arg1 = controller ID, arg2 = port ID
Detailed Description: The FC controller port link identified in the message is not functioning either because the FC cable is not connected or the FC device is not functioning.
Recommended Response Action
Do the following: 1) Make sure that the FC port is enabled. 2) Make sure the Activity/Speed LEDs are lit if the physical port has LEDs. 3) Check the FC cable and FC cable connections for proper installation. 4) Check that the attached FC switch is functioning.

Category
System Health (FC = Fiber Channel)

Severity
Severity 2 (Warning)

Trap/EventID
2538

Redfish Event Type
Alert

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**FC103**

Message
The `arg1` port `arg2` network connection is successfully started.

Arguments
`arg1` = controller ID, `arg2` = port ID

Detailed Description
The network connection of the FC controller port link identified in the message is successfully started.

Recommended Response Action
No response action required.

Category
System Health (FC = Fiber Channel)

Severity
Severity 3 (Informational)

Trap/EventID
2539

Redfish Event Type
Alert

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FCD Event Messages

FCD8500

Message
Unable to apply the \( \text{arg1} \) configuration. The affected servers (slot \( \text{arg2} \)) are not turned off.

Arguments
\( \text{arg1} = \) configuration name, \( \text{arg2} = \) slot number

Detailed Description
The server specified in the message must be turned off or the server slot must be empty before changing the FlexAddress configuration.

Recommended Response Action
Turn off the server and retry the operation.

Category
Audit (FCD = Feature Card)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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FCD8501

Message
The feature is deactivated: \( \text{arg1} \).

Arguments
\( \text{arg1} = \) feature name

Detailed Description
The FlexAddress, FlexAddress+ or extended storage feature is deactivated. Turn chassis off and remove the feature card.

Recommended Response Action
Turn chassis off and remove the feature card.

Category
Audit (FCD = Feature Card)

Severity
Severity 1 (Critical)
FCD8503

Message: The feature is activated in the chassis: arg1

Arguments: arg1 = feature name

Detailed Description: Chassis already has the feature identified in the message activated. Only one instance of a feature can be activated at a time. If the feature must be activated on the new card, it must be deactivated before activating.

Recommended Response Action: No response action is required

Category: Audit (FCD = Feature Card)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

FCD8504

Message: The feature was previously activated on another chassis.

Detailed Description: The card was installed and activated on another chassis. To use this card, it must be deactivated (uninstalled) on the other chassis.
### FCD8505

**Message**
The features cannot be deactivated when the chassis is turned on.

**Detailed Description**
Features cannot be deactivated when the chassis is turned on.

**Recommended Response Action**
Turn off the chassis via the Web interface or RACADM command line interface before deactivating the feature. To turn off the chassis using RACADM type "racadm chassisaction -m chassis powerdown". To deactivate the feature using RACADM, type "racadm <feature> -d" where <feature> is the name of the feature to be deactivated.

**Category**
Audit (FCD = Feature Card)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**Recommended Response Action**
Remove the card and install it on the chassis where the feature is activated.

**Category**
Audit (FCD = Feature Card)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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<th>Email Alert</th>
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586
FCD8531

Message  Unable to activate the arg1. The chassis service tag is unavailable.

Arguments  arg1 = feature name

Detailed Description  The CMC is not responding. The chassis has the factory-programmed service tag.

Recommended Response Action  Contact your service provider.

Category  Audit (FCD = Feature Card)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

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<tr>
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587
FLDC Event Messages

FLDC1001

Message  The journal mirror at path = arg1 is available.
Arguments  arg1 = World Wide Name
Detailed Description  The entry in the journal for the device identified in the message with the WWN (World Wide Name) is available.
Recommended Response Action  No response action is required.
Category  Storage (FLDC = Unknown)
Severity  Severity 3 (Informational)
OMSA Event ID  2700
OMSA Trap ID  160100
Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
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iDRAC  ✔️  ✔️  ✔️  ✔️  ✔️
CMC

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
---  ---  ---  ---  ---  ---  ---
iDRAC  ✔️  ✔️
CMC

FLDC1002

Message  The following journal mirror is being replaced: File Path Name = arg1 .
Arguments  arg1 = file path
Detailed Description  The journal mirror at the reported file path is being replaced. This event is a notification that the journal mirror replacement is now complete.
Recommended Response Action  No response action is required.
Category  Storage (FLDC = Unknown)
FLDC1003

Message
Cache flushing has started for the virtual disk with WWN = arg1 and path = arg2.

Arguments
arg1 = World Wide Name, arg2 = device pathname

Detailed Description
The cache flushing operation has started for the virtual disk identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2701

OMSA Trap ID
160100

Redfish Event Type
Alert

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FLDC1004

Message  
Cache flushing has completed for the virtual disk with WWN = \textit{arg1} and path = \textit{arg2}.

Arguments  
\textit{arg1} = World Wide name, \textit{arg2} = device pathname

Detailed Description  
The cache flushing operation has completed for the virtual disk identified in the message.

Recommended Response Action  
No response action is required.

Category  
Storage (FLDC = Unknown)

Severity  
Severity 3 (Informational)

OMSA Event ID  
2876

OMSA Trap ID  
90100

Redfish Event Type  
Alert

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FLDC1006

Message  
The cache device \textit{arg1} with WWN = \textit{arg2} and path = \textit{arg3} is registered.

Arguments  
\textit{arg1} = physical disk name, \textit{arg2} = World Wide Name, \textit{arg3} = device pathname

Detailed Description  
The cache device identified in the message is registered by the Fluid Cache.

Recommended Response Action  
No response action is required.

Category  
Storage (FLDC = Unknown)

Severity  
Severity 3 (Informational)

OMSA Event ID  
2903

OMSA Trap ID  
90100

Redfish Event Type  
Alert
FLDC1007

Message
The cache device arg1 with WWN = arg2 and path = arg3 is removed.

Arguments
arg1 = physical disk Name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
The cache device identified in the message is removed from the Fluid Cache configuration.

Recommended Response Action
No response action is required.

Category
Storage (FLDC = Unknown)

Severity
Severity 3 (Informational)

OMSA Event ID
2904

OMSA Trap ID
90100

Redfish Event Type
Alert

FLDC1008

Message
The cache device arg1 with WWN = arg2 and path = arg3 is being removed.

Arguments
arg1 = physical disk Name, arg2 = World Wide Name, arg3 = device pathname

Detailed Description
The cache device identified in the message is being removed from the Fluid Cache configuration.
**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2905

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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**FLDC1009**

**Message**
Caching is being removed for the arg1 with WWN = arg2 and path = arg3.

**Arguments**
arg1 = virtual disk name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
Caching is being removed for the virtual disk identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2906

**OMSA Trap ID**
120100;150100;160100

**Redfish Event Type**
Alert

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FLDC1010

Message Caching is enabled on the $arg1$ with wwn = $arg2$ and path = $arg3$.
Arguments $arg1$ = virtual disk name, $arg2$ = World Wide Name, $arg3$ = device pathname
Detailed Description Caching is enabled on the virtual disk identified in the message.
Recommended Response Action No response action is required.
Category Storage (FLDC = Unknown)
Severity Severity 3 (Informational)
OMSA Event ID 2907
OMSA Trap ID 120100;150100
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Email Alert Remote System Log WS Eventing Redfish Eventing
iDRAC ✔ ✔ ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC

FLDC1012

Message Caching is disabled for the $arg1$ with WWN = $arg2$ and path = $arg3$.
Arguments $arg1$ = virtual disk name, $arg2$ = World Wide Name, $arg3$ = device pathname
Detailed Description The operation to disable caching is successful. Caching is disabled for the virtual disk identified in the message.
Recommended Response Action No response action is required.
Category Storage (FLDC = Unknown)
Severity Severity 3 (Informational)
OMSA Event ID: 2910
OMSA Trap ID: 120100;150100;160100
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔
CMC

**FLDC1013**

**Message**: The cached LUN with WWN = arg1 and path = arg2 for arg3 has had a failure.

**Arguments**: arg1 = World Wide Name, arg2 = device pathname, arg3 = virtual disk name

**Detailed Description**: The cached LUN identified in the message has had a failure to successfully perform a read or write operation. The user application should now be seeing I/O failures when trying to read or write to the Fluid Cache device at the path identified in the message.

**Recommended Response Action**: Contact your service provider to diagnose the cause and assist in recovery process.

**Category**: Storage (FLDC = Unknown)

**Severity**: Severity 1 (Critical)

OMSA Event ID: 2911
OMSA Trap ID: 140400
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔
CMC
**FLDC1014**

**Message**
Replication of the cache device arg1 with WWN = arg2 and path = arg3 is complete.

**Arguments**
arg1 = physical device name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
Replication of the cache device identified in the message is complete.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2912

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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**FLDC1015**

**Message**
Recovery of the cache device arg1 with wwn = arg2 and path = arg3 is complete.

**Arguments**
arg1 = physical disk name, arg2 = World Wide Name, arg3 = device pathname

**Detailed Description**
The recovery of the cache device identified in the message complete.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2913

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert
### FLDC1016

**Message**
A valid permanent license is installed for Fluid Cache.

**Detailed Description**
A valid permanent license is installed for Fluid Cache.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2914

**OMSA Trap ID**
160100

**Redfish Event Type**
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### FLDC1017

**Message**
A license has been installed for Fluid Cache.

**Detailed Description**
A license has been installed for Fluid Cache.

**Recommended Response Action**
No response action is required.
Category: Storage (FLDC = Unknown)  
Severity: Severity 3 (Informational)  
OMSA Event ID: 2920  
OMSA Trap ID: 160100  
Redfish Event Type: Alert

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**FLDC1018**

Message: A license has been removed for Fluid Cache.  
Detailed Description: A license has been removed for Fluid Cache.  
Recommended Response Action: No response action is required.  
Category: Storage (FLDC = Unknown)  
Severity: Severity 3 (Informational)  
OMSA Event ID: 2921  
OMSA Trap ID: 160100  
Redfish Event Type: Alert

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### FLDC1019

**Message**
All cache devices have been found and registered for Fluid Cache.

**Detailed Description**
All cache devices have been found and registered for Fluid Cache.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2924

**OMSA Trap ID**
160100

**Redfish Event Type**
Alert

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### FLDC1020

**Message**
The storage device with WWN = arg1 and path = arg2 is in unknown state.

**Arguments**
arg1 = wwn name, arg2 = path name

**Detailed Description**
The storage device identified in the message is in unknown state.

**Recommended Response Action**
Service is required. Contact your service provider.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2909

**OMSA Trap ID**
120300;150300

**Redfish Event Type**
Alert
**FLDC1021**

**Message**
The journal mirror entry with WWN = arg1 is not accessible.

**Arguments**
arg1 = World Wide Name

**Detailed Description**
The device identified in the message having the journal mirror entry with given WWN (World Wide Name) is not accessible. A portion of an SSD is used for journal content. To assure consistency, the journal content is written into two other SSDs. These copies are journal mirrors. If the journal content cannot be written to any of the journal mirrors, then this event is signaled. It is a warning because the FLDC code will then attempt to choose another SSD to be a journal mirror.

**Recommended Response Action**
No response action is required.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2702

**OMSA Trap ID**
160300

**Redfish Event Type**
Alert
FLDC1022

Message  The associated server of the Cache Device \textit{arg1} with WWN = \textit{arg2} is not configured.

Arguments \textit{arg1} = physical disk name, \textit{arg2} = World Wide Name

Detailed Description  The cache device identified in the message with given WWN does not exist in the Fluid Cache configuration.

Recommended Response Action  To identify the cause of the configuration inconsistency, contact your service provider.

Category  Storage (FLDC = Unknown)

Severity  Severity 2 (Warning)

OMSA Event ID  2874

OMSA Trap ID  90300

Redfish Event Type  Alert

\begin{tabular}{|c|c|c|c|c|c|c|c|}
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CMC & & & & & & \\
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LC Log & LCD & OS Log & Power Off & Power Cycle & Reset & Chassis Event Proxy \\
\hline
drAC & ✔ & ✔ & & & & \\
CMC & & & & & & \\
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\end{tabular}

FLDC1023

Message  Fluid Cache is running on an evaluation license and the evaluation license expires in \textit{arg1} days.

Arguments \textit{arg1} = days

Detailed Description  Fluid Cache is currently running on an evaluation license and the evaluation license expires in the number of days identified in message.

Recommended Response Action  A permanent license for Fluid Cache should be purchased for continued service.

Category  Storage (FLDC = Unknown)

Severity  Severity 3 (Informational)

OMSA Event ID  2916

OMSA Trap ID  160100
Redfish Event Type: Alert

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CMC

**FLDC1024**

**Message**
Caching was enabled in write-back mode, but it is currently operating in write-through mode.

**Detailed Description**
Caching was enabled in write-back mode but currently it is operating in write-through mode because the fluid Cache Pool has one PCIe-SSD.

**Recommended Response Action**
Add another PCIe SSD device to the Fluid Cache Pool to resolve the issue.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
2930

**OMSA Trap ID**
120300;150300;160300

Redfish Event Type: Alert

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CMC

**FLDC1025**

**Message**
Caching was enabled in write-back or write-through mode, it is currently operating in pass-through mode.
Detailed Description: Caching was enabled in write-back mode or write through mode, but currently it is operating in write-through mode because fluid Cache Pool has no PCIe-SSD device.

Recommended Response Action: Add another PCIe SSD device to the Fluid Cache Pool to resolve the issue.

Category: Storage (FLDC = Unknown)
Severity: Severity 2 (Warning)
OMSA Event ID: 2931
OMSA Trap ID: 120300;150300;160300
Redfish Event Type: Alert

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**FLDC1026**

Message: Caching is no longer degraded to write-through mode and is now operating in write-back mode for Fluid Cache.

Detailed Description: The caching mode has been restored back to write-back mode due to the availability of additional PCIeSSD devices in the Fluid Cache configuration.

Recommended Response Action: No response action is required.

Category: Storage (FLDC = Unknown)
Severity: Severity 2 (Warning)
OMSA Event ID: 2932
OMSA Trap ID: 120300;150300;160300
Redfish Event Type: Alert

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FLDC1027

Message  Caching is no longer degraded to pass-through mode and is now operating in its configured mode for Fluid Cache.

Detailed Description  The caching mode has been restored back to the configured mode due to the availability of additional PCIeSSD devices in the Fluid Cache configuration.

Recommended Response Action  No response action is required.

Category  Storage (FLDC = Unknown)

Severity  Severity 2 (Warning)

OMSA Event ID  2933

OMSA Trap ID  120300;150300,160300

Redfish Event Type  Alert

FLDC1028

Message  OMSS Connection to Fluid Cache service is no longer present.

Detailed Description  The communications connection between OMSS and the Fluid Cache service is no longer present.

Recommended Response Action  To reconnect OMSS to the Fluid Cache service: 1) Verify the Fluid Cache service is running. To verify the service run the following command: “fldc --status”. 2) Re-establish the connect by running the following command: “omconfig storage fluidcache action=connect”

Category  Storage (FLDC = Unknown)

Severity  Severity 1 (Critical)
FLDC1029

Message
There are not enough journal mirrors available for Fluid Cache to operate.

Detailed Description
The message indicates that there are not enough journal mirrors available for Fluid Cache to operate. Make sure that there are at least two journal mirrors that are accessible. Activate either one or more failed cache devices or use the fldc_restore utility to rebuild the node.

Recommended Response Action
Contact your service provider to diagnose the cause and assist in recovery process.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2703

OMSA Trap ID
160400
**FLDC1030**

**Message**
The cluster ID in the journal does not match the cluster ID in the configuration file for Fluid Cache.

**Detailed Description**
An Inconsistency was found in Fluid Cache configuration data.

**Recommended Response Action**
Service is required. Contact your service provider.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2704

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert

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**FLDC1031**

**Message**
The journal could not be read or written to for Fluid Cache.

**Detailed Description**
Unable to access redundant Fluid Cache configuration information.

**Recommended Response Action**
Service is required. Contact your service provider.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2705

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert
FLDC1032

**Message**
The cache device with WWN = arg1 and path = arg2 is no longer functional.

**Arguments**
arg1 = wwn name, arg2 = path name

**Detailed Description**
The PCIeSSD cache device identified in the message is no longer functional.

**Recommended Response Action**
Replace the non-functional PCIe SSD.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2900

**OMSA Trap ID**
90400

**Redfish Event Type**
Alert

---

FLDC1033

**Message**
The storage device WWN = arg1 and path = arg2 is either inaccessible or no longer functional.

**Arguments**
arg1 = wwn name, arg2 = path name
Detailed Description
The message indicates that the storage device is either inaccessible or is no longer functional.

Recommended Response Action
If the virtual disk is inaccessible, restore accessibility by bringing the virtual disk back online. After the virtual disk is accessible, run the following command to reactivate disk, "omconfig storage vdisk action=reactivate controller=id vdisk=id devicename=<string>". If the device is no longer functional, replace it.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2901

OMSA Trap ID
120400;150400

Redfish Event Type
Alert

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FLDC1034

Message
A valid license is not installed for Fluid Cache.

Detailed Description
A valid license is not installed for Fluid Cache.

Recommended Response Action
Install a valid Fluid Cache license. For more information, contact your service provider.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2915

OMSA Trap ID
160400

Redfish Event Type
Alert

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FLDC1035

Message
Configuration changes are not allowed, because Fluid cache is running on an expired evaluation license (Expired days: \( \text{arg1} \)).

Arguments
\( \text{arg1} = \text{number of days} \)

Detailed Description
Configuration changes are not allowed because Fluid Cache is running on an expired evaluation license. The message also indicates the number of days that Fluid Cache has been running with an expired license (maximum 30 days after expiration are allowed).

Recommended Response Action
Install a valid Fluid Cache license. For more information, contact your service provider.

Category
Storage (FLDC = Unknown)

Severity
Severity 1 (Critical)

OMSA Event ID
2917

OMSA Trap ID
160400

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✓
✓
✓
✓

CMC

FLDC1036

Message
Caching functionality is disabled because Fluid cache is running on an expired evaluation license (Expired days: \( \text{arg1} \)).

Arguments
\( \text{arg1} = \text{number of days} \)

Detailed Description
Caching functionality is disabled because Fluid cache is running on an expired evaluation license. The message also indicates the number of days that Fluid Cache has been running with an expired license (maximum 30 days after expiration are allowed).
**Recommended Response Action**
Install a permanent Fluid Cache license.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2918

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert

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**FLDC1037**

**Message**
Configuration changes are disabled, because Fluid cache is running on an expired or invalid license.

**Detailed Description**
Configuration changes are disabled, because Fluid cache is running on an expired or invalid license.

**Recommended Response Action**
Install a permanent Fluid Cache license.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2919

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert

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**FLDC1038**

**Message**
There is not enough memory capacity to run necessary services for Fluid Cache.

**Detailed Description**
There is not enough memory capacity to run necessary services for Fluid Cache.

**Recommended Response Action**
The minimum memory required to run Fluid Cache for DAS is 16 GB. For optimum operation, recommendation is to install 32 GB of RAM.

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2922

**OMSA Trap ID**
160400

**Redfish Event Type**
Alert

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**FLDC1039**

**Message**
One or more cache devices are missing, resulting in Fluid Cache to be unresponsive.

**Detailed Description**
One or more cache devices are missing and the cache is unresponsive.

**Recommended Response Action**
Insert the missing cache device. If the cache device was unplugged, reactivate it. Reactivate a cache device by running the following command: "omconfig storage pciessd action=reactivate subsystem=id pciedevice=<PDISKID>"

**Category**
Storage (FLDC = Unknown)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2923
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OMSA Trap ID: 160400
Redfish Event Type: Alert
FSD Event Messages

FSD000

Message  
Debug authorized by customer; debugcaps: arg1, was authorized by: arg2, at arg3 for the period: arg4 to arg5.

Arguments  
arg1 = DebugCaps, arg2 = iDRAC User, arg3 = unblock time, arg4 = start time, arg5 = end time

Detailed Description  
The customer has authorized the specified debug capabilities on this iDRAC. (This should occur in response to a request from Dell tech support.) Each debug capability represents a certain action Dell engineers can perform to debug iDRAC.

Recommended Response Action  
DebugCaps; iDRAC User; unblock time; start time; end time

Category  
Audit (FSD = Debug)

Severity  
Severity 3 (Informational)

Trap/EventID  
8595

Redfish Event Type  
Alert

Filter Visibility  
IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC ✔ ✔ ✔ ✔ ✔ ✔

CMC ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔ ✔

CMC

FSD001

Message  
Debug authorized by Dell; debugcaps: arg1, at arg2, was authorized by Dell employee: arg3, for the time period arg4 to arg5

Arguments  
arg1 = DebugCaps, arg2 = grant time, arg3 = Dell employee, arg4 = start time, arg5 = end time

Detailed Description  
Dell has authorized the specified debug capabilities. Each debug capability represents a certain action Dell engineers can perform to debug iDRAC.
**Recommended Response Action**
- DebugCaps;grant time;Dell employee;start time;end time

**Category**  
Audit (FSD = Debug)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8595

**Redfish Event Type**  
Alert

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**FSD002**

**Message**
Debug authorization failed; for debugCaps: arg1, authorized by iDRAC user: arg2, and Dell employee: arg3, at arg4 for the period: arg5 to arg6.

**Arguments**
- **arg1** = DebugCaps,
- **arg2** = IDRAC user,
- **arg3** = Dell employee,
- **arg4** = unblock time,
- **arg5** = start time,
- **arg6** = end time

**Detailed Description**
A RACADM Debug command failed. If the RACADM Debug command was executed under the direction of Dell tech support then further assistance from tech support should be requested. Otherwise this command is not intended for customer use.

**Recommended Response Action**
- DebugCaps;IDRAC user;Dell employee;unblock time;start time;end time

**Category**  
Audit (FSD = Debug)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
8594

**Redfish Event Type**  
Alert

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614
HWC Event Messages

HWC0001

Message Unable to complete the operation as there is no response from iDRAC.
Detailed Description The error is caused due to iDRAC failure.
Recommended Response Action 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord and turn on the system.
Category Configuration (HWC = Hardware Config)
Severity Severity 1 (Critical)
Redfish Event Type Alert

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HWC0002

Message Unable to detect vFlash SD card.
Detailed Description The vFlash SD Card is either not present or not correctly inserted.
Recommended Response Action Insert the vFlash SD card or reinsert the vFlash SD card, and retry the operation.
Category Configuration (HWC = Hardware Config)
Severity Severity 2 (Warning)
Redfish Event Type Alert
HWC0003

Message: Successfully initialized vFlash SD card.

Detailed Description: vFlash SD card was successfully initialized.

Recommended Response Action: No response action is required.

Category: Configuration (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

HWC0004

Message: Unable to initialize vFlash SD card.

Detailed Description: The vFlash SD card is incorrectly inserted, the vFlash SD card is faulty, or there is an iDRAC communication failure.

Recommended Response Action: Reinsert or replace the vFlash SD card, or reset iDRAC, and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

### HWC0005

**Message**: Internal error while retrieving update information.
**Detailed Description**: Internal error while retrieving firmware version for the currently installed components. For more information about the failure, see Lifecycle Log.
**Recommended Response Action**: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
**Category**: Configuration (HWC = Hardware Config)
**Severity**: Severity 1 (Critical)
**Redfish Event Type**: Alert

### HWC0006

**Message**: Unable to save vFlash SD card settings.
**Detailed Description**: If a vFlash SD card is not present in the system or if the card is locked, Lifecycle Controller cannot save the settings.
**Recommended Response Action**: Insert the vFlash SD card or unlock the vFlash SD card and retry the operation.
HWC0007

Message: Unable to load vFlash SD card settings.

Detailed Description: Lifecycle Controller is unable to retrieve vFlash SD card information from iDRAC.

Recommended Response Action: Reinsert the vFlash SD card and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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HWC0008

Message: Unable to communicate with iDRAC.

Detailed Description: An internal error occurred while communicating with iDRAC.
**Recommended Response Action**
Exit the wizard and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**HWC0009**

**Message**
Unable to enable vFlash SD card.

**Detailed Description**
The vFlash SD card is missing or not inserted correctly. iDRAC is not able to enable vFlash SD card.

**Recommended Response Action**
Reinsert the vFlash SD card and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**HWC0010**

**Message**
Invalid folder name or USB drive not found.

**Detailed Description**
Operation failed because the folder name entered is incorrect or the USB drive is disconnected.

**Recommended Response Action**
Enter a valid folder name or attach the USB drive and retry the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**HWC0011**

**Message**
Insufficient space to copy the file to the USB drive.

**Detailed Description**
The USB drive does not have sufficient free space to copy the file.

**Recommended Response Action**
Make sure the USB drive has sufficient free space before retrying the operation.

**Category**
Configuration (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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620
HWC0012

Message: Unable to write to the USB drive.
Detailed Description: The USB drive is write protected.
Recommended Response Action: Remove write protection on the USB drive before retrying the operation.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

HWC0013

Message: Unable to copy the file to USB drive.
Detailed Description: The USB drive is disconnected or is not readable.
Recommended Response Action: Remove and reinsert the USB drive and retry the operation. If the problem persists, restart the system and retry.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
HWC0014

Message: Unable to detect vFlash SD card.

Detailed Description: The import operation failed because the vFlash SD card is missing or disabled.

Recommended Response Action: Make sure the vFlash SD card is inserted and enabled before retrying the operation.

Category: Configuration (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

HWC0015

Message: iDRAC not responding.

Detailed Description: iDRAC has encountered a hardware error.

Recommended Response Action: Retry the operation. If the problem persists, 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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**HWC0016**

Message: iDRAC communication failure.
Detailed Description: Lifecycle Controller is unable to communicate with iDRAC.
Recommended Response Action: Retry the operation. If the problem persists, 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
Category: Configuration (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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**HWC1000**

Message: The arg1 is present.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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HWC1001

Message
The arg1 is absent.

Arguments
arg1 = name

Detailed Description
The absent device may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action
Re-install or reconnect the hardware.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

LCD Message
The <name> is absent. Check hardware

Redfish Event Type
Alert

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**HWC1002**

**Message**
The arg1 is disabled.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
If device disabled unexpectedly, re-enable device.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**HWC1003**

**Message**
The arg1 is enabled.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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HWC1004

Message: The storage adapter is present.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (HWC = Hardware Config)
Severity: Severity 3 (Informational)
Trap/EventID: 2331
Redfish Event Type: Alert

Filter Visibility

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HWC1005

Message: The storage adapter is absent.
Detailed Description: The storage adapter may be necessary for proper operation. System functionality may be degraded.
Recommended Response Action: Install storage adapter.
Category: System Health (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Trap/EventID: 2329
LCD Message: The storage adapter is absent. Check hardware
Redfish Event Type: Alert
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**HWC1006**

**Message**
The storage adapter is disabled.

**Detailed Description**
None

**Recommended Response Action**
If adapter disabled unexpectedly, re-enable the storage adapter.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**HWC1007**

**Message**
The storage adapter is enabled.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)
Redfish Event Type: Alert

### iDRAC

#### Visible in:
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

#### Filter
- ✔

### CMC

#### Visible in:
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

#### Filter
- ✔

### HWC1008

**Message**: The backplane is present.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (HWC = Hardware Config)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2331

**Redfish Event Type**: Alert

### iDRAC

#### Visible in:
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

#### Filter
- ✔

### CMC

#### Visible in:
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

#### Filter
- ✔

### HWC1009

**Message**: The backplane is absent.

**Detailed Description**: The backplane may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**: If removal was unintended, check presence, then re-install or reconnect.

### iDRAC

#### Visible in:
- LC Log
- LCD

#### Filter
- ✔

### CMC
Category: System Health (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Trap/EventID: 2329
LCD Message: The backplane is absent. Check hardware
Redfish Event Type: Alert

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**HWC1010**

**Message:** The backplane is disabled.
**Detailed Description:** None
**Recommended Response Action:** If disabled unexpectedly, re-enable backplane.
**Category:** System Health (HWC = Hardware Config)
**Severity:** Severity 3 (Informational)
**Redfish Event Type:** Alert

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**HWC1011**

**Message:** The backplane is enabled.
**HWC1012**

**Message**  The USB cable is present.

**Detailed Description**  None

**Recommended Response Action**  No response action is required.

**Category**  System Health (HWC = Hardware Config)

**Severity**  Severity 3 (Informational)

**Trap/EventID**  2331

**Redfish Event Type**  Alert

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**Filter Visibility**

**IPMI Alert**

**SNMP Alert**

**Email Alert**

**Remote System Log**

**WS Eventing**

**Redfish Eventing**

630
**HWC1013**

**Message**
The USB cable is absent.

**Detailed Description**
The USB cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
If removal was unintended, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The USB cable is absent. Check cable

**Redfish Event Type**
Alert

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**HWC1014**

**Message**
The mezzanine card arg1 is present.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert
HWC1015

**Message**
The mezzanine card arg1 is absent.

**Arguments**
arg1 = number

**Detailed Description**
The mezzanine card may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
If removal was unintended, check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

---

HWC1100

**Message**
The arg1 was installed in slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
None
Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

### Filter Visibility

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### HWC1101

**Message**
The arg1 is removed from slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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HWC1102

Message  The arg1 is installed in an unsupported slot arg2.
Arguments  
arg1 = module name, arg2 = slot number
Detailed Description  The peripheral sled identified in the message is installed in the unsupported slot identified in the message.
Recommended Response Action  Install the Storage sled in a supported slot and retry the operation. For information about the supported sleds and slots, see the Users Guide available at the support site.
Category  System Health (HWC = Hardware Config)
Severity  Severity 2 (Warning)
Trap/EventID  2330
Redfish Event Type  Alert

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HWC1103

Message  The arg1 installed in an unsupported slot arg2 is removed.
Arguments  
arg1 = module name, arg2 = slot number
Detailed Description  The peripheral sled identified in the message is removed from the unsupported slot identified in the message.
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331
Redfish Event Type  Alert
HWC1104

Message  The \textit{arg1} installed in slot \textit{arg2} is not supported by the chassis.
Arguments \textit{arg1} = module name, \textit{arg2} = slot number
Detailed Description  The peripheral sled identified in the message that is inserted in the slot identified in the message is not supported by the chassis or the current CMC firmware version.
Recommended Response Action  Make sure that the peripheral sled identified in the message is supported by the chassis and the CMC firmware. For information about the supported sleds and firmware versions, see the System Manual available at the support site.
Category  System Health (HWC = Hardware Config)
Severity  Severity 2 (Warning)
Trap/EventID  2330
Redfish Event Type  Alert

HWC1105

Message  The \textit{arg1} is removed from the slot \textit{arg2}.
Arguments \textit{arg1} = module name, \textit{arg2} = number
Detailed Description  The peripheral sled identified in the message is removed from the unsupported slot identified in the message.
Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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</table>

HWC1200

Message
The sled arg1 is inserted in slot arg2.

Arguments
arg1 = sled name, arg2 = slot number

Detailed Description
The sled identified in the message is inserted in the slot identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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HWC1201

**Message**
The sled `{arg1}` is removed from slot `{arg2}`.

**Arguments**
`arg1` = sled name, `arg2` = slot number

**Detailed Description**
The sled identified in the message is removed from the slot identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

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HWC1202

**Message**
The `{arg1}` was installed in slot `{arg2}`.

**Arguments**
`arg1` = name, `arg2` = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert
HWC1203

Message  The $\text{arg1}$ is removed from slot $\text{arg2}$.
Arguments  $\text{arg1} =$ name, $\text{arg2} =$ number
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329
Redfish Event Type  Alert

HWC2000

Message  The $\text{arg1}$ cable or interconnect is connected.
Arguments  $\text{arg1} =$ name
Detailed Description  None
**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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**HWC2001**

**Message**
The `arg1` cable or interconnect is not connected or is improperly connected.

**Arguments**
`arg1` = `name`

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
The `<name>` cable or interconnect failure. Check connection

**Redfish Event Type**
Alert

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HWC2002

Message  The storage arg1 cable or interconnect is connected.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331
Redfish Event Type  Alert

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HWC2003

Message  The storage arg1 cable is not connected, or is improperly connected.
Arguments  arg1 = name
Detailed Description  The cable may be necessary for proper operation. System functionality may be degraded.
Recommended Response Action  Check presence, then re-install or reconnect.
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329
LCD Message  Storage <name> cable or interconnect failure. Check connection
Redfish Event Type  Alert
### HWC2004

**Message**
The system board `arg1` cable or interconnect is connected.

**Arguments**
`arg1` = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

### HWC2005

**Message**
The system board `arg1` cable or interconnect is not connected, or is improperly connected.

**Arguments**
`arg1` = name

**Detailed Description**
The cable may be necessary for proper operation. System functionality may be degraded.
Recommended Response Action
Check presence, then re-install or reconnect.

Category System Health (HWC = Hardware Config)
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message System board <name> cable or interconnect failure. Check connection
Redfish Event Type Alert

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HWC2006

Message The arg1 is not installed correctly.
Arguments arg1 = name
Detailed Description The device may be necessary for proper operation. System functionality may be degraded.
Recommended Response Action Check presence, then re-install or reconnect.
Category System Health (HWC = Hardware Config)
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message <name> is not installed correctly. Check connection
Redfish Event Type Alert

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HWC2007

Message  The arg1 is installed correctly.
Arguments  **arg1** = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331
Redfish Event Type  Alert

HWC2008

Message  A fabric mismatch detected for mezzanine card arg1 .
Arguments  **arg1** = number
Detailed Description  The fabric type for the IOM and mezzanine cards must match. Once an IOM or mezzanine card is inserted into the chassis, the fabric type is then set for the CMC and the CMC will ensure that all subsequent IOMs and mezzanine cards match.
Recommended Response Action  Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.
Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
HWC2009

Message  Mezzanine card arg1 is installed correctly.
Arguments  arg1 = number
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331

HWC2010

Message  The riser board cable or interconnect is connected.
**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

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**HWC2011**

**Message**
The riser board cable or interconnect is not connected, or is improperly connected.

**Detailed Description**
The riser blade cable may be necessary for proper operation. System functionality may be degraded.

**Recommended Response Action**
Check presence, then re-install or reconnect.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
Riser board cable or interconnect failure. Check connection

**Redfish Event Type**
Alert

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HWC2012

**Message**
A fabric mismatch detected on fabric arg1 with server in slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
The fabric type on the server does not match that of the IOM or mezzanine card.

**Recommended Response Action**
Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
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HWC2013

**Message**
Fabric mismatch corrected on fabric arg1 with server in slot arg2.

**Arguments**
arg1 = name, arg2 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331
Redfish Event Type Alert

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</table>

HWC2014

Message A hardware misconfiguration detected on arg1.

Arguments arg1 = name

Detailed Description None.

Recommended Response Action Make sure the hardware is installed correctly. Refer to the product documentation for correct configuration and installation procedures.

Category System Health (HWC = Hardware Config)

Severity Severity 1 (Critical)

Trap/EventID 2329

LCD Message A hardware misconfiguration detected on <name>. Check hardware

Redfish Event Type Alert

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HWC2015

Message The arg1 is configured correctly.

Arguments arg1 = name
Detailed Description

None.

Recommended Response Action

No response action is required.

Category

System Health (HWC = Hardware Config)

Severity

Severity 3 (Informational)

Trap/EventID

2331

Redfish Event Type

Alert

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**HWC3000**

Message

The arg1 is removed.

Arguments

arg1 = name

Detailed Description

The removed device may be necessary for proper operation. System functionality may be degraded.

Recommended Response Action

If removal was unintended, check presence, then re-install or reconnect

Category

System Health (HWC = Hardware Config)

Severity

Severity 1 (Critical)

Trap/EventID

2329

Redfish Event Type

Alert

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</table>
HWC3001

Message: The arg1 is inserted.

Arguments: arg1 = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

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</table>

HWC3002

Message: Server arg1 is removed.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: If removal was unintended, check presence, then re-insert

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329
Redfish Event Type  Alert

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</table>

**HWC3003**

**Message**  
Server arg1 was inserted.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2331

**Redfish Event Type**  
Alert

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</table>

**HWC3004**

**Message**  
IO module arg1 is removed.

**Arguments**  
arg1 = number
Detailed Description
None

Recommended Response Action
If removal was unintended, check presence, then re-insert

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

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</table>

**HWC3005**

Message
IO module arg1 was inserted.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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**HWC3006**

**Message**
Unable to QuickDeploy server in slot `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
There are not enough IPv4 addresses reserved for the servers in this chassis. Therefore the newly inserted server could not be configured with the QuickDeploy feature.

**Recommended Response Action**
Do the following: 1) Check the number of reserved IPv4 addresses for QuickDeploy. 2) Modify it such that the newly inserted blade will obtain an IP address for QuickDeploy. 3) Reseat the server to retry the QuickDeploy operation or manually configure the network parameters for the server. (Note that some chassis models may require a response at the LCD panel)

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330

**Redfish Event Type**
Alert

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC**
- ✔
- ✔
- ✔
- ✔
- ✔
- ✔

**CMC**
- ✔
- ✔

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**HWC4000**

**Message**
A hardware incompatibility detected between BMC/iDRAC firmware and CPU.

**Detailed Description**
A hardware incompatibility was detected between BMC/iDRAC firmware and Processor(s). An iDRAC or BMC firmware update is needed.

**Recommended Response Action**
Update the BMC/iDRAC firmware. If the problem persists, contact support.

**Category**
System Health (HWC = Hardware Config)
Severity: Severity 1 (Critical)

Trap/EventID: 2329

LCD Message: Incompatibility between BMC/iDRAC firmware and CPU. Update firmware

Redfish Event Type: Alert

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HWC4001

Message: A hardware incompatibility was corrected between BMC/iDRAC firmware and CPU.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

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HWC4002

Message
A hardware incompatibility detected between BMC/iDRAC firmware and other hardware.

Detailed Description
A hardware incompatibility was detected between BMC/iDRAC firmware and other hardware. An iDRAC or BMC firmware update is needed.

Recommended Response Action
Update the BMC/iDRAC firmware. If the problem persists, contact support.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

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HWC4003

Message
A hardware incompatibility was corrected between BMC/iDRAC firmware and other hardware.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert
HWC4010

Message: Hardware successfully updated for mezzanine card arg1.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

HWC4011

Message: Hardware unsuccessfully updated for mezzanine card arg1.

Arguments: arg1 = number

Detailed Description: None
Recommended Response Action
Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

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HWC4012

Message
Hardware successfully updated for embedded NIC.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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HWC4013

Message       Hardware unsuccessfully updated for embedded NIC.
Detailed Description       None
Recommended Response Action       Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.
Category       System Health (HWC = Hardware Config)
Severity       Severity 1 (Critical)
Redfish Event Type       Alert

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</table>

HWC4014

Message       Link Tuning data successfully updated.
Detailed Description       None
Recommended Response Action       No response action is required.
Category       System Health (HWC = Hardware Config)
Severity       Severity 3 (Informational)
Trap/EventID       2331
Redfish Event Type       Alert

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657
HWC4015

Message

Link Tuning error detected.

Detailed Description

CMC has old firmware and does not recognize the new device which has requested link tuning information. After updating the firmware the CMC will recognize the device.

Recommended Response Action

Update the CMC firmware. If the problem persists, contact support.

Category

System Health (HWC = Hardware Config)

Severity

Severity 1 (Critical)

Trap/EventID

2329

Redfish Event Type

Alert

HWC4016

Message

Hardware incompatibility detected with mezzanine card arg1.

Arguments

arg1 = number

Detailed Description

The system has detected a mezzanine card that is not supported on this system.

Recommended Response Action

1) Review system documentation for supported mezzanine cards. 2) Replace mezzanine card with a supported mezzanine card.

Category

System Health (HWC = Hardware Config)

Severity

Severity 1 (Critical)

Trap/EventID

2329
HWC4017

Message A hardware incompatibility is detected between arg1 arg2 and arg3 arg4.

Arguments arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

Detailed Description The system has detected an unsupported hardware component. A hardware incompatibility is detected between the components identified in the message.

Recommended Response Action Do the following: 1) Review system documentation for the hardware components identified in the message. 2) Replace unsupported components with supported components.

Category System Health (HWC = Hardware Config)

Severity Severity 1 (Critical)

Trap/EventID 2329

HWC4018

Message A hardware incompatibility was corrected between arg1 arg2 and arg3 arg4.
Arguments

arg1 = first component name, arg2 = first component location location, arg3 = second component name, arg4 = second component location

Detailed Description
A hardware incompatibility was corrected between the components identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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**HWC5000**

Message
arg1 is online.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (HWC = Hardware Config)

Severity
Severity 3 (Informational)

Trap/EventID
2331

Redfish Event Type
Alert

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</table>

660
HWC5001

Message  
arg1 is offline.

Arguments  
arg1 = name

Detailed Description  
None

Recommended Response Action  
If unexpected, check presence, then re-install or reconnect.

Category  
System Health (HWC = Hardware Config)

Severity  
Severity 2 (Warning)

Trap/EventID  
2330

Redfish Event Type  
Alert

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</table>
**HWC5003**

Message: arg1 is operating correctly.

Arguments: arg1 = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

---

**HWC5004**

Message: A link tuning failure detected on arg1.

Arguments: arg1 = name
Detailed Description
CMC has old firmware and does not recognize the new device which has requested link tuning information. After updating the firmware the CMC will recognize the device.

Recommended Response Action
Update the CMC firmware. If the problem persists, contact support.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330

Redfish Event Type
Alert

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HWC5006

Message
A failure is detected on arg1.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

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</table>
### HWC5008

**Message**  
Console is not available for the `arg1`.

**Arguments**  
`arg1 = name`

**Detailed Description**  
None

**Recommended Response Action**  
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

> No alerts are applicable for this message

### HWC5010

**Message**  
`arg1` cannot detect any hosts.

**Arguments**  
`arg1 = name`

**Detailed Description**  
None

**Recommended Response Action**  
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

> No alerts are applicable for this message

### HWC5012

**Message**  
On screen display (OSCAR) is not functional for the `arg1`.

**Arguments**  
`arg1 = name`

**Detailed Description**  
None
Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: System Health (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

HWC5014

Message: arg1 is not functional and is powered off.
Arguments: arg1 = name
Detailed Description: None

Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category: System Health (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

HWC5030

Message: IO module arg1 is online.
Arguments: arg1 = number
Detailed Description: None

Recommended Response Action: No response action is required.
Category: System Health (HWC = Hardware Config)
Severity: Severity 3 (Informational)
Trap/EventID: 2331
Redfish Event Type: Alert

Filter Visibility | iDRAC | CMC
---|---|---
IPMI Alert | ✔ | ✔
SNMP Alert | ✔ | ✔
Email Alert | ✔ | ✔
Remote System Log | ✔ | ✔
WS Eventing | ✔ | ✔
Redfish Eventing | ✔ | ✔

665
HWC5031

Message
IO module arg1 is offline.

Arguments
arg1 = number

Detailed Description
The CMC has powered off the IOM.

Recommended Response Action
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330

Redfish Event Type
Alert

HWC5032

Message
A fabric mismatch detected on IO module arg1.

Arguments
arg1 = number

Detailed Description
The fabric type for IOMs on the same chassis fabric must match.

Recommended Response Action
Check chassis fabric type in CMC GUI and compare to the type of both IOMs.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330
**HWC5033**

**Message**
IO module arg1 is operating correctly.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

---

**HWC5034**

**Message**
A link tuning failure detected on IO module arg1.

**Arguments**
arg1 = number
Detailed Description
Link tuning table not supported for this IO modular.

Recommended Response Action
Update the CMC firmware. If the problem persists, contact support.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330

Redfish Event Type
Alert

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HWC5035

Message
An over-temperature event detected on I/O module arg1.

Arguments
arg1 = number

Detailed Description
The I/O module over heated.

Recommended Response Action
Do the following: 1) Make sure fans are installed and working correctly. 2) Check the temperature sensor status for the chassis and make sure it is within the chassis operating temperature range. 3) Reseat the I/O module to clear the over-temperature condition. If the problem persists, contact the service provider.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

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668
HWC5036

Message: A failure is detected on I/O module \texttt{arg1}.

Arguments: \texttt{arg1} = number

Detailed Description: The IOM module performance may be impact.

Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

Redfish Event Type: Alert

HWC5037

Message: I/O module \texttt{arg1} failed to boot.

Arguments: \texttt{arg1} = number

Detailed Description: The firmware on the I/O module did not boot. The problem may be because the I/O module is not inserted correctly.

Recommended Response Action: Reseat I/O module. If problem persists, contact the service provider.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329
**HWC5038**

**Message**
The CMC is unable to turn on the I/O module \textit{arg1}.

**Arguments**
\textit{arg1} = I/O module identifier

**Detailed Description**
The I/O module identified in the message cannot be turned on by the CMC.

**Recommended Response Action**
Do one of the following: 1) Perform a Powercycle operation on the I/O module identified in the message. A Powercycle operation can be performed using the RACADM command line utility by typing “racadm chassisaction -m switch-N powercycle (where N is the switch number)”. 2) Reseat the I/O module identified in the message. If the issue persists, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

---

**HWC6000**

**Message**
The \textit{arg1} controller is offline.
Arguments: arg1 = name
Detailed Description: Information and status from the controller is unavailable.
Recommended Response Action: Remove and reapply input power. If problem persists, contact technical support.
Category: System Health (HWC = Hardware Config)
Severity: Severity 2 (Warning)
Trap/EventID: 2330
Redfish Event Type: Alert

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</table>

HWC6001

Message: The arg1 controller is online.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (HWC = Hardware Config)
Severity: Severity 3 (Informational)
Trap/EventID: 2331
Redfish Event Type: Alert

<table>
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</table>
HWC6002

Message: The arg1 controller is stuck in boot mode.
Arguments: arg1 = name
Detailed Description: Information and status from the controller is unavailable.
Recommended Response Action: Remove and reapply input power. If problem persists, contact technical support.
Category: System Health (HWC = Hardware Config)
Severity: Severity 1 (Critical)
Trap/EventID: 2329
Redfish Event Type: Alert

HWC6003

Message: The arg1 controller is booting.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (HWC = Hardware Config)
Severity: Severity 3 (Informational)
Trap/EventID: 2331
**Redfish Event Type**  Alert

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</table>

**HWC6004**

**Message**  Cannot communicate with *arg1* controller.

**Arguments**  
*arg1* = name

**Detailed Description**  Information and status from the controller is unavailable.

**Recommended Response Action**  Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  System Health (HWC = Hardware Config)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  2329

**Redfish Event Type**  Alert

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</table>

**HWC6005**

**Message**  Communications restored for *arg1* controller.

**Arguments**  
*arg1* = name
Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

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</table>

**Message**: Server arg1 health changed to a normal state.

**Arguments**: arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (HWC = Hardware Config)

Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

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</table>
**HWC7002**

Message: Server arg1 health changed to a warning state from a normal state.

Arguments: arg1 = number

Detailed Description: Server health changed to a warning state from a normal state.

Recommended Response Action: Review System Log or front panel for additional information.

Category: System Health (HWC = Hardware Config)

Severity: Severity 2 (Warning)

Trap/EventID: 2330

Redfish Event Type: Alert

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**HWC7004**

Message: Server arg1 health changed to a critical state from either a normal or warning state.

Arguments: arg1 = number

Detailed Description: Server health changed to a critical state from either a normal or warning state.

Recommended Response Action: Review System Log or front panel for additional information.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329
### HWC7006

**Message**  
Server arg1 health changed to a non-recoverable state from a less severe state.

**Arguments**  
arg1 = number

**Detailed Description**  
Server <number> health changed to a non-recoverable state from a less severe state.

**Recommended Response Action**  
Review System Log or front panel for additional information.

**Category**  
System Health (HWC = Hardware Config)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329

### HWC7008

**Message**  
Server arg1 health changed to a warning state from more severe state.

**Arguments**  
arg1 = number
Detailed Description
Server <number> health changed to a warning state from more severe state.

Recommended Response Action
Review System Log or front panel for additional information.

Category
System Health (HWC = Hardware Config)

Severity
Severity 2 (Warning)

Trap/EventID
2330

Redfish Event Type
Alert

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</table>

HWC7010

Message
Server arg1 health changed to a critical state from a non-recoverable state.

Arguments
arg1 = number

Detailed Description
Server <number> health changed to a critical state from a non-recoverable state.

Recommended Response Action
Review System Log or front panel for additional information.

Category
System Health (HWC = Hardware Config)

Severity
Severity 1 (Critical)

Trap/EventID
2329

Redfish Event Type
Alert

<table>
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</table>
### HWC7012

**Message**
Server arg1 health changed to a non-recoverable state.

**Arguments**
arg1 = number

**Detailed Description**
Server <number> health changed to a non-recoverable state.

**Recommended Response Action**
Review System Log or front panel for additional information.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**Redfish Event Type**
Alert

---

### HWC7014

**Message**
An invalid cable or incorrect cable configuration is detected.

**Detailed Description**
An invalid cable related hardware configuration detected on the system.

**Recommended Response Action**
Make sure the hardware and related cables are installed correctly. For information about configuration and installation procedures, see the systems Owners Manual available at the support site.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
HWC8000

Message: Unknown device plug event occurred at this location: \texttt{arg1}. Additional Details: \texttt{arg2}.

Arguments: \texttt{arg1} = device location, \texttt{arg2} = details

Detailed Description: An unknown device plug event occurred at the identified device location. Along with the device location, additional event details are provided if available.

Recommended Response Action: No response action is required.

Category: Audit (HWC = Hardware Config)

Severity: Severity 3 (Informational)

OMSA Event ID: 5650

Redfish Event Type: Alert

HWC8001

Message: A device was added to the system at this location: \texttt{arg1}. Additional Details: \texttt{arg2}.

Arguments: \texttt{arg1} = device location, \texttt{arg2} = details

Detailed Description: A device was added to the system at the location identified in the message. Along with the device location, additional event details are provided if available.
HWC8002

Message
The device was removed from the system at this location: arg1. Additional Details: arg2.

Arguments
arg1 = device location, arg2 = details

Detailed Description
A device was removed from the system at the location identified in the message. Along with the device location, additional event details are provided if available.

Recommended Response Action
No response action is required.

Category
Audit (HWC = Hardware Config)

Severity
Severity 3 (Informational)

OMSA Event ID
5651

OMSA Trap ID
5651

Redfish Event Type
Alert

Filter Visibility

iDRAC

CMC

LC Log

IPMI Alert

SNMP Alert

Email Alert

Remote System Log

WS Eventing

Redfish Eventing

iDRAC

CMC

HWC8002

Message
The device was removed from the system at this location: arg1. Additional Details: arg2.

Arguments
arg1 = device location, arg2 = details

Detailed Description
A device was removed from the system at the location identified in the message. Along with the device location, additional event details are provided if available.

Recommended Response Action
No response action is required.

Category
Audit (HWC = Hardware Config)

Severity
Severity 3 (Informational)

OMSA Event ID
5652

OMSA Trap ID
5652

Redfish Event Type
Alert

Filter Visibility

iDRAC

CMC

HWC8002

Message
The device was removed from the system at this location: arg1. Additional Details: arg2.

Arguments
arg1 = device location, arg2 = details

Detailed Description
A device was removed from the system at the location identified in the message. Along with the device location, additional event details are provided if available.

Recommended Response Action
No response action is required.

Category
Audit (HWC = Hardware Config)

Severity
Severity 3 (Informational)

OMSA Event ID
5652

OMSA Trap ID
5652

Redfish Event Type
Alert

Filter Visibility

iDRAC

CMC
HWC8003

Message
A configuration error was detected in the device located here: `arg1`. Additional details: `arg2`.
Arguments
`arg1` = device location, `arg2` = details
Detailed Description
A configuration error was detected for a pluggable device installed at the location identified in the message. The device may not be installed correctly.
Recommended Response Action
Reinsert the device or try inserting a different device of the same type and retry the operation. If the issue persists, check the system documentation to make sure the device is supported or contact your service provider.
Category
Audit (HWC = Hardware Config)
Severity
Severity 1 (Critical)
OMSA Event ID
5653
OMSA Trap ID
5653
Redfish Event Type
Alert

HWC8004

Message
The SD card device sensor has failed. SD card location: `arg1`, SD card device type: `arg2`, SD card state: `arg3`.
Arguments
`arg1` = location, `arg2` = type, `arg3` = state
Detailed Description
The SD card device sensor of the type identified in the message has failed. The current status of the SD card is also displayed.
Recommended Response Action
Reinsert the SD card or try a different SD card and retry the operation. If the issue persists, do one of the following to resolve the error: 1) If the SD card sensor is installed on the internal SD module, replace the module. 2) If the SD card sensor is...
The SD card device has returned to normal state. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

**Arguments**

- *arg1* = location
- *arg2* = type
- *arg3* = state

**Recommended Response Action**

No response action is required.

---

**HWC8005**

**Message**

The SD card device has returned to normal state. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

**Arguments**

- *arg1* = location
- *arg2* = type
- *arg3* = state

**Detailed Description**

The SD card device has returned to a normal state. The SD card type and the current status of the SD card is also displayed.

---

**Category**

System Health (HWC = Hardware Config)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

5752

**Redfish Event Type**

Alert

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**682**
**HWC8006**

**Message**
The SD card device state has changed to a warning state. SD card location: \( \text{arg1} \), SD card device type: \( \text{arg2} \), SD card state: \( \text{arg3} \).

**Arguments**
\( \text{arg1} = \text{location}, \text{arg2} = \text{type}, \text{arg3} = \text{state} \)

**Detailed Description**
The SD card device is not functioning correctly, and its state has changed to a warning state.

**Recommended Response Action**
Reinsert the SD card or try a different SD card and retry the operation. If the issue persists, do one of the following to resolve the error: 1) If the SD card sensor is installed on the internal SD module, replace the module. 2) If the SD card sensor is embedded on the system board, replace the system board. For more information, contact your service provider.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5753

**OMSA Trap ID**
5753

**Redfish Event Type**
Alert

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**HWC8007**

**Message**
The SD card has failed. SD card location: \( \text{arg1} \), SD card device type: \( \text{arg2} \), SD card state: \( \text{arg3} \).

**Arguments**
\( \text{arg1} = \text{location}, \text{arg2} = \text{type}, \text{arg3} = \text{state} \)

**Detailed Description**
The SD card sensor detected an SD card failure.

**Recommended Response Action**
Replace the old SD card with a new SD card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)
OMSA Event ID 5754
OMSA Trap ID 5754
Redfish Event Type Alert

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**HWC8008**

**Message**
The SD card has failed. SD card location: `arg1`, SD card device type: `arg2`, SD card state: `arg3`.

**Arguments**
`arg1` = location, `arg2` = type, `arg3` = state

**Detailed Description**
An SD card device sensor has detected an irrecoverable error in the SD card.

**Recommended Response Action**
Replace the old SD card with a new SD card.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 1 (Critical)

OMSA Event ID 5755
Redfish Event Type Alert

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HWC8009

Message  SD card device sensor value unknown. SD card location: arg1, SD card device type: arg2, SD card state: arg3.

Arguments  arg1 = location, arg2 = type, arg3 = state

Detailed Description  An SD card device sensor in the identified system could not obtain a reading.

Recommended Response Action  Remove and reinsert the identified SD card.

Category  System Health (HWC = Hardware Config)

Severity  Severity 3 (Informational)

OMSA Event ID  5751

Redfish Event Type  Alert

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HWC8501

Message  Unable to complete the operation because of an issue with the I/O panel cable.

Detailed Description  The operation could not successfully completed because of an issue with the I/O panel cable.

Recommended Response Action  Do one of the following and retry the operation: 1) Connect the I/O panel cable properly 2) Replace the I/O panel cable.

Category  System Health (HWC = Hardware Config)

Severity  Severity 1 (Critical)

Trap/EventID  2329

Redfish Event Type  Alert
### HWC8502

**Message**
The I/O panel cable is connected.

**Detailed Description**
The internal cable that connects the I/O panel to the system board is properly connected.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**Redfish Event Type**
Alert

---

### HWC8503

**Message**
Communication to the control panel has been restored.

**Detailed Description**
The communication between the Chassis Management Controller (CMC) and the control panel is functioning normally.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)
Severity: Severity 3 (Informational)

Trap/EventID: 2331

Redfish Event Type: Alert

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HWC8504

Message: The Chassis Management Controller (CMC) cannot communicate with the control panel.

Detailed Description: The control panel is not functioning normally. This could be because the Chassis Management Controller (CMC) cannot communicate with the control panel or because of a problem with the control panel hardware.

Recommended Response Action: Remove and reapply chassis input power. If problem persists, contact your service provider.

Category: System Health (HWC = Hardware Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2329

Redfish Event Type: Alert

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HWC8506

Message: Unable to synchronize control panel firmware due to internal error.
During a Chassis Management Controller (CMC) firmware update, the control panel firmware synchronization failed. The control panel may be inoperable.

Remove and reapply chassis input power. If problem persists, contact your service provider.

System Health (HWC = Hardware Config)

Severity 1 (Critical)

2329

Alert

The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used.

The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used. The USB device may not be operational.

Remove the USB device from the I/O Panel USB port, and then retry the operation with another USB device.

System Health (HWC = Hardware Config)

Severity 2 (Warning)

2330

Alert

The USB device inserted in to the I/O Panel USB port is causing an issue and cannot be used.
HWC8508

Message
A device causing an issue in the I/O panel USB port is removed.

Detailed Description
A device causing an issue in the I/O panel USB port is removed.

Recommended Response Action
No response action is required.

Category  System Health (HWC = Hardware Config)
Severity  Severity 3 (Informational)
Trap/EventID  2331

HWC8509

Message
One or more PCIe switch heatsinks are not properly attached.

Detailed Description
The heatsinks are critical for providing cooling to the PCIe switches. If a PCIe switch stops functioning due to improper cooling, the PCIe subsystem may no longer function correctly and data loss may occur.

Recommended Response Action
Immediately turn off the Chassis by pressing the Chassis power button or removing chassis input power. The Chassis can be turned off remotely by running the following RACADM command “racadm chassisaction -m chassis nongraceshutdown”. After turning off, contact your service provider.

Category  System Health (HWC = Hardware Config)
Severity  Severity 1 (Critical)
Trap/EventID  2329
### HWC8510

**Message**
The heat sinks of the PCIe switches are properly attached.

**Detailed Description**
The heat sinks of the PCIe switches are properly attached.

**Recommended Response Action**
No response action is required.

**Category**
System Health (HWC = Hardware Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

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**Redfish Event Type** Alert

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IOID Event Messages

IOID001

Message
The Input/Output Identity (I/O Identity) optimization feature is enabled.

Detailed Description
After the I/O Identity optimization feature is enabled, the time during boot to configure I/O Identity attributes using the Server Configuration Profile (Configuration XML) import feature will be significantly reduced.

Recommended Response Action
No response action required.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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IOID002

Message
The Input/Output Identity (I/O Identity) optimization feature is disabled.

Detailed Description
After the I/O Identity optimization feature is disabled, the time during boot to configure I/O Identity attributes using the Server Configuration Profile (Configuration XML) import feature will increase.

Recommended Response Action
No response action required.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to **arg1**.

**Arguments**

**arg1** = restart type

**Detailed Description**

The Virtual Address Persistence Policy setting for Auxiliary powered devices is changed to the restart type identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (IOID = IO Identity Optimization)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to **arg1**.

**Arguments**

**arg1** = restart type

**Detailed Description**

The Virtual Address Persistence Policy setting for Non-Auxiliary powered devices is changed to the restart type identified in the message.
Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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OID005

Message: Storage Initiator Persistence Policy setting is changed to arg1.

Arguments: arg1 = restart type

Detailed Description: The Storage Initiator Persistence Policy setting is changed to the restart type identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**IOID006**

**Message**
Storage Target Persistence Policy setting is changed to arg1.

**Arguments**
arg1 = restart type

**Detailed Description**
The Storage Target Persistence Policy setting is changed to the restart type identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**IOID110**

**Message**
The virtual address of arg1 Port arg2 is configured.

**Arguments**
arg1 = controller, arg2 = port

**Detailed Description**
The virtual address of NIC port identified in the message is configured.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10771

**Redfish Event Type**
Alert

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694
Message: Unable to configure the virtual address of arg1 Port arg2.
Arguments: arg1 = controller, arg2 = port
Detailed Description: The virtual address of the NIC port identified in the message could not be successfully configured because either the network port connection is not enabled or the NIC is not capable of Virtual Addressing.
Recommended Response Action: Verify that the network port is enabled and that the port has Virtual Addressing capability and then retry the operation.

Category: Configuration (IOID = IO Identity Optimization)
Severity: Severity 2 (Warning)
Trap/EventID: 10770
Redfish Event Type: Alert

---

Message: The initiator properties of the arg1 Port arg2 are successfully configured.
Arguments: arg1 = Controller, arg2 = Port
Detailed Description: The initiator properties of the NIC port identified in the message are successfully configured.
Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)
Severity: Severity 3 (Informational)
**IOID113**

**Message**
Unable to configure the initiator properties of arg1 Port arg2.

**Arguments**
arg1 = Controller, arg2 = Port

**Detailed Description**
The initiator properties of the NIC port could not be configured because either iSCSI or FCoE partition of the network port is not enabled, or the network controller is not functioning.

**Recommended Response Action**
Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working and then retry the operation.

**Category**
Configuration (IOID = IO Identity Optimization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10770

**Redfish Event Type**
Alert

---

**IOID114**

**Message**
The target settings properties of the arg1 Port arg2 are successfully configured.
Arguments: \( \text{arg1} = \) controller, \( \text{arg2} = \) port

Detailed Description: The target setting properties of the NIC port identified in the message are successfully configured.

Recommended Response Action: No response action is required.

Category: Configuration (IOID = IO Identity Optimization)

Severity: Severity 3 (Informational)

Trap/EventID: 10771

Redfish Event Type: Alert

---

**Arguments:** \( \text{arg1} = \) controller, \( \text{arg2} = \) port

**Detailed Description:** The target settings properties of the NIC port identified in the message could not be configured, because either iSCSI or FCoE partition of the network port is not enabled; or, the network controller is not functioning.

**Recommended Response Action:** Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working.

**Category:** Configuration (IOID = IO Identity Optimization)

**Severity:** Severity 2 (Warning)

**Trap/EventID:** 10770

**Redfish Event Type:** Alert

---

**Message:** Unable to configure the target settings properties of the \( \text{arg1} \) Port \( \text{arg2} \).

**Arguments:** \( \text{arg1} = \) controller, \( \text{arg2} = \) port

**Detailed Description:** The target settings properties of the NIC port identified in the message could not be configured, because either iSCSI or FCoE partition of the network port is not enabled; or, the network controller is not functioning.

**Recommended Response Action:** Make sure that the iSCSI or FCoE partition of the network port is enabled. Check whether or not the network controller is working.

**Category:** Configuration (IOID = IO Identity Optimization)

**Severity:** Severity 2 (Warning)

**Trap/EventID:** 10770

**Redfish Event Type:** Alert
IOID116

Message
Applying I/O Identity settings based on current persistence policy settings.

Detailed Description
The iDRAC has started to apply I/O Identity settings on NIC and FC HBA devices based on the current persistence policy settings.

Recommended Response Action
No response action is required.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 3 (Informational)

Trap/EventID
10771

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔️
CMC

IOID117

Message
The operation to apply I/O Identity settings based on current persistence policy settings has completed successfully.

Detailed Description
The iDRAC has applied I/O Identity settings on NIC and FC HBA devices. All the device configuration related to virtual addresses, initiator and target settings have been configured successfully according to the current persistence policy settings.

Recommended Response Action
No response action is required.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 3 (Informational)

Trap/EventID
10771

Redfish Event Type
Alert
IOID118

Message
Unable to configure some or all I/O Identity settings based on current persistence policy settings.

Detailed Description
The iDRAC has applied I/O Identity Configuration on NIC and FC HBA devices. One or more of the setting configuration operations did not complete successfully.

Recommended Response Action
Review the previous log entries and identify the devices that did not successfully complete configuration operations. For the identified devices, do the following and then restart the server: 1) Make sure the device is installed properly. 2) Make sure the device has latest firmware installed. If the issue persists, contact your service provider.

Category
Configuration (IOID = IO Identity Optimization)

Severity
Severity 2 (Warning)

Trap/EventID
10770

Redfish Event Type
Alert

---

IOID119

Message
FlexAddress is enabled on all NIC and FC HBA devices.
The FlexAddress feature is enabled on the system. The iDRAC will assign FlexAddress defined MAC and WWN values to all the ports and/or partitions of bNDCs and mezzanine adapters of the system.

No response action is required.

Configuration (IOID = IO Identity Optimization)

Severity 3 (Informational)

10771

Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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IOV Event Messages

IOV000

Message: Successfully completed the operation.
Detailed Description: This operation was successful.
Recommended Response Action: No response action is required.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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<th>IPMI Alert</th>
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IOV001

Message: The operation contains an invalid request or argument.
Detailed Description: The operation or operation parameter sent to the Chassis Manager is invalid or not supported.
Recommended Response Action: Contact technical support. Refer to Chassis Manager product documentation to determine the contact method for the service provider.
Category: Configuration (IOV = IO Virtualization)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
IOV002

Message
CMC could not successfully allocate resources because of the following reasons: 1) The chassis manager is unable to allocate required resources. 2) The chassis manager or chassis infrastructure firmware is rolled back to an earlier version. 3) There is an issue with the internal communications between chassis components.

Recommended Response Action
Make sure the firmware for the various chassis components are compatible with each other. If this is the case, do the following: 1) Turn off the chassis, by pressing the chassis Power Button, 2) run the following CMC RACADM command "racadm racresetcfg". If the problem persists, contact your technical service provider.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

IOV003

Message
Unable to manage the device located in the PCIe slot specified in the operation.

Detailed Description
A PCIe device error was detected that does not allow the assignment, unassignment, or the turning off of the device. The errors can be caused by incorrect PCIe device installation or installation of an unsupported PCIe adapter card. For a list of supported PCIe adapter cards contact your service provider.
Recommended Response Action: Make sure that supported adapters are used and installed correctly in the PCIe slots.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

### IOV004

**Message**: Unable to turn on PCIe adapter.

**Detailed Description**: The chassis manager is unable to turn on the PCIe device because of one of the following reasons: 1) PCIe device is not supported, 2) The device is not properly inserted in the slot, 3) The device is not functioning properly, or 4) The device power requirements exceed the power available for the slot.

**Recommended Response Action**: Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact the service provider.

**Category**: Configuration (IOV = IO Virtualization)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert
IOV005

Message Chassis Management Controller (CMC) is not ready to run commands.
Detailed Description The Chassis Management Controller is not ready to run commands because the chassis must be turned on.
Recommended Response Action Turn on chassis and retry the command.
Category Configuration (IOV = IO Virtualization)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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IOV006

Message Incorrect Chassis Infrastructure Mainboard firmware version.
Detailed Description The Chassis Infrastructure Mainboard firmware is not at the correct version.
Recommended Response Action Run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.
Category Configuration (IOV = IO Virtualization)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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IOV007

Message: Chassis Management Controller (CMC) is unable to allocate power to one or more PCIe adapters in the Chassis Infrastructure component.

Detailed Description: For each adapter assigned to a server, power is allocated when the server is turned on. If the available power is less than the required power, the Chassis Management Controller (CMC) will not power on the adapters associated with the server.

Recommended Response Action: To release the required power, turn off one or more servers by pressing the Power Button on the individual server units.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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IOV008

Message: Chassis Management Controller (CMC) is unable to put PCIe subsystem into factory default mode.

Detailed Description: The Chassis Management Controller (CMC) was unable to reset the PCIe subsystem into factory default mode.

Recommended Response Action: Turn off the chassis, turn on the chassis, and then retry the operation.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**IOV009**

**Message**
Chassis Management Controller (CMC) is unable to reset to factory default or pre-factory default settings.

**Detailed Description**
The Chassis Management Controller (CMC) runs this function only when the chassis is turned off.

**Recommended Response Action**
Turn off the chassis and retry the operation.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**IOV010**

**Message**
Unable to assign the PCIe slot(s) because a license is required to assign more than two PCIe slots to a server.

**Detailed Description**
Unable to assign the PCIe slots because a license is required to assign more than two PCIe slots to a server. Non-licensed systems are allowed only two slots per server.

**Recommended Response Action**
Import a license that allows assignments of more than two PCIe slots per server. For more information about licenses, contact your service provider.
IOV011

Message: Unable to assign or unassign PCIe slot(s) or virtual adapter (VA) because all affected servers must be turned off.

Detailed Description: All servers that PCIe slots or virtual adapter (VA) will be assigned-to and unassigned-from must be turned off before an assign or unassign operation can be performed.

Recommended Response Action: Turn off all servers that the PCIe slots or virtual adapter (VA) will be assigned-to and unassigned-from, and then retry the operation.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
By default, the non-licensed system assigns virtual adapters (VA) 1-4 to servers 1-4 respectively.

Import a license which enables the assignment of a PERC virtual adapter (VA) to any server. For more information about licenses, contact your service provider.

Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA.

Unassign the servers current virtual adapter (VA) and retry the operation. To unassign the VA using RACADM, run the following command "racadm setpciecfg".

Unable to assign a virtual adapter (VA) to a server that is already assigned a VA, because a server may be assigned only one VA.

Unassign the servers current virtual adapter (VA) and retry the operation. To unassign the VA using RACADM, run the following command "racadm setpciecfg".
IOV014

Message  The external shared storage device is not ready because the initialization process is still incomplete.

Detailed Description  The external shared storage device is not ready because the initialization process is still incomplete.

Recommended Response Action  No response action is required.

Category  Configuration (IOV = IO Virtualization)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

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IOV015

Message  Unable to map/un-map or turn on the external shared adapter because the firmware version of Chassis Management Controller (CMC) Chassis Infrastructure Mainboard is not the latest version supporting the adapter.

Detailed Description  The external shared adapter cannot be turned on until the Chassis Infrastructure firmware is updated to the latest version supporting the shared adapter.

Recommended Response Action  Remove the adapter or update the Chassis Infrastructure firmware and then retry the operation. Using the Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

Category  Configuration (IOV = IO Virtualization)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert
### IOV016

**Message**
Only the virtual adapters (VA) of a shared adapter may be assigned to or unassigned from a server.

**Detailed Description**
The shared adapter may not be assigned to or unassigned from a blade-server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### IOV1001

**Message**
The requested operation was successfully executed.

**Detailed Description**
The requested operation was successfully executed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)
Severity  3 (Informational)  
Redfish Event Type  Alert  
No alerts are applicable for this message  

IOV1002  
Message  The operation was not successful.  
Detailed Description  The operation did not complete successfully due to an exception from the instrumentation layer.  
Recommended Response Action  Retry the operation. If the issue persists, reset CMC and retry the operation when the CMC has completed restarting. The CMC may take 2 to 3 minutes to complete restarting.  
Category  Configuration (IOV = IO Virtualization)  
Severity  1 (Critical)  
Redfish Event Type  Alert  
No alerts are applicable for this message  

IOV1003  
Message  Missing required parameter arg1.  
Arguments  arg1 = parameter name  
Detailed Description  One or more parameters identified in the message required for the method are missing.  
Recommended Response Action  Refer to the DCIM Chassis PCI Management Profile document and provide the required parameter.  
Category  Configuration (IOV = IO Virtualization)  
Severity  2 (Warning)  
Redfish Event Type  Alert  
No alerts are applicable for this message  

IOV1004  
Message  Too many slots provided as parameters to Assign and UnAssign Servers methods.  
Detailed Description  The parameters for the method identified in the message are not passed correctly.  
Recommended Response Action  Refer to the DCIM Chassis PCI Management Profile document and provide the required parameters.  
Category  Configuration (IOV = IO Virtualization)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

IOV1005

Message  Invalid slot FQDD arg1.
Arguments  \texttt{arg1} = FQDD value
Detailed Description  The FQDD (Fully Qualified Device Descriptor) entered for the operation does not map to any instance of the DCIM_ChassisPCISlot class.
Recommended Response Action  Perform the Enumerate operation on the DCIM_ChassisPCISlot class to determine the correct FQDD value for the required slot. Retry the operation with the correct FQDD value.
Category  Configuration (IOV = IO Virtualization)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

IOV1006

Message  Invalid PCI slot or Server slot.
Detailed Description  The PCI slot or Server slot FQDD (Fully Qualified Device Descriptor) values entered for the operation are not valid.
Recommended Response Action  Perform the Enumerate operation on the DCIM_ChassisPCISlot class and DCIM_BladeServerView class to get the correct FQDD values for the PCIe slot and Server slot. Retry the operation with the correct FQDD values.
Category  Configuration (IOV = IO Virtualization)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

IOV1007

Message  Unable to assign a PCIe slot.
Detailed Description  The IOV slot management subsystem detected an error which may prevent the physical assignment/unassignment or turning off of a PCIe slot. The errors can be caused by PCIe training timeouts, false hot plug signals, or installation of an unsupported PCIe adapter card. For a list of supported PCIe adapter cards contact your service provider.
Recommended Response Action
Insert only supported adaptor cards into system PCIe slots and make sure they are fully inserted. Retry the operation.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IOV1008

Message
Invalid Virtual Adapter FQDD arg1.

Arguments
arg1 = FQDD value

Detailed Description
The FQDD (Fully Qualified Device Descriptor) value entered for the operation does not map to any DCIM_ChassisVAView class instance representing Virtual Adapters.

Recommended Response Action
Perform an Enumerate operation on the DCIM_ChassisVAView class to get the correct FQDD for the Virtual Adapter. Retry the operation with the correct FQDD value.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IOV1009

Message
Mismatch in Slot or Virtual Adapter FQDD and Server Slot FQDD count.

Detailed Description
The FQDD pairs identified in the messages do not match in the required method input parameters.

Recommended Response Action
Provide a valid pair of FQDDs. Please refer to the DCIM Chassis PCI Management Profile document for the required parameter definitions.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

IOV101

Message
A PCIe adapter arg1 is inserted in arg2 arg3.

Arguments
arg1 = device name, arg2 = slot type, arg3 = slot number
Detailed Description
The Chassis Management Controller (CMC) detected the insertion of an adapter in the slot identified in the message.

Recommended Response Action
If the adapter in slot identified in the message is mapped to a server, the server must be turned off then back on before server can access adapter. If the adapter in slot is a shared adapter and any server is on then the entire chassis must be turned off and turned on for the server(s) to gain access to the installed shared adapter.

Category Configuration (IOV = IO Virtualization)
Severity Severity 3 (Informational)
Trap/EventID 10747
Redfish Event Type Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

IOV102

Message A PCIe adapter \texttt{arg1} is removed from \texttt{arg2} \texttt{arg3}.

Arguments \texttt{arg1} = device name, \texttt{arg2} = slot type, \texttt{arg3} = slot number

Detailed Description The Chassis Management Controller (CMC) detected the removal of an adapter card from the slot identified in the message.

Recommended Response Action No response action is required.

Category Configuration (IOV = IO Virtualization)
Severity Severity 3 (Informational)
Trap/EventID 10747
Redfish Event Type Alert

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IOV103

Message  A PCIe adapter \textit{arg1} in \textit{arg2} \textit{arg3} is replaced by PCIe adapter \textit{arg4}.

Arguments  \textit{arg1} = device name, \textit{arg2} = slot type, \textit{arg3} = slot number, \textit{arg4} = device name

Detailed Description  The Chassis Management Controller (CMC) detected the replacement of an adapter in the slot identified in the message.

Recommended Response Action  No response action is required.

Category  Configuration (IOV = IO Virtualization)

Severity  Severity 3 (Informational)

Trap/EventID  10747

Redfish Event Type  Alert

IOV104

Message  The Chassis Management Controller (CMC) is unable to allocate \textit{arg1} Watt for server \textit{arg2} PCIe adapters.

Arguments  \textit{arg1} = number of Watt, \textit{arg2} = server slot number

Detailed Description  For each adapter assigned to a server, power is allocated when the server is turned on. If the available power is less than the required power, the Chassis Management Controller (CMC) will not power on the adapters associated with the server.

Recommended Response Action  Using the Chassis Management Controller (CMC) RACADM command line interface, run the command \texttt{"racadm config -g cfgChassisPower -o cfgChassisPowerCap <Power cap>"} to increase the power cap or add an additional power supply.
**Category**  
System Health (IOV = IO Virtualization)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2554

**Redfish Event Type**  
Alert

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**Message**  
Unable to manage PCIE adapter `arg1` located in `arg2 arg3`.

**Arguments**  
`arg1` = device name, `arg2` = slot type, `arg3` = slot number

**Detailed Description**  
An error by the Chassis Infrastructure slot management detected an error which may prevent the physical assignment/unassignment or power off of a slot. The errors may be caused by PCIE training timeouts, false hot plug signals, or installation of an unsupported PCIe adapter card. For a list of supported PCIe adapter cards contact your service provider.

**Recommended Response Action**  
Make sure that supported adapters are used and installed correctly in the PCIe slot.
**IOV106**

**Message**
Unable to power on PCIe adapter \textit{arg1} in \textit{arg2} \textit{arg3}.

**Arguments**
- \textit{arg1} = device name
- \textit{arg2} = slot type
- \textit{arg3} = slot number

**Detailed Description**
The Chassis Management Controller (CMC) is unable to power on adapter. Possible reasons for power failures are: 1) Adapter not an approved adapter. 2) Adapter not fully inserted in the slot. 3) Auxiliary power cable not connected (applicable to slot 1 - 3 only). 4) Adapter is damaged.

**Recommended Response Action**
Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact the service provider.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**Redfish Event Type**
Alert

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**IOV107**

**Message**
PCle adapter \textit{arg1} in slot \textit{arg2} was removed while powered on.

**Arguments**
- \textit{arg1} = device name
- \textit{arg2} = slot number

**Detailed Description**
The Chassis Management Controller (CMC) has detected the removal of a PCIe adapter card while it was powered on.

**Recommended Response Action**
Power down the affected server(s) and then power on the server(s). Note: OS reboot only will not correct this issue.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2553

**Redfish Event Type**
Alert
### IOV108

**Message**
Power fault detected on PCIE adapter \textit{arg1} in \textit{arg2 arg3}.

**Arguments**
\textit{arg1} = device name, \textit{arg2} = slot type, \textit{arg3} = slot number

**Detailed Description**
The Chassis Management Controller (CMC) detected a power fault in an adapter after the adapter was powered on. A power fault may be caused by a damaged adapter or the adapter power requirements exceed the maximum power limits of the slot.

**Recommended Response Action**
Make sure a supported PCIe device is used and that it is properly inserted in the PCIe slot. For a list of supported devices, contact your service provider.

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**Redfish Event Type**
Alert

### IOV109

**Message**
An error condition associated with the PCIe slot is cleared.

**Detailed Description**
An error condition associated with the PCIe slot is cleared.
Recommended Response Action
No response action is required.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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IOV110

Message
Successfully updated Chassis Infrastructure firmware.

Detailed Description
Successfully updated Chassis Infrastructure firmware.

Recommended Response Action
No response action is required.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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IOV111

Message
Unable to update Chassis Infrastructure firmware.
Unable to successfully update Chassis Infrastructure firmware.

Refer to the release notes of the Mainboard update package for recommended action. If the issue persists, contact your service provider.

Category: System Health (IOV = IO Virtualization)
Severity: Severity 1 (Critical)
Trap/EventID: 2553
Redfish Event Type: Alert

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Message: Chassis Infrastructure firmware is not valid.
Detailed Description: Chassis infrastructure firmware is not valid and must be reinstalled.
Recommended Response Action: Update the Chassis Infrastructure firmware. Using Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.
Category: System Health (IOV = IO Virtualization)
Severity: Severity 1 (Critical)
Trap/EventID: 2553
Redfish Event Type: Alert

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IOV113

Message
Chassis Infrastructure firmware re-installation is successful.

Detailed Description
Chassis Infrastructure firmware re-installation is successful.

Recommended Response Action
No response action is required.

Category
System Health (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

IOV114

Message
arg1 arg2 assigned to server- arg3.

Arguments
arg1 = “PCIE Slot” or “PERC VA”, arg2 = slot number or VA number, arg3 = server number

Detailed Description
The PCIE Slot or PERC Virtual Adapter (VA) identified in the message has been assigned to the server identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Trap/EventID
10747

Redfish Event Type
Alert
IOV115

Message
Unable to allocate $arg1$ WATTS for discovery of PCIE adapters.

Arguments
$arg1$ = number of watts

Detailed Description
The discovery process for PCIE adapters was unable to allocate the power required to power on the PCIE adapters.

Recommended Response Action
Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm config -g cfgChassisPower -o cfgChassisPowerCap <Power cap>" to increase the power cap or add an additional power supply.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 2 (Warning)

Trap/EventID
10746

Redfish Event Type
Alert

IOV116

Message
PCIE AUX power cable $arg1$ was disconnected while powered on.

Arguments
$arg1$ = cable number
Detailed Description

The Chassis Management Controller (CMC) detected a power fault in an PCIE AUX power cable after the adapter was powered on. A power fault may be caused by a loose cable connection to the adapter or between the cable and the AUX cable harness.

Recommended Response Action

Make sure AUX power cable identified in the message is fully plugged into the adapter and the AUX cable harness.

Category

System Health (IOV = IO Virtualization)

Severity

Severity 2 (Warning)

Trap/EventID

2554

Redfish Event Type

Alert

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iDRAC

CMC

IOV117

Message

arg1 arg2 was unassigned/unmapped from server- arg3.

Arguments

arg1 = “PCIE Slot” or “PERC VA”, arg2 = slot number or VA number, arg3 = server number

Detailed Description

The PCIE Slot or PERC Virtual Adapter(VA) identified in the message has been unassigned/unmapped from the server identified in the message.

Recommended Response Action

No response action is required.

Category

Configuration (IOV = IO Virtualization)

Severity

Severity 3 (Informational)

Trap/EventID

10747

Redfish Event Type

Alert

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**IOV118**

**Message**
Fabric arg1 is down.

**Arguments**
arg1 = fabric ID

**Detailed Description**
The Fabric identified in the message is not up and a chassis power cycle is required.

**Recommended Response Action**
Power cycle the chassis. Using the Chassis Management Controller (CMC) RACADM command line interface, run the command "racadm chassisaction powercycle".

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2553

**Redfish Event Type**
Alert

---

**IOV119**

**Message**
PCIe ride-through mode is disabled.

**Detailed Description**
The Chassis Management Controller (CMC) has disabled PCIe ride-through mode. PCIe adapters that are turned on and in "ride-through" mode are immediately turned off.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747
IOV120

**Message**
PCle ride-through mode is enabled.

**Detailed Description**
The Chassis Management Controller (CMC) has enabled PCIe ride-through mode. PCIe adapters will remain turned on for the number of seconds specified by the ride-through timeout value after the server they are assigned to is turned off.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**IOV121**

**Message**
PCle ride-through time out has changed from arg1 to arg2 seconds.

**Arguments**
arg1 = seconds, arg2 = seconds

**Detailed Description**
The Chassis Management Controller (CMC) has changed the PCIe ride-through timeout to the value identified in the message. PCIe adapters will remain turned on
for the number of seconds specified by the ride-through timeout value after the server they are assigned to is turned off. Note: A value of zero equals infinite number of seconds.

Recommended Response Action
No response action is required.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Trap/EventID
10747

Redfish Event Type
Alert

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IOV122

Message
arg1 arg2 is mapped/assigned to extension of server slot arg3.

Arguments
arg1 = "PCIE Slot" or "PERC VA", arg2 = slot number or VA number, arg3 = server number

Detailed Description
The PCIE Slot or PERC Virtual Adapter (VA) identified in the message has been assigned to the extension of the server slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (IOV = IO Virtualization)

Severity
Severity 3 (Informational)

Trap/EventID
10747

Redfish Event Type
Alert

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</tbody>
</table>
IOV123

Message: arg1 arg2 is unassigned/unmapped from extended server slot arg3.

Arguments: arg1 = "PCIE Slot" or "PERC VA", arg2 = slot number or VA number, arg3 = server number

Detailed Description: The PCIE Slot or PERC Virtual Adapter(VA) identified in the message has been unassigned/unmapped from the extension of the server slot identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (IOV = IO Virtualization)

Severity: Severity 3 (Informational)

Trap/EventID: 10747

Redfish Event Type: Alert

IOV124

Message: The PCIe shared adapter in slot arg1 is not supported because the firmware version of the Chassis Infrastructure Mainboard is not the latest.

Arguments: arg1 = slot number

Detailed Description: The PCIe shared adapter in slot identified in the message is not supported because the firmware version of Chassis Management Controller (CMC) Chassis Infrastructure Mainboard is not the latest.

Recommended Response Action: Remove the adapter or update the Chassis Infrastructure firmware and then retry the operation. Using Chassis Management Controller (CMC) RACADM, run the command "racadm fwupdate -g -u -a <TFTP server IP Address> -d mainboard.bin -
m main_board" to upload the latest firmware version to the Chassis Infrastructure Mainboard.

**Category**
Configuration (IOV = IO Virtualization)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
10746

**Redfish Event Type**
Alert

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC | ✔ | ✔* | ✔* |

**Category**
System Health (IOV = IO Virtualization)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2553

**Redfish Event Type**
Alert

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔* | ✔ | ✔* | ✔* |

**IOV2008**

**Message**
The Chassis Management Controller (CMC) is unable to communicate with the PCIe subsystem.

**Detailed Description**
The Chassis Management Controller (CMC) could not successfully connect to the PCIe subsystem.

**Recommended Response Action**
Do the following: 1) Perform an AC Power Cycle operation on the Chassis by disconnecting the chassis from AC power, wait for 30 seconds, and then reconnect AC power. 2) Turn on at least one server. Using the Chassis Management Controller (CMC) web interface, select Server Overview->Power->Control and select the Power On Server option. If the issue persists, contact your service provider.
<table>
<thead>
<tr>
<th></th>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
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<tbody>
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<td>✔</td>
<td>✔</td>
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<td>CMC</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
<td>✔️</td>
<td></td>
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</tr>
</tbody>
</table>
## IPA Event Messages

### IPA0001

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid NIC IP address parameter specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid parameters passed to the function.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter the valid IP Address.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (IPA = DRAC IP Address)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### IPA0002

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid IP address specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid parameters passed to the function.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a valid IP Address.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (IPA = DRAC IP Address)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### IPA0003

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid subnet mask specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid parameters passed to the function.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter the appropriate subnet mask.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (IPA = DRAC IP Address)</td>
</tr>
</tbody>
</table>

730
IPA0004

**Message**
Invalid gateway address specified.

**Detailed Description**
Invalid parameters passed to the function.

**Recommended Response Action**
Enter the appropriate gateway.

**Category**
Audit (IPA = DRAC IP Address)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

IPA0100

**Message**
The iDRAC IP Address changed from arg1 to arg2.

**Arguments**
arg1 = old IP Address, arg2 = new IP Address

**Detailed Description**
The iDRAC IP Address changed from the earlier IP Address identified in the message to the new IP Address identified in the message. This notification will be generated when the iDRAC network card selection is changed, if the DHCP lease expires and the DHCP server assigns another address, or if iDRAC IP address is manually changed.

**Recommended Response Action**
Remote management consoles that have cached or stored the iDRAC IP address may have to be updated with the new IP address either through a re-discovery or manual reconfiguration. A response action may not be required if the console receives this SNMP notification and updates the iDRAC IP address accordingly.

**Category**
Configuration (IPA = DRAC IP Address)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10547

**Redfish Event Type**
Alert

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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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</table>
ISM Event Messages

ISM0000

Message
The iDRAC Service Module is started on the operating system (OS) of server.

Detailed Description
The iDRAC Service Module is started on the OS of server.

Recommended Response Action
No response action is required.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0001

Message
The iDRAC Service Module detected a OS to iDRAC Pass-through in the arg1 mode. Switch the OS to iDRAC Pass-through to a USB NIC mode.

Arguments
arg1 = mode

Detailed Description
The iDRAC Service Module detected a OS to iDRAC Pass-through mode as identified in the message. iDRAC Service Module will automatically connect to iDRAC after the OS to iDRAC Pass-through is configured to the USB NIC mode.

Recommended Response Action
Configure OS to iDRAC Pass-through to the USB NIC mode by running the commands: 1) racadm set idrac.os-bmc.PTMode usb-p2p 2) racadm set idrac.os-bmc.UsbNicIpAddress <ip address> 3) racadm set idrac.os-bmc.adminstate enabled

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0002

Message
The OS to iDRAC Pass-through is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through in the USB NIC mode.
Detailed Description: The OS to iDRAC Pass-through mode is disabled. The iDRAC Service Module is currently enabling the OS to iDRAC Pass-through mode in the USB NIC mode. This operation is done only for the first run of iDRAC Service Module. If OS to iDRAC Pass-through is disabled after this point of time, iDRAC Service Module will not be able to connect to iDRAC until user enables the OS-iDRAC Pass-through in the USB mode.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0003

Message: The iDRAC Service Module is unable to discover iDRAC from the operating system of the server.

Detailed Description: The iDRAC Service Module could not successfully discover iDRAC from the server OS. However, the iDRAC Service Module will continue the discovery operation. Make sure that the IPMI drivers are enabled on the server operating system.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

ISM0004

Message: The iDRAC Service Module has successfully started communication with iDRAC.

Detailed Description: The iDRAC Service Module has successfully started communication with iDRAC.

Recommended Response Action: No response action is required.

Category: Audit (ISM = iDRAC Service Module)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
### ISM0005

**Message** The iDRAC Service Module has successfully restarted communication with iDRAC.

**Detailed Description** The iDRAC Service Module has successfully restarted communication with iDRAC.

**Recommended Response Action** No response action is required.

**Category** Audit (ISM = iDRAC Service Module)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert

*No alerts are applicable for this message*

### ISM0006

**Message** The iDRAC Service Module is unable to communicate with iDRAC using the OS to iDRAC Pass-through channel.

**Detailed Description** The iDRAC Service Module could not successfully communicate with iDRAC, because the OS to iDRAC Pass-through channel is not configured in the USB-NIC mode.

**Recommended Response Action** Make sure that the OS to iDRAC Pass-through channel is configured only in the USB-NIC mode, and then retry the operation. To enable the OS-to-iDRAC Pass-through channel, run the following command in the order they are listed: 1) racadm set idrac.os-bmc.PTMode usb-p2p 2) racadm set idrac.os-bmc.UsbNicIpAddress <ip address> 3) racadm set idrac.os-bmc.adminstate enabled

**Category** Audit (ISM = iDRAC Service Module)

**Severity** Severity 1 (Critical)

**Redfish Event Type** Alert

*No alerts are applicable for this message*

### ISM0007

**Message** The iDRAC Service Module communication with iDRAC has ended.

**Detailed Description** The iDRAC Service Module ended communication with iDRAC over the OS to iDRAC Pass-through channel. This is because either iDRAC is being restarted or the OS to iDRAC Pass-through configuration is being changed. The iDRAC Service Module will continue to try connecting to iDRAC.

**Recommended Response Action** No response action is required.
ISM0008

Message: Some features of iDRAC Service Module will be disabled on this server, because OpenManage Server Administrator is running on the operating system (OS) of this server.

Detailed Description: iDRAC Service Module detected that OpenManage Server Administrator is running on the OS of this server. Therefore, one or more features of iDRAC Service Module will be disabled.

Recommended Response Action: End the OpenManage Server Administrator session. The features will be automatically started by iDRAC Service Module.

ISM0009

Message: The features of iDRAC Service Module that were disabled will be enabled on this server, because OpenManage Server Administrator is not running on the operating system (OS) of this server.

Detailed Description: iDRAC Service Module detected that OpenManage Server Administrator is not running on the OS of this server. Therefore, one or more features of iDRAC Service Module that were earlier disabled are now enabled on this server.

Recommended Response Action: No response action is required.

ISM0010

Message: The iDRAC Service Module received a request from the arg1 to stop the services of Service Module.
Arguments  \texttt{arg1} = requesting source name

Detailed Description The iDRAC Service Module received a request from a source identified in the message to stop the Service Module services. For example, a requesting source can be an OS or iDRAC.

Recommended Response Action If the requesting source is iDRAC, enable the iDRAC Service Module on the iDRAC before starting this service on the server OS. To enable the Service Module by using iDRAC GUI: Click Network, click OS to iDRAC Pass-through, and then click the USB NIC option. In the OS IP Address box, type an IP address, and then click Apply. To enable the module by using RACADM command, run the following command at the command line interface: racadm set idrac.servicemodule.ServiceModuleEnable enabled

Category Audit (ISM = iDRAC Service Module)

Severity Severity 3 (Informational)

Redfish Event Type Alert

No alerts are applicable for this message

ISM0011

Message The server operating system (OS) is unable to start the iDRAC Service Module, because it is set to "disabled" in iDRAC.

Detailed Description The server OS could not start the iDRAC Service Module, because the iDRAC Service Module disabled on iDRAC.

Recommended Response Action Enable the iDRAC Service Module on the iDRAC before starting this service on the server OS, and then retry the operation. To enable the module by using iDRAC GUI: Click Network, click OS to iDRAC Pass-through, and then click the USB NIC option. In the OS IP Address box, type an IP address, and then click Apply. To enable the module by using RACADM command, run the following command at the command line interface: racadm set idrac.servicemodule.ServiceModuleEnable enabled

Category Audit (ISM = iDRAC Service Module)

Severity Severity 2 (Warning)

Redfish Event Type Alert

No alerts are applicable for this message

ISM0012

Message The IDRAC Service Module is successfully ended on the server operating system (OS).

Detailed Description The IDRAC Service Module is successfully ended on the server OS.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

ISM0013
Message: The feature arg1 is enabled.
Arguments: \texttt{arg1} = feature name
Detailed Description: The feature identified in the message is enabled by using one of the iDRAC interfaces.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

ISM0014
Message: The feature arg1 is disabled.
Arguments: \texttt{arg1} = feature name
Detailed Description: The feature identified in the message is disabled by using one of the iDRAC interfaces.
Recommended Response Action: No response action is required.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

ISM0015
Message: The iDRAC Service Module detected a change in the host name of the server operating system (OS).
The iDRAC Service Module detected a change in the host name of the server OS.

Recommended Response Action
No response action is required.

Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

ISM0016

The BMC watchdog reset time is changed to arg1 seconds.

Arguments arg1 = reset time

No response action is required.

Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

ISM0017

The BMC watchdog auto-recovery action is changed from arg1 to arg2.

Arguments arg1 = original action, arg2 = new action

No response action is required.

Category Audit (ISM = iDRAC Service Module)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
### ISM0018

**Message**  
The OS Collector application is successfully started on the server operating system (OS).

**Detailed Description**  
The OS Collector application is started on the server Operating System.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (ISM = iDRAC Service Module)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

### ISM0019

**Message**  
The OS Collector application did not start successfully on the server operating system (OS) because checksum verification did not succeed for some files.

**Detailed Description**  
The OS Collector application did not start successfully on the server operating system (OS), because checksum verification did not succeed for some files.

**Recommended Response Action**  
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

**Category**  
Audit (ISM = iDRAC Service Module)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

### ISM0020

**Message**  
The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found.

**Detailed Description**  
The OS Collector application did not start successfully on the server operating system (OS) because the iDRAC emulated USB device with the OS Collector application was not found.

**Recommended Response Action**  
Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC, and then retry the operation.

**Category**  
Audit (ISM = iDRAC Service Module)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

ISM0021

Message: The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found.
Detailed Description: The OS Collector application did not start successfully on the server operating system (OS) because the OS Collector executable was not found.
Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

ISM0022

Message: The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error.
Detailed Description: The OS Collector application did not start successfully on the server operating system (OS) because the application encountered an error.
Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.
Category: Audit (ISM = iDRAC Service Module)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

ISM0023

Message: The feature WMI Information is de-activated because the iDRAC firmware version installed is not compatible. It will be activated when the compatible iDRAC firmware is installed.
Detailed Description: The feature WMI Information is disabled. It will be enabled when a compatible iDRAC firmware is installed.
Recommended Response Action

WMI Information feature requires iDRAC 8 firmware version 2.00.00 or later.

Update the iDRAC firmware to the appropriate version to activate the WMI Information feature.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0024

Message
The NVMe Device arg1 is successfully prepared for removal from PCIe slot arg2.

Arguments
arg1 = NVMe device name, arg2 = sot number

Detailed Description
The NVMe Device identified in the message is successfully prepared for removal from the PCIe slot identified in the message.

Recommended Response Action
No further response action is required before removing the NVMe Device identified in the message. To enable the NVMe Device for use, remove and re-insert the device or restart the system with the device inserted.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0025

Message
Unable to prepare the NVMe device arg1 for removal from the PCIe slot arg2 because of one or more of the following reasons: 1) NVMe device is busy, 2) NVMe device is not present or 3) NVMe driver is not installed.

Arguments
arg1 = NVMe device name, arg2 = slot number

Detailed Description
The NVMe device cannot be prepared for removal from (the PCIe slot identified in the message because of one or more of the following reasons: 1) NVMe device is busy, 2) NVMe device is not present or 3) NVMe driver is not present.

Recommended Response Action
Make sure of the following: 1) That the NVMe device identified in the message is not in use, 2) the NVMe device is present, and 3) NVMe device drive is installed.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
**ISM0026**

**Message**
The iDRAC Hard Reset operation is performed by system OS user *arg1* from the operating system (OS) on *arg2*.

**Arguments**
*arg1* = user name, *arg2* = datetime

**Detailed Description**
The iDRAC Hard Reset operation is performed by system OS user identified in the message from the operating system (OS) on the day-date-time-year identified in the message.

**Recommended Response Action**
The iDRAC may take up to 2 minutes to fully restart. Wait until the iDRAC is fully restarted before performing further operations with the iDRAC.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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<tr>
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</tr>
</tbody>
</table>

**ISM0027**

**Message**
An unprivileged user *arg1* tried to perform an iDRAC Hard Reset operation from the operating system (OS).

**Arguments**
*arg1* = user name

**Detailed Description**
An unprivileged user identified in the message tried to perform an iDRAC Hard Reset operation from the operating system (OS).

**Recommended Response Action**
No response action is required.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
ISM0028

Message
Unable to perform the iDRAC Hard Reset operation either because of an unsupported CPLD firmware version or the iDRAC Hard Reset feature is currently disabled on iDRAC.

Detailed Description
The iDRAC Hard Reset operation cannot be performed either because of an unsupported CPLD firmware version or the iDRAC Hard reset feature is currently disabled on iDRAC.

Recommended Response Action
Do one of the following: 1) Update the CPLD version by using iDRAC graphical user interface (GUI). 2) To enable the iDRACHard Reset feature by running RACADM command, enter the following at the command line interface (CLI): “racadm set idrac.servicemodule.idrachardreset enabled”.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

ISM0029

Message
Unable to complete the iDRAC Hard Reset operation because BIOS on the server does not support this feature.

Detailed Description
Unable to complete the iDRAC Hard Reset operation because BIOS on the server does not support this feature.

Recommended Response Action
Install the required BIOS version and retry the operation. To know about the recommended BIOS version, see the iDRAC Users Guide available on the support site.

Category
Audit (ISM = iDRAC Service Module)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**ISM0030**

**Message**
Unable to complete the iDRAC Hard Reset operation because this feature is not supported on this platform.

**Detailed Description**
Unable to complete iDRAC Hard Reset operation because this feature is not supported on this platform.

**Recommended Response Action**
Refer to the platform Users Guide documentation for information about whether the iDRAC Hard Reset feature is available.

**Category**
Audit (ISM = iDRAC Service Module)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
JCP Event Messages

JCP000

Message: A new job with ID arg1 is created.
Arguments: arg1 = ID number
Detailed Description: A new job with the ID identified in the message is created.
Recommended Response Action: No response action is required.
Category: Updates (JCP = Job Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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JCP001

Message: Task successfully scheduled.
Detailed Description: The UEFI automated task related to the job was successfully scheduled.
Recommended Response Action: No response action is required.
Category: Configuration (JCP = Job Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
JCP002

Message
Unable to schedule the job.

Detailed Description
The Lifecycle Controller is not able to schedule a job at this time because of an internal error.

Recommended Response Action
Wait up to three minutes and retry the operation. If the problem persists, reboot the system and enumerate DCIM_Lifecycle Job to view the list of jobs that are currently scheduled.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

JCP003

Message
The Job did not complete successfully.

Detailed Description
The Job did not complete successfully.

Recommended Response Action
Retry the operation, and if necessary, make sure that valid parameters are provided for the operation. If the issue persists, contact your service provider.

Category
Configuration (JCP = Job Control)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

JCP004

Message
Time elapsed - Job Failed.

Detailed Description
The jobs time window expired and the job failed to complete

Recommended Response Action
Retry the action and increase the time window so that the job can complete.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
### JCP005

**Message**  
System services cancelled - Job Failed

**Detailed Description**  
System services was cancelled by selecting CTRL+E on boot up and cancelling it through the iDRAC configuration utility. This prevents jobs from executing further.

**Recommended Response Action**  
Enable system services through the CTRL+E on boot up on the target system through the iDRAC configuration utility.

**Category**  
Configuration (JCP = Job Control)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### JCP006

**Message**  
Invalid job attribute.

**Detailed Description**  
One or more of the specified values for creating a job are invalid or an internal error has occurred when scheduling the job.

**Recommended Response Action**  
Use the correct value for the job attribute and retry the operation.

**Category**  
Configuration (JCP = Job Control)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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### JCP007

**Message**  
Job successfully completed.

**Detailed Description**  
The submitted job completed successfully.
Recommended Response Action

No response action is required.

Category

Configuration (JCP = Job Control)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

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**JCP008**

Message

Job completed with errors.

Detailed Description

Multiple attributes were set in the operation but some set attribute actions were not successful. For example, setting an attribute that is not valid for the component being configured.

Recommended Response Action

Examine the results of the configuration job in the Lifecycle Log for the source of the errors. Modify the settings as necessary and resubmit the job.

Category

Configuration (JCP = Job Control)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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**JCP009**

Message

Scheduled job was cancelled.
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<td>The command was successful.</td>
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**JCP010**

**Message**

The command was successful.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (JCP = Job Control)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

**JCP011**

**Message**

Invalid parameter value for arg1.

**Arguments**

arg1 = parameter

**Detailed Description**

The value provided for the specified parameter is invalid and must be corrected for the invoked method to complete successfully.

**Recommended Response Action**

To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation. Retry the operation requested with corrected value.

**Category**

Configuration (JCP = Job Control)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*
**JCP012**

**Message**
The operation failed due to an internal iDRAC error.

**Detailed Description**
The requested operation requires memory or file space allocation. The operation failed due to lack of memory or file space in the iDRAC.

**Recommended Response Action**
Retry the operation. If the issue persists, reset iDRAC and retry the operation.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**JCP013**

**Message**
Missing parameter(s) arg1

**Arguments**
arg1 = parameters

**Detailed Description**
One or more required input parameters needed for the operation are missing.

**Recommended Response Action**
Refer to the documentation for the operation being attempted and provide valid values for the identified parameters.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**JCP014**

**Message**
Maximum jobs per queue exceeded.

**Detailed Description**
The number of jobs specified in the SetupJobQueue request combined with the existing job count contains more jobs IDs than the maximum number of jobs supported by the system (256). Completed jobs are automatically deleted if they are older than the delete on completion timeout setting.

**Recommended Response Action**
Reduce the number of jobs specified in the operation or reduce the existing job count before retrying the operation. Perform one of the following to reduce the job count: 1) Delete one or more jobs and retry the operation. 2) Wait until existing jobs have an elapsed time since completion that is greater than the delete on completion timeout setting and are automatically deleted. 3) Change the delete on completion timeout setting to a smaller value so that completed jobs are automatically deleted sooner.
JCP015

Message
A running job cannot be deleted.

Detailed Description
The job is currently executing and cannot be deleted. The job needs to finish running, whether successful or not, before it can be deleted.

Recommended Response Action
Wait for the job to have a completed job status. Retry the operation.

JCP016

Message
Invalid UntilTime value. A minimum of 5 minutes is required.

Detailed Description
The UntilTime input parameter for the job or job queue creation must be at least 5 minutes after the value specified in the StartTime parameter.

Recommended Response Action
Set the UntilTime at least 5 minutes after StartTime and retry the operation.

JCP017

Message
Job creation request unsuccessful. Maximum number of jobs reached.

Detailed Description
The current job count has reached the maximum value supported. No more jobs are created until the number of jobs on the system is reduced. Completed jobs are automatically deleted if they are older than the DeleteOnCompletionTimeout setting.

Recommended Response Action
Do one of the following to reduce the job count: 1) Delete one or more jobs and retry the operation. 2) Wait until existing jobs have an elapsed time since completion that is greater than the delete on completion timeout setting and are
automatically deleted. 3) change the DeleteOnCompletionTimeout setting using the WSMAN API to a smaller value so that completed jobs are automatically deleted sooner.

**Category**  Configuration (JCP = Job Control)  
**Severity**  Severity 2 (Warning)  
**Redfish Event Type**  Alert  

*No alerts are applicable for this message*

### JCP018

**Message**  Cannot create new jobs until the existing Export job is completed or the job is cancelled.  
**Detailed Description**  A new job cannot be created until the existing Export job is completed or the job is deleted. There can only be one Export Server Profile job running at a time.  
**Recommended Response Action**  Do one of the following: 1) Retry the operation after the Export Server Profile job is completed. 2) Delete the scheduled Export job and retry the operation.  
**Category**  Configuration (JCP = Job Control)  
**Severity**  Severity 2 (Warning)  
**Redfish Event Type**  Alert  

*No alerts are applicable for this message*

### JCP019

**Message**  Cannot create new jobs until the existing Import System Profile job is completed or cancelled.  
**Detailed Description**  A new job cannot be created until the existing Import Server Profile job is complete or deleted. Only one Import Server Profile job can be running at any given time.  
**Recommended Response Action**  Do one of the following: 1) Retry the operation after the Import Server Profile job is complete. 2) Delete the scheduled Import Server Profile job and retry the operation.  
**Category**  Configuration (JCP = Job Control)  
**Severity**  Severity 2 (Warning)  
**Redfish Event Type**  Alert  

*No alerts are applicable for this message*

### JCP020

**Message**  Cannot schedule jobs while export or import operations are running.
Existing jobs cannot be scheduled while an Export Server Profile or Import Server Profile job is running.

Retry the job scheduling operation after the export or import operation is completed.

Configuration (JCP = Job Control)

Severity 2 (Warning)

Alert

No alerts are applicable for this message

JCP021

The operation failed due to an internal iDRAC error.

The operation did not complete successfully because of lack of an unknown error in the iDRAC.

Retry the operation. If the issue persists, reset the iDRAC.

Configuration (JCP = Job Control)

Severity 2 (Warning)

Alert

No alerts are applicable for this message

JCP022

Invalid Job ID arg1 for scheduling or deletion operation.

arg1 = jobid number

An invalid Job ID was provided as input for a scheduling or deletion operation. The Job ID indicated in the message does not match an existing Job on the target system.

Verify the job ID value by enumerating job instances and validating that the Job ID value is correct for the job being scheduled or deleted. Retry the operation with the correct Job ID value.

Configuration (JCP = Job Control)

Severity 2 (Warning)

Alert

No alerts are applicable for this message
JCP023

Message  Duplicate Job ID arg1.
Arguments   arg1 = jobid number
Detailed Description   One of the job ID values specified as input to the operation is a duplicate. The duplicated Job ID is indicated in the message.
Recommended Response Action   Use the correct job ID and retry. Use the GetAllJobs method to retrieve all open jobs.
Category   Configuration (JCP = Job Control)
Severity   Severity 2 (Warning)
Redfish Event Type   Alert

No alerts are applicable for this message

JCP024

Message  Lifecycle Controller is in use. This job starts when Lifecycle Controller is available.
Detailed Description   Lifecycle Controller cannot gain access to internal storage due to use by another application or operation. This job starts when Lifecycle Controller is available.
Recommended Response Action   Wait for current Lifecycle Controller operation to complete. Verify that the system is: 1) Not currently in Lifecycle Controller Unified Server Configurator 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs.
Category   Configuration (JCP = Job Control)
Severity   Severity 3 (Informational)
Redfish Event Type   Alert

No alerts are applicable for this message

JCP025

Message  Lifecycle Controller is not enabled.
Detailed Description   Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller can be enabled in the F2 Setup application or through a remote operation.
Recommended Response Action   If Lifecycle Controller is in Recovery mode a firmware update of Lifecycle Controller may be required. To change the Lifecycle Controller mode, do the following: 1) Restart the system and press F2 to launch the System Setup application 2) Select iDRAC Configuration 3) Select Lifecycle Controller Settings to enable Lifecycle Controller.
JCP026

Message
Update packages are being downloaded. This job resumes when the downloads are completed.

Detailed Description
Update packages are being downloaded for other jobs initiated on this system. This job resumes when the downloads complete.

Recommended Response Action
No response action is required.

JCP027

Message
Job created successfully.

Detailed Description
An install or configuration job is successfully created on iDRAC.

Recommended Response Action
No response action is required.

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Chassis Event Proxy
**JCP028**

**Message**
Job status updated.

**Detailed Description**
An install or configuration job status is successfully updated on iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (JCP = Job Control)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**JCP029**

**Message**
A Job of JobType arg1 already exists.

**Arguments**
`arg1` = parameter

**Detailed Description**
Only one Job of the JobType requested can be created or scheduled at any time. A job of the same type already exists in the job queue.

**Recommended Response Action**
Wait until the existing job is complete or delete the existing job and then retry the operation.

**Category**
Audit (JCP = Job Control)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
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## JCP030

**Message**: Unable to schedule jobs while an iDRAC firmware update or configuration job is running.

**Detailed Description**: Unable to schedule jobs for execution while an iDRAC firmware update job is running.

**Recommended Response Action**: Wait for the running job to complete, and then retry the operation.

**Category**: Configuration (JCP = Job Control)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

## JCP031

**Message**: Unable to delete the job because the configuration is still being committed.

**Detailed Description**: The job ID specified as input to the operation has configuration data that is currently being processed by the iDRAC. The job can be deleted after the processing is done.

**Recommended Response Action**: Retry the operation. If the issue persists, reset the iDRAC by pressing the System ID button for 15 seconds, wait for the iDRAC to finish restarting, and then retry the operation.

**Category**: Configuration (JCP = Job Control)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

## JCP032

**Message**: Unable to create a job because conflicting options are entered.

**Detailed Description**: The configuration job cannot be created because the -r and --realtime options cannot be used at the same time.

**Recommended Response Action**: Make sure that only one of either -r or --realtime option is entered. For example, to run a job immediately, enter the --realtime option. To schedule a job that will be run after restarting a server, use the -r option. For more information about options,
see the RACADM Command Line Reference Guide available at the support site. If the issue persists, contact your service provider.

Category: Configuration (JCP = Job Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**JCP033**

Message: New job.
Detailed Description: This job is newly created. This is the default message in a job when it has just been created.
Recommended Response Action: No response action is required.
Category: Updates (JCP = Job Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**JCP035**

Message: Unable to create new jobs because a backup job is currently running.
Detailed Description: New jobs cannot be created because a backup job is currently running.
Recommended Response Action: Wait for the running job to complete, and then retry the operation. To view a list of the jobs currently running, use the RACADM command ‘racadm jobqueue view’ or using the WSMAN API, enumerate DCIM_LifeCycleJob to view the list of jobs that are currently scheduled.
Category: Updates (JCP = Job Control)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
JCP036

Message
The (installation or configuration) job \texttt{arg1} is successfully deleted.

Arguments
\texttt{arg1} = job ID

Detailed Description
The job (installation- or configuration job) identified in the message is successfully deleted on iDRAC.

Recommended Response Action
No response action is required.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

JCP8501

Message
Job ID: \texttt{arg1} . CMC sent \texttt{arg2} properties from \texttt{arg3} profile to the server (Service Tag: \texttt{arg4}) in the slot \texttt{arg5}.

Arguments
\texttt{arg1} = job ID, \texttt{arg2} = number of settings, \texttt{arg3} = profile name, \texttt{arg4} = service tag, \texttt{arg5} = slot number

Detailed Description
This job information message occurs if some configuration stored in the profile are not applicable to the target server.
Recommended Response Action
No response action is required.

Category
Configuration (JCP = Job Control)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
</thead>
</table>

iDRAC

CMC

<table>
<thead>
<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
</thead>
</table>

iDRAC ✔*
CMC ✔* ✔*
LC Event Messages

LC001

Message: Command successful.
Detailed Description: The command completed successfully.
Recommended Response Action: No response action is required.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

LC002

Message: General failure.
Detailed Description: A general failure occurred while executing the command.
Recommended Response Action: Verify network connectivity. If failure persists, reset the iDRAC to resolve the issue.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

LC003

Message: Failed to change the firmware update mode.
Detailed Description: An error occurred while trying to set the firmware update mode.
Recommended Response Action: Verify that the firmware version supports this mode. Also confirm that the command and parameters are correct. The parameter choices are: 1) Disable (default) 2) Allow version upgrade only 3) Match firmware of replaced part.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Contr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**LC004**

**Message**
Provisioning Server information is not formatted correctly.

**Detailed Description**
The Provisioning Server parameter information is not formatted correctly.

**Recommended Response Action**
Verify the string format. Enter a valid IP address or hostname for the Provisioning Server such as: 1) hostname 2) hostname.domain.com 3) 1.1.1.1 4) hostname:8080 5) hostname.dell.com:8080 6) hostname1:80,hostname2:8080

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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**LC005**

**Message**
Invalid firmware update mode.

**Detailed Description**
The value provided for the update mode parameter is invalid.

**Recommended Response Action**
Verify that the correct firmware update mode was entered. The choices are: 1) Disable (default) 2) Allow version upgrade only 3) Match firmware of replaced part.

<table>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**LC006**

**Message**
Invalid Auto-Discovery action.

**Detailed Description**
The Auto-Discovery action selected is invalid.

**Recommended Response Action**
Verify that the selected Auto-Discovery action is supported. The supported commands are documented in the Lifecycle Controller User Guide.

| Category            | Configuration (LC = Lifecycle Contr) |
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC007

Message: Invalid Parameter.
Detailed Description: One of the parameters specified in the method is invalid.
Recommended Response Action: Verify that the parameters specified are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC008

Message: Unsupported method parameter value.
Detailed Description: The parameter value is not supported.
Recommended Response Action: Confirm that the parameters provided are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC009

Message: Insufficient method parameters.
Detailed Description: There were insufficient parameters specified for this command.
Recommended Response Action: Confirm that the parameters provided are correct. For a list of parameters for this method refer to the Lifecycle Controller User Guide.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

**LC010**

Message: Certificate imported successfully.

Detailed Description: The communications encryption certificate was imported successfully.

Recommended Response Action: No response action is required.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC0100**

Message: Lifecycle Controller has entered Recovery mode.

Detailed Description: A persistent error has occurred while carrying out a Lifecycle Controller operation. This situation causes Lifecycle Controller to enter Recovery mode. Any remote jobs pending execution were cancelled.

Recommended Response Action: To verify or change Recovery mode, use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings. Updating Lifecycle Controller clears the Recovery mode.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**LC0101**

Message: Lifecycle Controller action was cancelled by a user.

Detailed Description: A user cancelled Lifecycle Controller actions. Any remote jobs pending execution were cancelled.

Recommended Response Action: No response action is required.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 3 (Informational)
**LC011**

**Message**
Certificate import operation failed.

**Detailed Description**
There was a general failure in the certificate import process.

**Recommended Response Action**
Try one of the following: 1) Rerun the command. 2) Reset iDRAC and run the command.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LC012**

**Message**
Another process is using Lifecycle Controller.

**Detailed Description**
Lifecycle Controller is in use by another process. Wait for other process to complete before attempting to run another command.

**Recommended Response Action**
Try one of the following: 1) Rerun the command after about 2 minutes. 2) Make sure that Lifecycle Controller Unified Server Configurator or an Update Package is not currently running on the server 3) Reset iDRAC and rerun the command.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LC013**

**Message**
A configuration job cannot be created because there are no pending values to change.

**Detailed Description**
No changes are available between the previous configuration and the current configuration. At least one attribute should be changed to create a configuration job.

**Recommended Response Action**
Change the configuration of one or more attributes before creating a configuration job.

**Category**
Configuration (LC = Lifecycle Contr)
LC014

Message: Maximum comment length is 255 characters.

Detailed Description: Maximum comment length is 255 characters.

Recommended Response Action: Limit the number of characters in the comment to 255 characters.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LC015

Message: Invalid Part Configuration Update

Detailed Description: Invalid current attribute value

Recommended Response Action: Check for correct parameter values: 1) Disabled 2) Apply always 3) Apply only if firmware match.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LC016

Message: Missing required parameter, arg1.

Arguments: arg1 = parameter

Detailed Description: A required method argument was missing.

Recommended Response Action: Include all the parameters required for the command. Check Lifecycle Controller Profile documentation and try again.

Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC017

Message: Invalid value for the parameter, arg1.
Arguments: arg1 = parameter
Detailed Description: A parameter value provided when the method was invoked is not valid.
Recommended Response Action: Verify that parameter values provided to the method are typed as they appear in the enumeration and that the parameter data type matches the Lifecycle Controller Profile documentation.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC018

Message: Server certificate successfully modified. iDRAC will now restart and be unavailable during restart.
Detailed Description: The certificate modification operation was successful. Communication to iDRAC will be lost as iDRAC restarts to use the new server certificate.
Recommended Response Action: No response action is required.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

LC019

Message: Base64 decode of PKCS12 content was not successful.
Detailed Description: The PKCS12 string could not be decoded from the Base64 encoding into a PKCS12 binary file.
Recommended Response Action: Validate that the contents of the PKCS12 parameter is base64 encoded. Openssl can be used to validate the encoding.
LC020
Message  PKCS12 decrypt of the certificate could not complete.
Detailed Description  The contents of the PKCS12 parameter was not valid because: 1) not a valid PKCS12 file 2) not a valid pfx file 3) did not contain a certificate that matched the private key in the file.
Recommended Response Action  Validate that the PKCS12 content was Base64 encoded. OpenSSL can be used to create or validate a PKCS12 encoding.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert
No alerts are applicable for this message

LC021
Message  PKCS12 decrypt of private key could not complete.
Detailed Description  The contents of the PKCS12 parameter was not valid because: 1) not a valid PKCS12 file 2) not a valid pfx file 3) did not contain a valid key.
Recommended Response Action  Validate that the PKCS12 file was Base64 encoded. OpenSSL can be used to create or validate a PKCS12 file.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert
No alerts are applicable for this message

LC022
Message  Lifecycle Controller Log Export was successful.
Detailed Description  The Lifecycle Controller Log was successfully exported to the destination specified.
Recommended Response Action  No response action is required.
Category  Configuration (LC = Lifecycle Contr)
Severity 3 (Informational)

Redfish Event Type Alert

No alerts are applicable for this message

LC023

Message Cannot access network share.

Detailed Description Credentials or network share identity information provided did not result in a network connection being established.

Recommended Response Action Check network share access credentials (IP address, user name, password, share type, and so on). Refer to Lifecycle Controller Profile documentation for more details.

Category Configuration (LC = Lifecycle Contr)

Severity Severity 2 (Warning)

Redfish Event Type Alert

No alerts are applicable for this message

LC024

Message Unable to retrieve Lifecycle Controller Log records.

Detailed Description Unable to retrieve Lifecycle Controller Log records because of an issue internal to the firmware.

Recommended Response Action Do one of the following: 1) Try the operation again 2) AC power cycle the system 3) apply the latest firmware update packages for Lifecycle Controller and iDRAC.

Category Configuration (LC = Lifecycle Contr)

Severity Severity 1 (Critical)

Redfish Event Type Alert

No alerts are applicable for this message

LC025

Message Insufficient space on network share.

Detailed Description Insufficient space on network share.

Recommended Response Action Make more space available on the network share and try the operation again.

Category Configuration (LC = Lifecycle Contr)

Severity Severity 2 (Warning)
<table>
<thead>
<tr>
<th>Redfish Event Type</th>
<th>Alert</th>
</tr>
</thead>
<tbody>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**LC026**

<table>
<thead>
<tr>
<th>Message</th>
<th>Lifecycle Controller Log Export method is not supported.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>This method is not supported in this version of the iDRAC firmware.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Update the iDRAC firmware to a version that supports the log export.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**LC027**

<table>
<thead>
<tr>
<th>Message</th>
<th>The Hardware Inventory file export was successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Hardware Inventory XML file export operation was successful.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**LC028**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to retrieve Hardware Inventory information.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Hardware Inventory information is not retrievable due to an internal error.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Try one of the following: 1) Try the operation again 2) AC power cycle system 3) apply the latest firmware update packages for Lifecycle Controller and iDRAC.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>
LC029

Message: Invalid file path specified.
Detailed Description: An invalid File Path was specified in the export operation.
Recommended Response Action: Correct the specified file path and try again.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC030

Message: The file path is to a read-only file system.
Detailed Description: The file path specified for the operation is a read-only file system.
Recommended Response Action: Enable write access to the file path and try again.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC031

Message: Internal error occurred while exporting inventory.
Detailed Description: An internal error occurred while exporting the Hardware Inventory XML file.
Recommended Response Action: Reset iDRAC and retry the command.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message
**LC032**

**Message**
The Hardware Inventory Export method not supported.

**Detailed Description**
This method is not supported in the current version of iDRAC firmware.

**Recommended Response Action**
Update the iDRAC firmware to a version that supports this method.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LC033**

**Message**
As-Shipped Hardware Inventory export was successful.

**Detailed Description**
The Hardware Inventory XML file representing the system configuration as shipped from the factory was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LC034**

**Message**
Unable to retrieve As-Shipped Hardware Inventory from the system.

**Detailed Description**
The As-Shipped from the factory Hardware Inventory information is not present on the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LC = Lifecycle Contr)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
LC035
Message: As-Shipped Hardware Inventory Export method is not supported.
Detailed Description: This method is not supported in this version of Firmware.
Recommended Response Action: Update the iDRAC firmware to a version that supports this method.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

LC036
Message: Lifecycle Controller is not enabled.
Detailed Description: The Lifecycle Controller has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote command.
Recommended Response Action: Use the iDRAC configuration utility to enable the Lifecycle Controller by pressing the CTRL+E option on boot up at the targeted system.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

LC037
Message: An instance of Lifecycle Controller Log Export is already running.
Detailed Description: Lifecycle Controller is locked by another instance of Lifecycle Controller Log Export operation. Wait for that operation to complete before attempting to run another command.
Recommended Response Action: Do one of the following: 1) Wait approximately 2 minutes and retry the operation. 2) Reset iDRAC and retry the operation.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
LC038

Message
An instance of Hardware Inventory export is already in progress.

Detailed Description
Lifecycle Controller is locked by another instance of the Hardware Inventory export process. Allow the process to complete before attempting another export operation.

Recommended Response Action
Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset the iDRAC and rerun the command.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

LC039

Message
An instance of As-Shipped Inventory export is already in progress.

Detailed Description
Lifecycle Controller is locked by another instance of the As-Shipped Inventory export process. Allow the process to complete before attempting another export operation.

Recommended Response Action
Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset the iDRAC and rerun the command.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

LC040

Message
Memory resource allocation failure.

Detailed Description
Unable to allocate required memory to perform the operation.

Recommended Response Action
Power cycle system and retry the operation. If the problem persists, reapply firmware packages for Lifecycle Controller and iDRAC.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message
LC041

Message: Console name configure failed
Detailed Description: The length of the Console name exceeds the maximum length allowed or the file operation error encountered.
Recommended Response Action: Change the name of a console to a name less than 32 characters.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC042

Message: Configure Console name in FlexAddr mode
Detailed Description: Configure Console name while Virtual Address Management is in FlexAddr mode.
Recommended Response Action: Configure the Virtual Address Management to Console mode, and then configure the name of a console.
Category: Configuration (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LC043

Message: Work note contains non-printable or reserved characters.
Detailed Description: Work notes cannot include non-printable or reserved characters, such as &, <, >, /.
Recommended Response Action: Do not use non-printable characters or reserved characters such as &, <, >, and /.
Category: Updates (LC = Lifecycle Contr)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
### LC044

**Message**: An instance of Lifecycle Controller system configuration wipe is already running.

**Detailed Description**: The Lifecycle Controller system configuration wipe operation is currently running. The operation deletes user information from system hardware and resets BIOS, iDRAC and Lifecycle Controller to default settings. The current operation and system restart must complete before the operation can be attempted again.

**Recommended Response Action**: Wait for the Lifecycle Controller system configuration wipe operation that is currently running to complete before requesting another operation.

**Category**: Configuration (LC = Lifecycle Contr)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

### LC045

**Message**: An instance of CreateConfigJob is already running.

**Detailed Description**: The CreateConfigJob operation is currently running. The current operation and system restart must complete before the operation can be attempted again.

**Recommended Response Action**: Wait for the CreateConfigJob operation that is currently running to complete before requesting another operation.

**Category**: Configuration (LC = Lifecycle Contr)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

### LC046

**Message**: An instance of DownloadServerPublicKey is already running.

**Detailed Description**: The DownloadServerPublicKey operation is in progress. The operation may take a few minutes to complete before the operation can be attempted again.

**Recommended Response Action**: Wait a few minutes before retrying the operation.

**Category**: Configuration (LC = Lifecycle Contr)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*
LC047

Message
An instance of DownloadClientCerts is already running.

Detailed Description
The DownloadClientCerts operation is in progress. The operation may take a few minutes to complete before the operation can be attempted again.

Recommended Response Action
Wait a few minutes before retrying retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

LC048

Message
Invalid input value for IPChangeNotifyPS.

Detailed Description
The value provided to set the attribute identified in the message is invalid.

Recommended Response Action
For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the IPChangeNotifyPS attribute.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

LC049

Message
Invalid value for VirtualAddressManagement.

Detailed Description
The value provided to set the attribute identified in the message is invalid.

Recommended Response Action
For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the VirtualAddressManagement attribute.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
LC050

Message  Invalid value for SystemServicesState.
Detailed Description  The value provided to set the attribute identified in the message is invalid.
Recommended Response Action  For more information on the valid values, see Lifecycle Controller-Remote Services documentation. Retry the operation with a valid value for the SystemServicesState attribute.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LC051

Message  Cannot create multiple Server Profile Export jobs.
Detailed Description  There can only be one Server Profile Export job at a time.
Recommended Response Action  Wait for the existing Server Profile Export job to run and complete or cancel it, before retrying the operation.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LC052

Message  Cannot create multiple Server Profile Import jobs.
Detailed Description  There can only be one Server Profile Import job at a time.
Recommended Response Action  Wait for the existing Server Profile Import job to run and complete or cancel it, before retrying the operation.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
LC053

Message: Lifecycle Controller Remote Services is currently unavailable.

Detailed Description: Lifecycle Controller Remote Service is either not ready or currently reloading server information.

Recommended Response Action: Retry the operation. If the issue persists, refer to Lifecycle Controller-Remote Services documentation for more information.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LC054

Message: Unable to write to the network share.

Detailed Description: The network share may be read-only or it may not have sufficient space for the export operation.

Recommended Response Action: Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LC055

Message: The operation did not complete successfully because of an invalid attribute array.

Detailed Description: The operation did not complete successfully because the number of AttributeName input parameters provided to the method exceeded the number of attributes available in iDRAC.

Recommended Response Action: Retry the operation with an input parameter array that matches the available attributes in iDRAC.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
LC056

Message:  
AttributeName and AttributeValue count mismatch.

Detailed Description:  
The name value pairs in the input parameter arrays do not match in the input.

Recommended Response Action:  
Retry the operation with a valid (AttributeName, AttributeValue) pair.

Category:  
Configuration (LC = Lifecycle Contr)

Severity:  
Severity 2 (Warning)

Redfish Event Type:  
Alert

No alerts are applicable for this message

LC057

Message:  
Invalid AttributeName parameter value.

Detailed Description:  
The attribute name provided is not valid for the current method.

Recommended Response Action:  
Retry the operation with a valid AttributeName parameter value.

Category:  
Configuration (LC = Lifecycle Contr)

Severity:  
Severity 2 (Warning)

Redfish Event Type:  
Alert

No alerts are applicable for this message

LC058

Message:  
Invalid AttributeValue parameter value for corresponding AttributeName value, arg1.

Arguments:  
arg1 = AttributeName

Detailed Description:  
The attribute value specified in the AttributeValue array is not valid for the corresponding specified attribute.

Recommended Response Action:  
Retry the operation with a valid attribute value for the corresponding specified attribute.

Category:  
Configuration (LC = Lifecycle Contr)

Severity:  
Severity 2 (Warning)

Redfish Event Type:  
Alert

No alerts are applicable for this message
LC059

Message  Cannot set read only attribute specified in AttributeName arg1.
Arguments  arg1 = parameter
Detailed Description  The attribute specified is read only and the value cannot be changed.
Recommended Response Action  No response action is required.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LC060

Message  Lifecycle controller is currently not ready to take provisioning requests
Detailed Description  Lifecycle controller is currently performing tasks and another task cannot be scheduled until the previous task finishes.
Recommended Response Action  Wait until Lifecycle controller finishes performing current tasks and host system to finish POST.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

LC061

Message  Lifecycle controller is ready to take provisioning requests
Detailed Description  Jobs, invoke methods, enumerates can now be performed on Lifecycle controller. Lifecycle controller is ready to take provisioning requests.
Recommended Response Action  No response action is required.
Category  Configuration (LC = Lifecycle Contr)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message
### LC062

**Message**  
Export or Import server profile operation is already running.

**Detailed Description**  
Export or Import server profile operation is already running. The operation may take a few minutes to complete.

**Recommended Response Action**  
To retry the operation, wait for a few minutes.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### LC063

**Message**  
Cannot create new jobs until the existing running jobs are completed or deleted.

**Detailed Description**  
All jobs must be completed before creating a new job.

**Recommended Response Action**  
Retry after all the existing jobs are completed or deleted.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### LC064

**Message**  
The value exceeds the maximum length of \( \text{arg1} \) characters for \( \text{arg2} \).

**Arguments**  
\( \text{arg1} = \) max parameter length, \( \text{arg2} = \) parameter name

**Detailed Description**  
The maximum number of characters allowed for the parameter is displayed.

**Recommended Response Action**  
Reduce the number of characters to the maximum length allowed for this parameter.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
**LC065**

**Message**  
The iDRAC static IP address information is not fully configured. The missing attribute InstanceID is arg1.

**Arguments**  
arg1 = attribute key

**Detailed Description**  
The static IPv4 information for the iDRAC represented by the related iDRACCard Attributes must be configured correctly.

**Recommended Response Action**  
Configure the iDRAC static IP address information by setting the related iDRACCard Attributes. The related attributes that must be configured are the following:: 1) In the IPv4 group: Address, NetMask, Gateway, DNS1 2) In the NIC Static group: DNSDomainName.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**LC066**

**Message**  
The Export Certificate operation is currently running.

**Detailed Description**  
The Export Certificate operation is already running and may take a few minutes to complete.

**Recommended Response Action**  
Wait until the current operation is complete and then retry the operation.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**LC067**

**Message**  
Successfully exported SSL Certificate.

**Detailed Description**  
The Export Certification operation successfully exported the SSL Certificate.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (LC = Lifecycle Contr)

**Severity**  
Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

LC068

Message  Unable to perform the import or export operation because there are pending attribute changes or a configuration job is in progress.

Detailed Description  The import or export system configuration operation cannot be performed because there are pending attribute changes or a configuration job is in progress.

Recommended Response Action  Apply or cancel any pending attribute changes. Changes can be applied by creating a targeted configuration job, or the changes can be cancelled by invoking the DeletePendingConfiguration method. If a configuration job is in progress, wait until it is completed before retrying the import or export system configuration operation.

Category  Configuration (LC = Lifecycle Contr)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message

LC069

Message  Certificate does not exist.

Detailed Description  The certificate does not exist for export or delete operation.

Recommended Response Action  No response action is required.

Category  Configuration (LC = Lifecycle Contr)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message

LC070

Message  Unable to find the configuration XML import file.

Detailed Description  The configuration XML file used for the import operation does not exist on the specified network share.

Recommended Response Action  Make sure the input configuration XML file for the operation exists on the network share.

Category  Configuration (LC = Lifecycle Contr)
LC071

Message: The Lifecycle Controller version does not support the export or import of the Server Configuration XML file.

Detailed Description: Unable to export or import server configuration XML because the Lifecycle Controller version on the target does not support this feature.

Recommended Response Action: Update the Lifecycle Controller version on the target system to a version that supports the export and import server configuration XML feature, and retry the operation.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LC072

Message: An SSL Certificate is successfully generated.

Detailed Description: An SSL Certificate is successfully generated in response to the requested operation.

Recommended Response Action: Download the SSL Certificate and get it signed by an authority.

Category: Configuration (LC = Lifecycle Contr)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

LC073

Message: Unable to generate an SSL Certificate because one or more mandatory security attributes are invalid.

Detailed Description: An SSL Certificate cannot be generated because one or more mandatory security attributes are invalid.

Recommended Response Action: Make sure that the security attributes are valid and retry the operation.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (LC = Lifecycle Contr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### LC074

**Message**
The Certificate export operation did not complete successfully.

**Detailed Description**
The Certificate export operation did not complete successfully.

**Recommended Response Action**
Retry the operation. If the issue persists, restart the iDRAC and retry the operation.

### LC075

**Message**
The Custom Signed Certificate (CSC) is deleted successfully. iDRAC will now restart and be unavailable during restart

**Detailed Description**
Deleting the custom signed certificate should regenerate a new unique certificate. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active

**Recommended Response Action**
No response action is required.

### LC076

**Message**
Unable to perform the Custom Signed Certificate (CSC) certificate delete operation.

**Detailed Description**
Unable to perform the Custom Signed Certificate (CSC) certificate delete operation. This may be due to IPMI communications issues.
<table>
<thead>
<tr>
<th><strong>Recommended Response Action</strong></th>
<th>Retry the operation. If the issue persists, restart the iDRAC and retry the operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

**LC077**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Certificate imported successfully. Reset iDRAC to apply new certificate. Until iDRAC is reset old certificate will be active</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The new certificate will not be in-use until iDRAC has been restarted</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

**LC078**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The Export Message Registry operation was successfully completed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The Message Registry was successfully exported to the specified destination file folder.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LC = Lifecycle Contr)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

**LC079**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Unable to start the export operation because Lifecycle Controller is currently running an instance of Export Message Registry operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The export operation cannot be started because Lifecycle Controller is currently running an instance of Export Message Registry operation.</td>
</tr>
</tbody>
</table>

---
Recommended Response Action
Wait for the current export process to complete, and then retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

LC080

Message
The Export Server Screen Shot operation successfully exported the server screen shot file.

Detailed Description
The Export Server Screen Shot operation successfully exported the server screen shot file.

Recommended Response Action
Download the encoded Base64 format server screen shot file, decode the Base64 file and then save it as a *.png file.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

LC081

Message
Unable to complete the Server Screen Shot export operation because of internal firmware issues.

Detailed Description
The Server Screen Shot export operation cannot be completed because of internal firmware issues.

Recommended Response Action
Retry the operation. If the issue persists, restart iDRAC by invoking the WS-Man iDRACReset method which is defined in the DCIM_iDRACCardService class (input parameters are not required for this method), and then retry the operation.

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

LC082

Message
Unable to complete the requested operation because the Collect System Inventory On Restart (CSIOR) attribute setting is disabled on the system.
Detailed Description
Unable to complete the requested operation because the Collect System Inventory On Restart (CSIOR) attribute setting is disabled on the system.

Recommended Response Action
Enable the Collect System Inventory On Restart (CSIOR) attribute setting and then retry the operation. To enable the CSIOR setting using the RACADM command line utility, type "racadm set lifecyclecontroller.LCAttributes.CollectSystemInventoryOnRestart Enabled".

Category
Configuration (LC = Lifecycle Contr)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

LC083

Message
The Redfish Event service cannot deliver notifications to arg1 because of network communication issues.

Arguments
arg1 = IP address

Detailed Description
The Redfish Event service cannot deliver notifications to the IP Address identified in the message because of network communication issues.

Recommended Response Action
Make sure that the server is connected to the network and retry the operation. If the issue persists, delete the subscription and then subscribe by using an IP that is connected to the network.

Category
Audit (LC = Lifecycle Contr)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

Filter Visibility
LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔

CMC
LIC Event Messages

LIC000

Message: The License Manager action succeeded.
Detailed Description: This command was successful.
Recommended Response Action: No response action is required.
Category: Audit (LIC = Licensing)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC001

Message: The License Manager command parameter used is invalid.
Detailed Description: The command or command parameters passed to License Manager is invalid. This is an internal error indicative of memory corruption. Under normal circumstances this error should not occur.
Recommended Response Action: Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category: Audit (LIC = Licensing)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC002

Message: License Manager is unable to allocate the required resources at startup.
Detailed Description: The error may occur when License Manager: 1) Is unable to allocate system resources. 2) Determines one or more files is incompatible with the current firmware version. This occurs when an older firmware version has been uploaded to a system that was previously running a newer firmware version. If this occurs, the current internal License Manager files are deleted and new ones are created.
which align with the firmware version. A license reimport may be required. NOTE:
All import, delete, export, view license commands are blocked until this issue is
resolved.

**Recommended Response Action**
If the firmware has been rolled back to a previous version, this error may occur. All
previously installed licenses must be re-imported. If this is not the case, contact
technical support.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LIC003**

**Message**
License Manager was unable to create and/or allocate the required resources.

**Detailed Description**
System resources may be unavailable at the time command is issued.

**Recommended Response Action**
Re-issue the command. If the issue persists, contact technical support. Refer to
your product documentation to choose the contact method that is convenient for
you.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**LIC004**

**Message**
An internal system error has occurred.

**Detailed Description**
This error condition is reported when one of the following conditions occur: 1) Operating system detected a file error (for example, bad CRC, bad sector) when reading/writing a license manager file. The error could indicate bad or corrupt FLASH device. 2) License Manager detected an internal memory data corruption. 3) The command or command parameters passed to License Manager is invalid. This is an internal error showing memory corruption. Under normal circumstances this error should not occur. 4) When exporting a license file, License Manager was unable to allocate the temporary space required for the transfer of the file.

**Recommended Response Action**
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
No alerts are applicable for this message

**LIC005**

- **Message**: Import failed: The maximum number of licenses are installed.
- **Detailed Description**: The maximum number of installed licenses has been reached.
- **Recommended Response Action**: Delete one of the currently installed licenses and retry the import.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**LIC006**

- **Message**: The license has expired.
- **Detailed Description**: The license end date has been reached.
- **Recommended Response Action**: Obtain a replacement license and import it.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**LIC007**

- **Message**: Invalid entry: Object does not exist or cannot be found.
- **Detailed Description**: Each License Manager object has a unique identifier by which it may be accessed. If the user supplied identifier is outside the acceptable range or the object no longer exists in the system, then this error is returned. Most common identifiers are the license entitlement identifier, the device Fully Qualified Device Descriptor, or the import transaction identifier assigned to a license when imported.
- **Recommended Response Action**: Re-issue this command with correct License Manager object identifier.
- **Category**: Audit (LIC = Licensing)
- **Severity**: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC008

Message: The license binding ID does not match the device unique identifier.

Detailed Description: All bound perpetual licenses contain the unique identifier of a specific device. The unique identifier binds a license to the device. For example, iDRACs unique identifier is the service tag.

Recommended Response Action: Obtain a new license file with the correct unique identifier for the device. To use this license, import to the device with the correct unique identifier.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LIC009

Message: The license upgrade was unsuccessful.

Detailed Description: An upgrade license carries specific information about the license it is replacing. If that information does not match, then the license import is aborted.

Recommended Response Action: Obtain a new license file with the correct upgrade information.

Category: Audit (LIC = Licensing)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LIC010

Message: Import failed: This license is not for the specified device.

Detailed Description: A license is not imported to the iDRAC when one of the following conditions exists:
1) The license is not for the iDRAC.
2) The target system may not be upgraded to the product class specified by the license (for example, user may not upgrade from an express product class to an enterprise product class).

Recommended Response Action: Verify this system may be upgraded to the product class specified by the license. If this system cannot be upgraded to the product class specified, obtain a new license file.

Category: Audit (LIC = Licensing)
<table>
<thead>
<tr>
<th><strong>Severity</strong></th>
<th>Severity 2 (Warning)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LIC011**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>A non-evaluation license cannot be replaced with an evaluation license.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>License Manager does not allow the replacement of a non-evaluation license with an evaluation license.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>To replace a non-evaluation license, first delete the non-evaluation license, then import the evaluation license.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LIC012**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The license file does not exist.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This error may occur if: 1) The license was deleted by another user. 2) The license that is being imported may have been deleted from the temporary storage before the import operation completed. 3) At start-up, License Manager does not find the license assigned to the device. This may occur if a power outage occurs before a license delete operation completes.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Re-import the license.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**LIC013**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>These license features are not supported by this firmware version.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The license includes features not supported in this firmware release.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Update the firmware to the latest version.</td>
</tr>
</tbody>
</table>
Category: Audit (LIC = Licensing)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

LIC014

Message: Multiple backup or restore operations have been simultaneously attempted on the License Manager database.

Detailed Description: An attempt to lock the License Manager database for Lifecycle Controller backup or restore occurred when the License Manager database was already locked. This may occur when two or more users attempt to do a backup or restore operation simultaneously.

Recommended Response Action: Repeat the Lifecycle Controller backup or restore operation.

Category: Audit (LIC = Licensing)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC015

Message: The License Manager database restore operation failed.

Detailed Description: This error occurs when the Lifecycle Controller restore operation is interrupted before it completes. This can occur due to a power outage or when a system is rebooted before the operation is completed.

Recommended Response Action: Repeat the Lifecycle Controller restore operation. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category: Audit (LIC = Licensing)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

LIC016

Message: The feature dependencies of the license are not met.
**LIC017**

**Message**
The license file is corrupted, has not been unzipped, or is not a valid license file.

**Detailed Description**
This error can occur when the license file: 1) Signature is not valid. 2) Data is not in the correct format. 3) Missing needed data. 4) Contains unknown data. 5) Has not been unzipped.

**Recommended Response Action**
Download the license file, unzip and import the license.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**LIC018**

**Message**
The license is already imported.

**Detailed Description**
The license is already imported on the system and does not need to be reimported.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**LIC019**

**Message**
A leased license may not be imported prior to its start date.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>A leased license may not be imported prior to the actual start date of the license.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Import the license on or after the license start date.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**LIC020**

<table>
<thead>
<tr>
<th>Message</th>
<th>Import failed: End User License Agreement (EULA) import upgrade warning.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Importing an upgrade license without a base license is not allowed, as it may be a violation of the license EULA agreement. If the base license was deleted, the system allows the user to override the warning by invoking the import override option.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>If the base license was deleted, override the warning by invoking the import override option.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**LIC021**

<table>
<thead>
<tr>
<th>Message</th>
<th>Import failed: The features contained in the evaluation license are already licensed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>All the features in the evaluation license are currently licensed in the system. The license is not imported as it would duplicate existing and active licensed features.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Remove the license(s) that contain the license set from the evaluation license.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (LIC = Licensing)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

**LIC022**

| Message | License Manager database locked due to ongoing backup and restore operation. |
License Manager database is locked while a backup and restore operation is in progress. License import/export/delete operations are not allowed but a user can view license information.

Wait until the backup or restore operation completes and try again.

Audit (LIC = Licensing)
Severity 3 (Informational)
Alert
No alerts are applicable for this message

License operation did not complete successfully because the device is turned on.
The License can not be installed, deleted or replaced when the device is on.

Turn off the respective device and retry the License operation.

Audit (LIC = Licensing)
Severity 2 (Warning)
Alert
No alerts are applicable for this message

License arg1 assigned to device arg2 expires in arg3 days.

This license is going to expire. An expired license could result in the loss of functionality that is specific to the features supported by the license.

Purchase a new license to prevent interruption of licensed features.

Audit (LIC = Licensing)
Severity 2 (Warning)
8514
Alert
### LIC202

**Message**
A system error was detected during License Manager startup.

**Detailed Description**
This error can occur when: 1) Platform table has invalid value for default license feature set and permissible license upgrade path. In this case, the system sets the default licensed feature set to Basic Management and does not restrict the license upgrade path. 2) License Manager fails to load due to lack of system resources.

**Recommended Response Action**
Reset iDRAC.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<tbody>
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<td>✔*</td>
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<tr>
<td>CMC</td>
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</tr>
</tbody>
</table>

### LIC203

**Message**
The license arg1 has encountered an error.

**Arguments**
arg1 = entitlement ID

**Detailed Description**
Signature verification failed due to an error in the saved license file.

**Recommended Response Action**
Delete and re-import the license file.
**Category**: Audit (LIC = Licensing)
**Severity**: Severity 1 (Critical)
**Trap/EventID**: 8513
**Redfish Event Type**: Alert

<table>
<thead>
<tr>
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<td>CMC</td>
<td>✔️*</td>
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</tr>
</tbody>
</table>

**LIC204**

**Message**: The License Manager database restore operation failed.
**Detailed Description**: This error occurs when the Lifecycle Controller restore operation is interrupted before it completes. This can occur due to a power outage or when the iDRAC is reset while the restore operation is in progress.
**Recommended Response Action**: Repeat the Lifecycle Controller restore operation. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

**Category**: Audit (LIC = Licensing)
**Severity**: Severity 1 (Critical)
**Redfish Event Type**: Alert

<table>
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</table>

**LIC205**

**Message**: License Manager database lock timeout has been exceeded.
Detailed Description
The License Manager sets a maximum time period that its database may be locked. If that timeout exceeds, it releases the lock conditions and reports the error. The user must assume that the Lifecycle Controller backup or restore operation failed and should repeat the operation.

Recommended Response Action
Repeat the backup or restore operation.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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LIC206

Message
EULA warning: Importing license arg1 may violate the End-User License Agreement.

Arguments
arg1 = entitlement ID

Detailed Description
The license was imported after the user overrode EULA warning.

Recommended Response Action
Remove the license if the import violates the EULA.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

Trap/EventID
8514

Redfish Event Type
Alert

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<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
**LIC207**

**Message**  
License arg1 on device arg2 has expired.

**Arguments**  
arg1 = entitlement ID, arg2 = device name

**Detailed Description**  
The license has expired. This could result in the loss of functionality that is specific to the features supported by the license.

**Recommended Response Action**  
Obtain and import a replacement license.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
8514

**Redfish Event Type**  
Alert

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<td>✔*</td>
</tr>
</tbody>
</table>

---

**LIC208**

**Message**  
License arg1 imported to device arg2 successfully.

**Arguments**  
arg1 = entitlement ID, arg2 = device name

**Detailed Description**  
A license was successfully imported.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (LIC = Licensing)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
8515
LIC209

Message
License arg1 exported from device arg2 successfully.

Arguments
arg1 = entitlement ID, arg2 = device name

Detailed Description
A license was successfully exported.

Recommended Response Action
No response action is required.

Category
Audit (LIC = Licensing)

Severity
Severity 3 (Informational)

Trap/EventID
8515

Redfish Event Type
Alert

LIC210

Message
License arg1 deleted from device arg2 successfully.

Arguments
arg1 = entitlement ID, arg2 = device name
A license was successfully deleted.

No response action is required.

Audit (LIC = Licensing)

Severity 3 (Informational)

8515

Alert

The iDRAC feature set has changed.

License import/delete/expiration resulted in a feature set change.

No response action is required.

Audit (LIC = Licensing)

Severity 3 (Informational)

8515

Alert
**LIC212**

**Message**
The CMC features are changed.

**Detailed Description**
The features are updated because the license was imported or deleted, or the license has expired.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8515

**Redfish Event Type**
Alert

<table>
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<td>✔</td>
<td>✔</td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>

**LIC213**

**Message**
A system error was detected during License Manager startup.

**Detailed Description**
This error can occur when: 1) License Manager fails to load due to lack of system resources.

**Recommended Response Action**
Reset CMC.

**Category**
Audit (LIC = Licensing)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8513

**Redfish Event Type**
Alert

<table>
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<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
LIC501

Message
A required license is missing or expired.

Detailed Description
The attempted action requires a valid license for certain advanced features installed in the system but the required license is missing or expired.

Recommended Response Action
Obtain an appropriate license then try again. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

LIC502

Message
Features not available.

Detailed Description
The attempted features are not available in the system.

Recommended Response Action
Contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.

Category
Audit (LIC = Licensing)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

LIC503

Message
Unable to complete the current operation. The currently installed license does not support the following features: \textit{arg1}.

Arguments
\textit{arg1} = licensable features

Detailed Description
The currently installed license does not support the feature for the requested operation. The operation requires a valid license to enable specific features in the system. Since the required license is missing or expired, the features that are being accessed during the operation are disabled.
<table>
<thead>
<tr>
<th>LIC900</th>
<th>Message</th>
<th>The command was successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>The operation was successful.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td></td>
<td>Category</td>
<td>Configuration (LIC = Licensing)</td>
</tr>
<tr>
<td></td>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td></td>
<td>Redfish Event Type</td>
<td>Alert</td>
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<td></td>
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<table>
<thead>
<tr>
<th>LIC901</th>
<th>Message</th>
<th>Invalid parameter value for arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arguments</td>
<td>arg1 = parameter</td>
</tr>
<tr>
<td></td>
<td>Detailed Description</td>
<td>The value provided for the specified parameter is invalid.</td>
</tr>
<tr>
<td></td>
<td>Recommended Response Action</td>
<td>To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td></td>
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<td>Configuration (LIC = Licensing)</td>
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<table>
<thead>
<tr>
<th>LIC902</th>
<th>Message</th>
<th>Resource allocation failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Detailed Description</td>
<td>Unable to allocate the resource because of lack of memory or file space in the iDRAC.</td>
</tr>
</tbody>
</table>
### LIC903

**Message**
> Missing parameters \texttt{arg1}.

**Arguments**
\texttt{arg1} = parameters

**Detailed Description**
One or more parameters were not specified for the invoked method.

**Recommended Response Action**
To provide the correct parameters, see Lifecycle Controller-Remote Services documentation.

### LIC904

**Message**
> Could not connect to network share.

**Detailed Description**
The network share is not accessible from the iDRAC.

**Recommended Response Action**
Verify the network share connection and retry the operation.

### LIC905

**Message**
The LicenseName value cannot exceed 64 characters.

**Detailed Description**
The LicenseName value is greater than the allowed max length of 64.
**LIC906**

**Message**
License file is not accessible on the network share.

**Detailed Description**
The license file is not present or accessible from the network share location.

**Recommended Response Action**
Verify the license file is located on the network share and file access permissions are correct, then retry the operation.

**Category**
Configuration (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert

*No alerts are applicable for this message*

**LIC907**

**Message**
Unable to perform the operation due to an unknown error in iDRAC.

**Detailed Description**
The operation did not complete successfully because of lack of an unknown error in the iDRAC.

**Recommended Response Action**
Retry the operation. If the issue persists, reset the iDRAC.

**Category**
Configuration (LIC = Licensing)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert

*No alerts are applicable for this message*
LNK Event Messages

LNK0001

Message: Network share name unavailable.
Detailed Description: The entered network share name is not valid.
Recommended Response Action: Enter a valid network share name and retry the operation. For more information, see Lifecycle Controller Users Guide.
Category: System Health (LNK = Link Status)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC ✔️
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC ✔️
CMC

LNK0002

Message: Unable to resolve host name.
Detailed Description: The DNS query did not complete successfully. This may be because the connection timed out due to an incorrect host name or a DNS server configuration issue.
Recommended Response Action: Do the following: 1) Verify host name entered is valid and retry the operation. 2) If the issue persists, verify the DNS server settings are configured properly to resolve the host name.
Category: System Health (LNK = Link Status)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
LNK0003

**Message**
Unable to connect to the DNS server.

**Detailed Description**
Cannot connect to the DNS server because of network issues or there is no response from the DNS server.

**Recommended Response Action**
Verify that the server is connected to the network and retry the operation.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

LNK0004

**Message**
Unable to connect to FTP server.

**Detailed Description**
Unable to connect to FTP server due to a network error.

**Recommended Response Action**
Check the network connection, network configuration settings, and retry. If the problem persists, restart the FTP server.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)
**LNK0005**

**Message**
Unable to connect to DHCP server.

**Detailed Description**
Error occurred while communicating with the DHCP server because the network settings are not configured correctly or the DHCP server could not be contacted.

**Recommended Response Action**
Verify if the network cable is connected and network configuration settings are correct, and retry the operation. If the problem persists, update the network interface controller (NIC) firmware to the latest version and retry the operation.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**LNK2700**

**Message**
The \texttt{arg1} network link is down.

**Arguments**
\texttt{arg1} = name

**Detailed Description**
CMC has lost network connection.
**Recommended Response Action**
Check network cable and network connections.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2249

**Redfish Event Type**
Alert

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**LNK2701**

**Message**
The arg1 network link is up.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2251

**Redfish Event Type**
Alert

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### LNK8500

**Message**
Unable to connect the server in slot \( arg1 \) to the IOM in slot \( arg2 \) port \( arg3 \), because the IOM port is down.

**Arguments**
\( arg1 = \) slot id, \( arg2 = \) IOM slot id, \( arg3 = \) IOM port id

**Detailed Description**
The server identified in the message could not be successfully connected to the external network, because the network connection is not functional.

**Recommended Response Action**
Do one of the following, and then retry the operation: 1) Check whether or not the external network cable is functioning. 2) Reinstall or replace network cable of the IOM and port identified in the message.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2250

**Redfish Event Type**
Alert

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### LNK8501

**Message**
The network connection of server in slot \( arg1 \) IOM in slot \( arg2 \) port \( arg3 \) is restarted.

**Arguments**
\( arg1 = \) slot id, \( arg2 = \) IOM slot id, \( arg3 = \) IOM port id

**Detailed Description**
The network connection of the identified server to the external network is restored.

**Recommended Response Action**
No response action is required.

**Category**
System Health (LNK = Link Status)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2251

**Redfish Event Type**
Alert
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## LOG Event Messages

### LOG001

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Missing required InstanceID or JobID parameter.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>One or more required parameters needed for the method invoked in the operation are missing.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
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<td><strong>Redfish Event Type</strong></td>
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</tr>
</tbody>
</table>

No alerts are applicable for this message

### LOG002

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<tr>
<th><strong>Message</strong></th>
<th>Invalid parameter value for InstanceID.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The value provided for the specified parameter is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (LOG = Log event)</td>
</tr>
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</table>

No alerts are applicable for this message

### LOG003

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<tr>
<th><strong>Message</strong></th>
<th>ConfigResults not available for log entry specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The log entry with the specified InstanceID does not have any associated configuration results.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Verify the ConfigResults availability for the InstanceID through enumeration of the LogEntry class and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (LOG = Log event)</td>
</tr>
<tr>
<td>----------</td>
<td>---------------------------------</td>
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</table>

No alerts are applicable for this message

**LOG004**

<table>
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<tr>
<th>Message</th>
<th>Resource allocation failure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation did not complete successfully because of lack of memory or file space in iDRAC firmware.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reset iDRAC and retry the operation.</td>
</tr>
</tbody>
</table>

**LOG005**

<table>
<thead>
<tr>
<th>Message</th>
<th>Cannot perform the operation due to an unknown error in iDRAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation did not complete successfully because of an unknown error in iDRAC.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation. If the issue persists, reset the iDRAC.</td>
</tr>
</tbody>
</table>

**LOG006**

<table>
<thead>
<tr>
<th>Message</th>
<th>Test event generated for message ID arg1.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = message ID</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>This message is generated while performing a Test Event action. Performing a Test Event action logs an event in the Lifecycle Log with the user specified message ID. It may also generate events through SNMP, email, or other event notification sources if they are enabled. The test event does not indicate that there is a</td>
</tr>
</tbody>
</table>
hardware or software problem. It provides a mechanism for users to test their event processing applications.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LOG = Log event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

**Message**
The previous log entry was repeated \( \text{arg1} \) times.

**Arguments**
\( \text{arg1} = \) log entry count

**Detailed Description**
This message is generated after a series of sequential duplicate events. Log entry count is the number of times the previous message was repeated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (LOG = Log event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Notes**

819
LOG008

Message  The complete Lifecycle Log was successfully created for an export operation.
Detailed Description  The complete Lifecycle Log was successfully created for a requested export operation.
Recommended Response Action  No response action is required.
Category  Audit (LOG = Log event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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LOG201

Message  Recovered from Lifecycle Controller Log corruption.
Detailed Description  Lifecycle Controller Log corruption was detected during iDRAC boot. The Lifecycle Controller Log was truncated at the point of corruption.
Recommended Response Action  No response action is required.
Category  Configuration (LOG = Log event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

LOG202

Message  Recovered from Lifecycle Controller Log comments file corruption.
Detailed Description  Unable to access part of Lifecycle Controller Log comments file during iDRAC boot. The file was truncated at the point of corruption.
LOG203

Message: Lifecycle Log archived up to Log Sequence number arg1.

Arguments: arg1 = seq num

Detailed Description: This message is generated while archiving Lifecycle Log. All the older messages are archived and can be retrieved using the export Lifecycle Log feature.

Recommended Response Action: No response action is required.

Category: Audit (LOG = Log event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC ✔

CMC

LOG204

Message: Lifecycle Log archive operation did not complete.

Detailed Description: The archive operation did not complete. 10% of the events from the cache will be dropped to make space for new events.

Recommended Response Action: No response action is required.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
LOG300

Message
The system recovered from Chassis Log file corruption.

Detailed Description
The system recovered from Chassis Log file corruption. Some log entries may not be recovered.

Recommended Response Action
No response action is required.

Category
Configuration (LOG = Log event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

LOG302

Message
The Chassis Log file header is corrupted.

Detailed Description
The Chassis Log file header is corrupted. The Chassis Log will be recreated and all current log entries will not be preserved.

Recommended Response Action
No response action is required.

Category
Configuration (LOG = Log event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

LOG303

Message
Unable to archive the Chassis Log file.

Detailed Description
Unable to rename current Chassis Log file during archive operation. Some log entries may be lost.
LOG305

Recommended Response Action: No response action is required.

Category: Configuration (LOG = Log event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

LOG305

Message: The Chassis Log file was cleared.

Detailed Description: The Chassis Log file was cleared as a result of clear log operation.

Recommended Response Action: No response action is required.

LOG320


Arguments: arg1 = log type

Detailed Description: The hardware log in the system is disabled. The log type information is provided.

Recommended Response Action: No response action is required.

Category: Audit (LOG = Log event)

Severity: Severity 2 (Warning)

OMSA Event ID: 5550

Redfish Event Type: Alert

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823
LOG321

Message
The log status is unknown. Log type: \textit{arg1}.

Arguments
\textit{arg1} = log type

Detailed Description
The hardware log may not be up-to-date. The log type information is provided.

Recommended Response Action
Make sure that iDRAC is functioning correctly.

Category
System Health (LOG = Log event)

Severity
Severity 3 (Informational)

OMSA Event ID
5551

Redfish Event Type
Alert

LOG322

Message
The log size is no longer near the maximum capacity. Log type: \textit{arg1}.

Arguments
\textit{arg1} = log type

Detailed Description
The hardware log in the system is no longer near its maximum capacity. The log type information is provided.

Recommended Response Action
No response action is required.

Category
System Health (LOG = Log event)

Severity
Severity 3 (Informational)

OMSA Event ID
5552
**LOG323**

**Message**
The log size is near maximum capacity. Log type: `arg1`.

**Arguments**
`arg1` = log type

**Detailed Description**
The size of a hardware log in the system is near its maximum capacity. The log type information is provided.

**Recommended Response Action**
Clear the log to make sure new entries are recorded.

**Category**
System Health (LOG = Log event)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5553

**OMSA Trap ID**
5553

**Redfish Event Type**
Alert

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**LOG324**

**Message**
The log size has reached its maximum capacity. Log type: `arg1`.

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Arguments

**arg1** = log type

**Detailed Description**
The size of a hardware log in the system has reached its maximum capacity. The log type information is provided.

**Recommended Response Action**
Clear the log to make sure new entries are recorded.

**Category**
System Health (LOG = Log event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5554

**OMSA Trap ID**
5554

**Redfish Event Type**
Alert

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**LOG325**

**Message**
Unable to receive any log entries. Log type: **arg1**.

**Arguments**

**arg1** = log type

**Detailed Description**
Unable to receive any log entries, and therefore log status cannot be monitored. The log type information is provided.

**Recommended Response Action**
Make sure that iDRAC is functioning correctly.

**Category**
System Health (LOG = Log event)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5555

**Redfish Event Type**
Alert

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LOG326

Message: The Alert Log was cleared.
Detailed Description: The Alert Log was cleared.
Recommended Response Action: No response action is required.
Category: Audit (LOG = Log event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

LOG327

Message: An Alert Log backup was created.
Detailed Description: An Alert Log backup was created.
Recommended Response Action: No response action is required.
Category: Audit (LOG = Log event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
LOG328

Message
The Server Based Management Mode is enabled.

Detailed Description
The Server Based Management Mode is enabled. Chassis based PSUs, fans, and sensor information can be displayed from server based system management tools.

Recommended Response Action
No response action is required.

Category
Audit (LOG = Log event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

LOG329

Message
The Server Based Management Mode is disabled.

Detailed Description
The Server Based Management Mode is disabled. Chassis based PSUs, fans, and sensor information will not be displayed from server based system management tools.

Recommended Response Action
No response action is required.

Category
Audit (LOG = Log event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**LOG501**

**Message**
Unable to run the command because of a general issue.

**Detailed Description**
The command cannot be run because a general issue occurred.

**Recommended Response Action**
Retry the operation. If the issue persists, reset the CMC, and then retry the operation.

**Category**
Configuration (LOG = Log event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**LOG502**

**Message**
Unable to run the command because the method parameter `arg1` is missing.

**Arguments**
`arg1` = parameter

**Detailed Description**
The command cannot be run because the method parameter identified in the message is missing.

**Recommended Response Action**
Enter all the parameters required in the command, and then retry the operation. For more information, see the Chassis Record Log Profile.

**Category**
Configuration (LOG = Log event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**LOG503**

**Message**
Unable to run the method because the parameter arg1 is not valid.

**Arguments**
arg1 = parameter

**Detailed Description**
The command cannot be run because the value of the parameter identified in the message is not valid.

**Recommended Response Action**
Enter all the parameters required in the command as per the enumeration, and then retry the operation. For more information, see the Chassis Record Log Profile.

**Category**
Configuration (LOG = Log event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LOG504**

**Message**
Chassis Log Export was successful.

**Detailed Description**
The Chassis Log was successfully exported to the destination specified.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (LOG = Log event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**LOG505**

**Message**
Unable to access the network share.

**Detailed Description**
The network share access cannot be accessed.

**Recommended Response Action**
Make sure that correct network share access credentials are entered (such as IP address, username, password, and share type). For more information, see the Chassis Record Log Profile.

**Category**
Configuration (LOG = Log event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
LOG506

Message: Unable to start the requested operation because the ExportChassisLog operation is already running.

Detailed Description: The requested operation cannot be started because the ExportChassisLog operation is already running.

Recommended Response Action: Wait for the current ExportChassisLog operation to complete and then retry the operation. If the issue persists, contact your service provider.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

LOG507

Message: Unable to allocate required CMC resources.

Detailed Description: The operation did not complete successfully because of lack of memory or file space in the CMC.

Recommended Response Action: Reset the CMC and retry the operation.

Category: Configuration (LOG = Log event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message.

LOG508

Message: Unable to write to the network share.

Detailed Description: The network share may be read-only or it may not have sufficient space for the export operation.

Recommended Response Action: Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.
LOG509

Message: Unable to run the command because the parameter value of \texttt{arg1} exceeds the maximum allowed number of \texttt{arg2} characters.

Arguments: \texttt{arg1} = parameter name, \texttt{arg2} = max parameter length

Detailed Description: The command cannot be run because the value of the parameter identified in the message exceeds the maximum length identified in the message.

Recommended Response Action: Enter a value for the parameter identified in the message that is equal to or less than the maximum allowed characters.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

LOG510

Message: Unable to complete the operation because of an unknown issue in the CMC.

Detailed Description: The operation cannot be completed because of an unknown issue.

Recommended Response Action: Retry the operation. If the issue persists, reset CMC and then retry the operation.

Category: Configuration (LOG = Log event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
MEM Event Messages

MEM0000

Message: Persistent correctable memory errors detected on a memory device at location(s) arg1.
Arguments: arg1 = location
Detailed Description: The memory is operational. This is an early indicator of a possible future uncorrectable error.
Recommended Response Action: Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (MEM = Memory)
Severity: Severity 2 (Warning)
Trap/EventID: 2266
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | ✔ | | | | | |
CMC | | | | | | | |

MEM0001

Message: Multi-bit memory errors detected on a memory device at location(s) arg1.
Arguments: arg1 = location
Detailed Description: The memory has encountered a uncorrectable error. System performance may be degraded. The operating system and/or applications may fail as a result.
Recommended Response Action: Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
LCD Message: Multi-bit memory error on <location>. Reseat memory

Redfish Event Type: Alert

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**MEM0002**

Message: Parity memory errors detected on a memory device at location arg1.

Arguments: arg1 = location

Detailed Description: The memory is operational. This is an early indicator of a possible future uncorrectable error.

Recommended Response Action: Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
Redfish Event Type: Alert

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MEM0003

Message  Stuck bit memory error detected on a memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory is operational. This is an early indicator of a possible future uncorrectable error.
Recommended Response Action  Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
Redfish Event Type  Alert

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MEM0004

Message  Memory device at location arg1 is disabled.
Arguments  arg1 = location
Detailed Description  The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.
Recommended Response Action  Re-install the memory component. Review product documentation for supported memory configurations. If the problem continues, contact support.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
Redfish Event Type  Alert
MEM0005

Message  Persistent correctable memory error limit reached for a memory device at location(s) arg1.

Arguments  arg1 = location

Detailed Description  The memory is operational. This is an early indicator of a possible future uncorrectable error.

Recommended Response Action  Re-install the memory component. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  System Health (MEM = Memory)

Severity  Severity 1 (Critical)

Trap/EventID  2265

LCD Message  Persistent correctable memory error limit reached for <location>. Reseat memory.

Redfish Event Type  Alert

MEM0006

Message  Memory device at location arg1 is present.

Arguments  arg1 = location
MEM0007

Message
Unsupported memory configuration; check memory device at location arg1.

Arguments
arg1 = location

Detailed Description
The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

Recommended Response Action
Review product documentation for supported memory configurations

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

 Trap/EventID
2265

 LCD Message
Unsupported memory configuration. Check memory <location>.

Redfish Event Type
Alert

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837
### MEM0008

**Message**  
Memory device at location `arg1` is spare memory.

**Arguments**  
`arg1` = location

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (MEM = Memory)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2267

**Redfish Event Type**  
Alert

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### MEM0009

**Message**  
Memory device at location `arg1` is throttled.

**Arguments**  
`arg1` = location

**Detailed Description**  
System performance is degraded.

**Recommended Response Action**  
If unexpected, review system logs for power or thermal exceptions.

**Category**  
System Health (MEM = Memory)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2266
**MEM0010**

**Message**
Memory device at location `arg1` is overheating.

**Arguments**
`arg1` = location

**Detailed Description**
System performance is degraded.

**Recommended Response Action**
If unexpected, review system logs for power or thermal exceptions.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory device <location> is overheating. Check fans

**Redfish Event Type**
Alert

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**MEM0016**

**Message**
Memory device at location(s) `arg1` is operating correctly.

**Arguments**
`arg1` = location
MEM0020

Message: Memory device at location arg1 is enabled.

Arguments: arg1 = location

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔️ | ✔️ | ✔️ | ✔️ | ✔️ | ✔️
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔️ | ✔️ | ✔️ | ✔️ | ✔️ | ✔️
CMC

840
MEM0021

Message
Persistent correctable memory error limit reset for a memory device at location arg1.

Arguments
arg1 = location

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
Alert

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MEM0022

Message
Memory device at location arg1 is absent.

Arguments
arg1 = location

Detailed Description
The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

Recommended Response Action
If unexpected, check presence, then re-install.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

Redfish Event Type
Alert
MEM0024

Message: Memory device at location arg1 is no longer spare memory.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267
Redfish Event Type: Alert

MEM0600

Message: Memory device was added at location arg1.
Arguments: arg1 = location
Detailed Description: None
MEM0601

Message
Memory device is removed from location arg1.

Arguments
arg1 = location

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter
Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
✔*

CMC
MEM0700

Message
The persistent correctable memory error rate is at normal levels for a memory device at location arg1.

Arguments
arg1 = location

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
Alert

Filter Visibility

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MEM0701

Message
Correctable memory error rate exceeded for arg1.

Arguments
arg1 = location

Detailed Description
The memory may not be operational. This an early indicator of a possible future uncorrectable error.

Recommended Response Action
Re-install the memory component. If the problem continues, contact support.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Trap/EventID
2266

Redfish Event Type
Alert
MEM0702
Message: Correctable memory error rate exceeded for arg1.
Arguments: arg1 = location
Detailed Description: The memory may not be operational. This an early indicator of a possible future uncorrectable error.
Recommended Response Action: Re-install the memory component. If the problem continues, contact support.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
LCD Message: Correctable memory error rate exceeded for <location>. Reseat memory.
Redfish Event Type: Alert

MEM1000
Message: Memory device at location arg1 transition to a running state.
Arguments: arg1 = location
Detailed Description: None
**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**LC Log**
Memory device at location arg1 failed to transition to a running state.

**Message**
Memory device at location arg1 failed to transition to a running state.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**LCD Message**
Memory device <location> failed to transition to a running state. Reseat memory

**Redfish Event Type**
Alert

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**LC Log**
Memory device at location arg1 failed to transition to a running state.

**Message**
Memory device at location arg1 failed to transition to a running state.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**LCD Message**
Memory device <location> failed to transition to a running state. Reseat memory

**Redfish Event Type**
Alert

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**MEM1002**

**Message**
Memory device at location `arg1` is in test.

**Arguments**
`arg1 = location`

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

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**iDRAC**

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**MEM1003**

**Message**
Memory device at location `arg1` failed to transition to in test.

**Arguments**
`arg1 = location`

**Detailed Description**
None

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

**Redfish Event Type**
Alert
MEM1004

Message  Memory device at location arg1 is powered off.
Arguments  arg1 = location
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert

MEM1005

Message  Memory device at location arg1 failed to power off.
Arguments  arg1 = location
Detailed Description  None
**Recommended Response Action**
Re-attempt memory removal process

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**Redfish Event Type**
Alert

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**MEM1006**

**Message**
Memory device at location arg1 is online.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

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MEM1007

Message          Memory device at location arg1 failed to transition to online.
Arguments        arg1 = location
Detailed Description None
Recommended Response Action Re-attempt memory removal process
Category         System Health (MEM = Memory)
Severity         Severity 1 (Critical)
Trap/EventID     2265
Redfish Event Type Alert

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MEM1008

Message          Memory device at location arg1 is offline.
Arguments        arg1 = location
Detailed Description None
Recommended Response Action No response action is required.
Category         System Health (MEM = Memory)
Severity         Severity 3 (Informational)
Trap/EventID     2267
Redfish Event Type Alert
### MEM1009

**Message**
Memory device at location arg1 failed to transition to offline.

**Arguments**
arg1 = location

**Detailed Description**
None

**Recommended Response Action**
Re-attempt memory removal process

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**Redfish Event Type**
Alert

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### MEM1010

**Message**
Memory device at location arg1 is off-duty.

**Arguments**
arg1 = location

**Detailed Description**
None

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851
Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
Alert

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MEM1011

Message
Memory device at location arg1 is on-duty.

Arguments
arg1 = location

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Trap/EventID
2267

Redfish Event Type
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MEM1012

Message: Memory device at location arg1 is in a degraded state.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: Re-install the memory component. If the problem continues, contact support.
Category: System Health (MEM = Memory)
Severity: Severity 2 (Warning)
Trap/EventID: 2266
Redfish Event Type: Alert

MEM1013

Message: Memory device at location arg1 is in a full state.
Arguments: arg1 = location
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267
Redfish Event Type: Alert
MEM1014

Message  Memory device at location arg1 is in a power save state.
Arguments  arg1 = location
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert

MEM1015

Message  Memory device at location arg1 is in a power active state.
Arguments  arg1 = location
Detailed Description  None
**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert

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**MEM1016**

**Message**
Memory device at location arg1 is not installed correctly.

**Arguments**
arg1 = location

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed. Memory size is reduced.

**Recommended Response Action**
Re-install the memory component. If the problem continues, contact support.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Memory <location> is not installed correctly. Re-install

**Redfish Event Type**
Alert

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<th>Email Alert</th>
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MEM1017

Message  Memory device at location arg1 is installed correctly.
Arguments  arg1 = location
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert

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MEM1200

Message  Memory RAID is redundant.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert

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MEM1201

Message  Memory RAID redundancy is lost. Check memory device at location(s) `arg1`.
Arguments  `arg1` = location
Detailed Description  None
Recommended Response Action  Re-install the memory component. If the problem continues, contact support.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
LCD Message  Memory RAID lost on `<location>`. Power cycle system
Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC  ✔  ✔  ✔  ✔  ✔  ✔
CMC

MEM1202

Message  Memory RAID redundancy is degraded. Check memory device at location(s) `arg1`.
Arguments  `arg1` = location
Detailed Description  None
Recommended Response Action  Re-install the memory component. If the problem continues, contact support.
Category  System Health (MEM = Memory)
Severity  Severity 2 (Warning)
MEM1203

Message: Memory is not redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (MEM = Memory)
Severity: Severity 3 (Informational)
Trap/EventID: 2267
Redfish Event Type: Alert

MEM1204

Message: Memory mirror is redundant.
Detailed Description: None
MEM1205

Message  Memory mirror redundancy is lost. Check memory device at location(s) arg1.
Arguments  arg1 = location
Detailed Description  The memory may not be seated correctly, misconfigured, or has failed.
Recommended Response Action  Review system logs for memory exceptions. Re-install memory at location <location>.
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
LCD Message  Memory mirror lost on <location>. Power cycle system
Redfish Event Type  Alert

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859
MEM1206

Message  Memory mirror redundancy is degraded. Check memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The memory may not be seated correctly, misconfigured, or has failed.
Recommended Response Action  Review system logs for memory exceptions. Re-install memory at location <location>
Category  System Health (MEM = Memory)
Severity  Severity 2 (Warning)
Trap/EventID  2266
Redfish Event Type  Alert

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MEM1207

Message  Memory spare is redundant.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
Trap/EventID  2267
Redfish Event Type  Alert

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MEM1208

Message  Memory spare redundancy is lost. Check memory device at location arg1.
Arguments  arg1 = location
Detailed Description  The assigned spare is no longer available.
Recommended Response Action  Review system logs for memory exceptions. Re-install memory at location <location>
Category  System Health (MEM = Memory)
Severity  Severity 1 (Critical)
Trap/EventID  2265
LCD Message  Memory spared lost on <location>. Power cycle system
Redfish Event Type  Alert

MEM1209

Message  Memory spare redundancy is degraded. Check memory device at location arg1.
Arguments  arg1 = location
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (MEM = Memory)
Severity  Severity 3 (Informational)
### MEM1210

**Message**

Memory is redundant.

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (MEM = Memory)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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### MEM1212

**Message**

Memory redundancy is lost.

**Detailed Description**

The memory may not be seated correctly, misconfigured, or has failed.

**Recommended Response Action**

Review system logs for memory exceptions. Re-install memory at location

<location>
**MEM1214**

**Message**
Memory redundancy is degraded.

**Detailed Description**
The memory may not be seated correctly, misconfigured, or has failed.

**Recommended Response Action**
Review system logs for memory exceptions. Re-install memory at location `<location>`

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2266

**Redfish Event Type**
Alert

---

**MEM6000**

**Message**
Memory device monitoring is disabled.
**Detailed Description**
The memory module may not be correctly seated, wrongly configured, or has failed.

**Recommended Response Action**
Review the Embedded System Management (ESM) Log for memory exceptions. Reinstall the memory modules.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5400

**Redfish Event Type**
Alert

---

**MEM6001**

**Message**
Memory device status is unknown. Memory device location: arg1, Possible memory module event cause: arg2.

**Arguments**
arg1 = location, arg2 = cause

**Detailed Description**
The memory module may not be correctly seated, wrongly configured, or has failed.

**Recommended Response Action**
Review the Embedded System Management (ESM) Log for memory exceptions. Reinstall the memory modules at the identified location.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5401

**Redfish Event Type**
Alert
### MEM6002

**Message**  
Memory device status is normal. Memory device location: \textit{arg1}.

**Arguments**  
\textit{arg1} = location

**Detailed Description**  
The memory device identified in the message has returned to a normal state.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (MEM = Memory)

**Severity**  
Severity 3 (Informational)

**OMSA Event ID**  
5402

**OMSA Trap ID**  
5402

**Redfish Event Type**  
Alert

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### MEM6003

**Message**  
Memory device status is non-critical. Memory device location: \textit{arg1}, Possible memory module event cause: \textit{arg2}.

**Arguments**  
\textit{arg1} = location, \textit{arg2} = cause

**Detailed Description**  
The memory module may not be correctly seated, wrongly configured, or has failed.

**Recommended Response Action**  
Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

**Category**  
System Health (MEM = Memory)
Severity 2 (Warning)

OMSA Event ID 5403
OMSA Trap ID 5403
Redfish Event Type Alert

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**MEM6004**

Message Memory device status is critical. Memory device location: arg1, Possible memory module event cause: arg2.

Arguments arg1 = location, arg2 = cause

Detailed Description The memory module may not be correctly seated, wrongly configured, or has failed.

Recommended Response Action Review the Embedded System Management (ESM) Log for memory exceptions. Re-install the memory modules at the identified location.

Category System Health (MEM = Memory)

Severity Severity 1 (Critical)

OMSA Event ID 5404
OMSA Trap ID 5404
Redfish Event Type Alert

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MEM6005

**Message**
Memory device has failed. Memory device location: \( \text{arg1} \), Possible memory module event cause: \( \text{arg2} \).

**Arguments**
\( \text{arg1} = \text{location} \), \( \text{arg2} = \text{cause} \)

**Detailed Description**
The memory module failed because of an irrecoverable error.

**Recommended Response Action**
Review the Embedded System Management (ESM) Log for memory exceptions.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5405

**OMSA Trap ID**
5405

**Redfish Event Type**
Alert

---

MEM7000

**Message**
The memory riser mismatch was corrected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2267

**Redfish Event Type**
Alert
MEM7002

Message  A hardware mismatch detected for memory riser.

Detailed Description  None

Recommended Response Action  Review product documentation for proper memory riser installation and configuration

Category  System Health (MEM = Memory)

Severity  Severity 1 (Critical)

Trap/EventID  2265

LCD Message  Memory riser mismatch detected. Check memory riser

MEM8000

Message  Correctable memory error logging disabled for a memory device at location arg1.

Arguments  arg1 = location

Detailed Description  Errors are being corrected but no longer logged.
Recommended Response Action: Review system logs for memory exceptions. Re-install memory at location <location>.

Category: System Health (MEM = Memory)

Severity: Severity 1 (Critical)

Trap/EventID: 2265

LCD Message: SBE log disabled on <location>. Reseat memory

Redfish Event Type: Alert

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MEM8001

Message: Persistent correctable memory error logging enabled for a memory device at location arg1.

Arguments: arg1 = location

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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iDRAC

CMC
**MEM8500**

**Message**
Low memory condition detected.

**Detailed Description**
A low memory condition was detected. If this condition continues, a failover or a reset may occur. If multiple resets occur, contact your service provider.

**Recommended Response Action**
If multiple resets occur, contact Service.

**Category**
Audit (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**MEM8501**

**Message**
Low memory warning, arg1 KB, arg2 KB.

**Arguments**
arg1 = total memory size, arg2 = threshold value

**Detailed Description**
A low memory condition was detected. If this condition continues, a failover or a reset may occur.

**Recommended Response Action**
If multiple resets occur, contact your service provider.

**Category**
Audit (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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870
MEM8502

Message: ECC Memory error rate failover condition detected.
Detailed Description: An ECC memory condition was detected on the primary CMC and a failover was initiated.
Recommended Response Action: Reseat the primary CMC and initiate a failover back to the primary CMC. If the problem persists and multiple failovers occur, contact your service provider.
Category: Audit (MEM = Memory)
Severity: Severity 1 (Critical)

MEM9000

Message: Memory interconnect degraded.
Detailed Description: An issue is detected in the propagation of signals between the processor and the memory.
Recommended Response Action: Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.
Category: System Health (MEM = Memory)
Severity: Severity 1 (Critical)
Trap/EventID: 2265
LCD Message: Memory interconnect degraded. Reseat memory riser.
Redfish Event Type: Alert
MEM9001

Message: Memory interconnect is functioning normally.

Detailed Description: The memory interconnect is functioning normally.

Recommended Response Action: No response action is required.

Category: System Health (MEM = Memory)

Severity: Severity 3 (Informational)

LCD Message: Memory interconnect normal.

Redfish Event Type: Alert

MEM9002

Message: Intel QPI interconnect arg1 has a correctable error.

Arguments: arg1 = QPI link number

Detailed Description: A correctable error was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message.
**Recommended Response Action**

Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

**Category**

System Health (MEM = Memory)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2266

**LCD Message**

Intel QPI interconnect <number> has a correctable error.

**Redfish Event Type**

Alert

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**MEM9003**

**Message**

Intel SMI 2 Memory interconnect arg1 has a correctable error.

**Arguments**

arg1 = link number

**Detailed Description**

A correctable error was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

**Recommended Response Action**

Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your services provider.

**Category**

System Health (MEM = Memory)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2266

**LCD Message**

Intel SMI 2 Memory interconnect <number> has a correctable error.

**Redfish Event Type**

Alert

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MEM9004

Message
Intel QPI interconnect *arg1* has degraded.

Arguments
*arg1* = QPI link number

Detailed Description
A link degradation was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message. The system will continue to operate at reduced performance.

Recommended Response Action
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel QPI interconnect <number> has degraded. Reseat processor.

Redfish Event Type
Alert

MEM9005

Message
Intel SMI 2 Memory interconnect *arg1* has degraded.

Arguments
*arg1* = link number

Detailed Description
A link degradation was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response Action
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.
**MEM9006**

**Message**
Intel QPI interconnect *arg1* has a non-recoverable issue.

**Arguments**
*arg1* = QPI link number

**Detailed Description**
A non-recoverable link issue was detected in propagation of signals between processors through the Intel QPI interconnect interconnect identified in the message.

**Recommended Response Action**
Do one of the following: 1) Restart the server and check whether the issue persists. 2) If the issue is not resolved by the preceding action, reseat the processors and restart the server. 3) If the issue persists, contact your service provider.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2265

**LCD Message**
Intel QPI interconnect <number> has fatal error. Reseat memory riser.

**Redfish Event Type**
Alert

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875
MEM9007

Message
Intel SMI 2 Memory interconnect arg1 has a non-recoverable issue.

Arguments
arg1 = link number

Detailed Description
A non-recoverable link issue was detected in propagation of signals between processor and memory through the Intel SMI 2 memory interconnect identified in the message.

Recommended Response Action
Do one of the following: 1) Reseat the memory riser and restart the server. 2) If the issue is not resolved by preceding action, reseat the processor and restart the server. 3) If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Trap/EventID
2265

LCD Message
Intel SMI 2 interconnect <number> has fatal error. Reseat mem riser.

Redfish Event Type
Alert

MEM9008

Message
Intel DDR Memory interconnect arg1 has a non-recoverable issue.

Arguments
arg1 = link number

Detailed Description
A non-recoverable issue was detected in propagation of signals on the Intel DDR memory interconnect identified in the message.

Recommended Response Action
Reseat all DIMMs on the memory riser, reseat the memory riser, and restart the server. If the issue persists, contact your service provider.

Category
System Health (MEM = Memory)
Severity: Severity 1 (Critical)

Trap/EventID: 2265

LCD Message: Intel DDR interconnect <number> has fatal error. Reseat mem riser.

Redfish Event Type: Alert

**MEM9009**

Message: Intel DDR Memory interconnect arg1 has a correctable error.

Arguments: arg1 = link number

Detailed Description: A correctable error was detected in the propagation of signals on the Intel DDR memory interconnect identified in the message.

Recommended Response Action: Do the following: 1) Reseat all DIMMs on the memory riser, 2) Reseat the memory riser, and 3) Restart the server. If the issue persists, contact your service provider.

Category: System Health (MEM = Memory)

Severity: Severity 2 (Warning)

Trap/EventID: 2266

LCD Message: Intel DDR interconnect <number> has a correctable error. Reseat mem riser.

Redfish Event Type: Alert
MEM9010

Message
A QuickPath Interconnect (QPI) Reference Code warning message code is logged.

Detailed Description
BIOS logged the major and minor code of a QuickPath Interconnect (QPI) Reference Code warning. This information can be reviewed by using a tool which displays raw IPMI SEL log data such as IPMItool with the -vvv option or RACADM with the -E option.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

MEM9011

Message
QuickPath Interconnect (QPI) Reference Code warning location information is logged.

Detailed Description
BIOS logged location information of a QuickPath Interconnect (QPI) warning. This information can be reviewed by using a tool which displays raw IPMI SEL data such as IPMItool with the -vvv option or RACADM with the -E option.

Recommended Response Action
No response action is required.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

878
MEM9012

**Message**
A Memory Reference Code (MRC) warning code is logged.

**Detailed Description**
BIOS logged the major and minor code of a Memory Reference Code (MRC) warning. This information can be reviewed by using a tool which displays raw IPMI SEL data such as IPMItool with the -vvv option or RACADM with the -E option.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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MEM9013

**Message**
Memory Reference Code (MRC) warning location information is logged.

**Detailed Description**
BIOS logged location information of a Memory Reference Code (MRC) warning. This information can be reviewed by using a tool which displays raw IPMI SEL data such as IPMItool with the -vvv option or RACADM with the -E option.

**Recommended Response Action**
No response action is required.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### MEM9014

**Message**
A correctable memory error has occurred in Dual In-line Memory Module (DIMM) device arg1.

**Arguments**
arg1 = location

**Detailed Description**
The memory device identified in the message has encountered a correctable memory error. This may be an early indicator of a possible future uncorrectable error.

**Recommended Response Action**
This is a correctable error. Review log information and if multiple correctable errors have occurred on the DIMM identified in the message, re-install the memory device. If the issue persists, contact your service provider.

**Category**
System Health (MEM = Memory)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### MEM9015

**Message**
Multi-bit memory errors detected on a Dual In-line Memory Module (DIMM) device arg1.

**Arguments**
arg1 = location
Detailed Description
The memory device identified in the message has encountered a uncorrectable error. System performance may be degraded. The operating system and/or applications may fail as a result.

Recommended Response Action
Re-install the memory component identified in the message. If the issue persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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MEM9016

Message
Correctable memory error rate exceeded for Dual In-line Memory Module (DIMM) arg1.

Arguments
arg1 = location

Detailed Description
The memory device identified in the message may not be operational. This an early indicator of a possible future uncorrectable error.

Recommended Response Action
Re-install the memory component identified in the message. If the issue persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (MEM = Memory)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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NIC Event Messages

NIC001

Message: The command was successful.
Detailed Description: The command was successful.
Recommended Response Action: No response action is required.
Category: Configuration (NIC = NIC Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC002

Message: Resource allocation failure
Detailed Description: Unable to allocate required memory to perform the operation
Recommended Response Action: Power cycle system and reapply firmware packages for Lifecycle Controller and iDRAC.
Category: Configuration (NIC = NIC Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC003

Message: Missing required parameter
Detailed Description: An invalid number of arguments was passed to the method.
Recommended Response Action: Enter all the required command parameters. Check documentation and try again.
Category: Configuration (NIC = NIC Config)
<table>
<thead>
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<tbody>
<tr>
<td><strong>Message</strong></td>
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<tr>
<td><strong>Arguments</strong></td>
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<tr>
<td><strong>Detailed Description</strong></td>
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<tr>
<td><strong>Recommended Response Action</strong></td>
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<tr>
<td><strong>Category</strong></td>
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<td><strong>Severity</strong></td>
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<tr>
<td><strong>Redfish Event Type</strong></td>
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<tr>
<td><em>No alerts are applicable for this message</em></td>
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<td><strong>Detailed Description</strong></td>
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<td><strong>Recommended Response Action</strong></td>
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<td><strong>Category</strong></td>
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<tr>
<td><strong>Severity</strong></td>
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<tr>
<td><strong>Redfish Event Type</strong></td>
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<tbody>
<tr>
<td><strong>Message</strong></td>
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<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
</tbody>
</table>
NIC007

Message: A configuration job already exists, Cannot create another configuration job on specified target until existing job is completed or is cancelled

Detailed Description: A configuration job already exists for the specified target. No further configuration operation is allowed until the existing job completes or the job is cancelled.

Recommended Response Action: Do one of the following: 1) Wait for the existing configuration job to complete and retry the operation, 2) To continue with a configuration change, cancel the existing job and retry the operation.

NIC008

Message: No pending data present to create a Configuration job

Detailed Description: No changes are available between the previous configuration and the current configuration. To create a Configuration job, at least one attribute should be changed.

Recommended Response Action: Change the configuration of one or more attributes and then create a configuration job.

NIC009

Message: Lifecycle Controller is currently in use.

Detailed Description: Lifecycle Controller cannot gain access to internal storage because it is use by another application or operation.
Recommended Response Action

Wait for the current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Unified Server Configurator utility 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.

Category
Configuration (NIC = NIC Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC010

Message
Lifecycle Controller is not enabled, cannot create Configuration job.

Detailed Description
For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.

Recommended Response Action
For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.

Category
Configuration (NIC = NIC Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC011

Message
Configuration job already created, pending data cannot be deleted

Detailed Description
Configuration job already created on the specified target. No further command is allowed until the existing job is completed.

Recommended Response Action
Cancel the configuration job or wait for the job to complete. Refer to documentation on job cancellation.

Category
Configuration (NIC = NIC Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
NIC012

Message: No pending data to delete.
Detailed Description: No changes to BIOS attribute data are available between the previous configuration and the current configuration.
Recommended Response Action: No response action is required.
Category: Configuration (NIC = NIC Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC013

Message: Invalid AttributeName: arg1
Arguments: arg1 = attribute name
Detailed Description: An unknown AttributeName was entered for the operation.
Recommended Response Action: Enter the correct AttributeName available in the system. Refer to the enumeration response for desired attribute.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC014

Message: Invalid AttributeValue for AttributeName arg1
Arguments: arg1 = attribute name
Detailed Description: AttributeValue may be invalid because of the following causes: 1) Length of new AttributeValue is not within minLength and maxLength 2) Value of new AttributeValue is not within LowerBound and UpperBound 3) Value of new AttributeValue is not one of the possible values.
Recommended Response Action: Refer to the documentation on valid attribute values.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC015

Message: AttributeValue cannot be changed to read only AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: A set attribute operation was attempted on a read only attribute.
Recommended Response Action: No response action is required.
Category: Configuration (NIC = NIC Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC016

Message: AttributeValue cannot be changed for disabled AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: A set attribute operation was attempted on a disabled attribute.
Recommended Response Action: No response action is required.
Category: Configuration (NIC = NIC Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

NIC017

Message: Unable to delete vFlash pending one-time boot configuration
Detailed Description: Unable to delete vFlash pending one-time boot configuration.
Recommended Response Action: Remove AC power from system and after restoring AC power, retry the operation.
Category: Configuration (NIC = NIC Config)
NIC018

Message: Invalid BIOS password.
Detailed Description: The input BIOS password used in the operation is invalid.
Recommended Response Action: Use a valid BIOS password and retry.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

NIC021

Message: Cannot authenticate specified BIOS password.
Detailed Description: The old BIOS password used to change the password is incorrect.
Recommended Response Action: Enter the correct old password for the BIOS and retry the operation.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

NIC022

Message: Unable to set the BIOS password because of a jumper setting on the motherboard.
Detailed Description: The current BIOS password jumper setting prevents the BIOS password from being changed.
Recommended Response Action: Change the jumper setting to enable setting the BIOS password.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)
NIC023

Message: Cannot perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action: Retry the action. If the issue persists, reset the iDRAC.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)

NIC024

Message: The set operation did not complete successfully as the attribute is read-only.
Detailed Description: The attribute specified in the operation is currently read only and the value cannot be modified.
Recommended Response Action: For more information on the attribute, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (NIC = NIC Config)
Severity: Severity 2 (Warning)

NIC100

Message: The \texttt{arg1} Port \texttt{arg2} network link is down.
Arguments: \texttt{arg1} = Controller, \texttt{arg2} = Port
Detailed Description: The network link is down. Either the network cable is not connected or the network device is not working.
Recommended Response Action: Verify that the network port is enabled and if the port has Activity/Speed LEDs, that they are lit. Check the network cable, network cable connections, and the attached network switch.
Category: System Health (NIC = NIC Config)
Severity: Severity 2 (Warning)
NIC101

Message
The arg1 Port arg2 network link is started.

Arguments
arg1 = controller ID, arg2 = port ID

Detailed Description
The transition from network link not started (down) to network link started (up) has been detected on the NIC controller port identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (NIC = NIC Config)

Severity
Severity 3 (Informational)

Trap/EventID
2091

Redfish Event Type
Alert

NIC500

Message
The requested object is not allowed to be configured if DHCP is enabled.
Detailed Description
The values of IP Address is not allowed to change if DHCP is enabled.

Recommended Response Action
Disable DHCP and then modify the value.

Category
System Health (NIC = NIC Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC501

Message
The requested object is not allowed to be configured if Auto Config is enabled.

Detailed Description
Autoconfig assigns values to the network components.

Recommended Response Action
Disable Autoconfig and then modify the value.

Category
System Health (NIC = NIC Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC502

Message
DHCP is required to be enabled on the NIC before DHCP can be enabled for DNS server or domain name objects.

Detailed Description
The value of the specified parameter cannot be changed.

Recommended Response Action
Enable DHCP on the NIC before enabling it for DNS.

Category
System Health (NIC = NIC Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

NIC503

Message
The DNS server IP address is not allowed to be configured if DNS server DHCP (cfgDNSServersFromDHCP) is enabled.
NIC504

Message: The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled.

Detailed Description: The value of the specified parameter cannot be changed.

Recommended Response Action: Disable the cfgIPv6DNSServersFromDHCP6 object.

Category: System Health (NIC = NIC Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

NIC505

Message: The DNS domain name is not allowed to be configured if domain name DHCP (cfgDNSDomainNameFromDHCP) is enabled.

Detailed Description: The value of the specified parameter cannot be changed.

Recommended Response Action: Disable the cfgDNSDomainNameFromDHCP object.

Category: System Health (NIC = NIC Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

NIC506

Message: The requested object requires DNS registration to be enabled.

Detailed Description: The value of the specified parameter cannot be changed.

Recommended Response Action: Disable the cfgDNSDomainNameFromDHCP object.

Category: System Health (NIC = NIC Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
The requested operation requires the DNS registration to be enabled.

**Recommended Response Action**
Enable the DNS registration.

**Category**
System Health (NIC = NIC Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### NIC507

**Message**
Unable to determine current NIC state.

**Detailed Description**
For the requested operation, enable the NIC to get the NIC details.

**Recommended Response Action**
Check if the NIC is disabled. If disabled, enable the NIC.

**Category**
System Health (NIC = NIC Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### NIC508

**Message**
NIC teaming info is not currently available.

**Detailed Description**
None.

**Recommended Response Action**
No response action is required.

**Category**
System Health (NIC = NIC Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### NIC509

**Message**
NIC is now ENABLED

**Detailed Description**
Success message.
<table>
<thead>
<tr>
<th>NIC510</th>
<th>NIC511</th>
<th>NIC512</th>
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<tr>
<td><strong>Message</strong></td>
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<tr>
<td>NIC is now DISABLED</td>
<td>NIC is already ENABLED</td>
<td>DHCP is already ENABLED</td>
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<tr>
<td><strong>Detailed Description</strong></td>
<td><strong>Detailed Description</strong></td>
<td><strong>Detailed Description</strong></td>
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<td><strong>Recommended Response Action</strong></td>
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<td><em>No alerts are applicable for this message</em></td>
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</tbody>
</table>
NIC513

Message: DHCP6 is already ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.

NIC514

Message: DHCP is now ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.

NIC515

Message: DHCP6 is now ENABLED
Detailed Description: Success message.
Recommended Response Action: No response action is required.
**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**NIC516**

**Message**  
Static IP configuration enabled and modified successfully

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (NIC = NIC Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
OSD Event Messages

OSD062

Message
The process of installing an operating system or hypervisor is started and is in progress.

Detailed Description
The process of installing an operating system or hypervisor is started and is in progress.

Recommended Response Action
No response action is required.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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<thead>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Eventing</th>
<th>WS Eventing</th>
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<th>OS Log</th>
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<th>Power Cycle</th>
<th>Reset</th>
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</table>

OSD063

Message
The process of installing an operating system or hypervisor is successfully completed.

Detailed Description
The process of installing an operating system or hypervisor is successfully completed.

Recommended Response Action
No response action is required.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
OSD064

Message: The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure.

Detailed Description: The process of installing an operating system or hypervisor is abruptly stopped either by the user or the installation infrastructure.

Recommended Response Action: No response action is required.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

OSD065

Message: Operating System/Hypervisor Installation did not complete successfully.

Detailed Description: The Operating System/Hypervisor installation did not complete successfully. The system may be unable to boot into the operating system/hypervisor because of the incomplete installation.

Recommended Response Action: Check the installation logs of operating system or hypervisor, resolve any issues identified, and then retry the operation. If the issue persists, contact your service provider.
### OSD1

**Message**
The command was successful.

**Detailed Description**
The command was successful.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD10

**Message**
Installation not supported for the selected operating system.

**Detailed Description**
Installation for the selected operating system is not supported. Make sure that the correct operating system name was entered.

**Recommended Response Action**
Recheck the operating system name with the output of GetDriverPackInfo().

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### OSD11

**Message**
Driver Pack does not have drivers for the selected operating system.

**Detailed Description**
Lifecycle Controller does not have any drivers for the selected operating system. The operating system installation uses the native drivers present on the operating system media.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### OSD12

**Message**
Cannot create the USB device needed to copy drivers for the selected operating system.

**Detailed Description**
iDRAC was unable to create and expose the drivers as a USB device for the OS installation to proceed.

**Recommended Response Action**
1) Rerun the command. 2) Reset iDRAC and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### OSD13

**Message**
Cannot mount the USB device needed to copy drivers for the selected operating system.

**Detailed Description**
iDRAC was unable to mount the drivers as a USB device for the OS installation to proceed.

**Recommended Response Action**
1) Rerun the command. 2) Reset iDRAC and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
OSD14

Message
Unable to expose the USB device that contains the operating system drivers to host system.

Detailed Description
iDRAC was unable to expose the drivers as a USB device for the OS installation to proceed.

Recommended Response Action
1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

OSD15

Message
Mount network share failed - incorrect username or password.

Detailed Description
Unable to mount the network share using the credentials specified in the command because either the username or password is incorrect.

Recommended Response Action
Rerun the command with the correct username and password.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

OSD16

Message
Mount network share failed - incorrect IP address or share name.

Detailed Description
Unable to mount the network share using the parameters specified in the command because either the IP address or share name is incorrect.

Recommended Response Action
Rerun the command with the correct IP address and share name.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
OSD17

Message
Exposing ISO image as internal device to the server failed.

Detailed Description
Unable to expose the ISO image as an internal CD device to the host system because the ISO file is no longer present, network errors are preventing access to the ISO file, or iDRAC may not be responsive.

Recommended Response Action
1) Rerun the command. 2) Reset iDRAC and rerun the command.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD18

Message
Unable to locate the ISO image on the network share point.

Detailed Description
Unable to find the ISO file specified in the network share. Make sure that the correct ISO file path was entered into the command and that all other user credentials are correct.

Recommended Response Action
Rerun the command with the correct ISO file path.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD19

Message
The fork() command for a child process to perform the task failed.

Detailed Description
Failed to execute fork() system call to perform the task in a child process. iDRAC may be unresponsive.

Recommended Response Action
Reset iDRAC and rerun the command.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message
OSD2

Message: General failure.
Detailed Description: An unknown error occurred.
Recommended Response Action: 1) Rerun the command. 2) Reset iDRAC and run the command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD20

Message: Unable to get size or label from Driver Pack for selected operating system.
Detailed Description: Unable to get the size or label for selected operating system from the Driver Pack present in Lifecycle Controller. The driver pack may be corrupt.
Recommended Response Action: Update the Driver Pack using USC or DUP and rerun the command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD21

Message: Unable to boot to ISO image.
Detailed Description: Booting to ISO has failed. Either BIOS was unable to boot to the ISO image or the provider did not get a response in 5 minutes from BIOS on successful boot to ISO image.
Recommended Response Action: 1) Make sure that a POST error did not result in user interaction (Press F1 to continue or F2 to run BIOS setup). 2) Reset iDRAC and rerun the command.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
OSD22

Message: Unable to detach ISO image from the host.
Detailed Description: Unable to detach ISO image from the host because either the image is already detached, or iDRAC may not be operating normally.
Recommended Response Action: 1) Rerun the command. 2) Reset iDRAC
Category: Configuration (OSD = OS Deployment)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD23

Message: Unable to continue with DetachISOImage - another command is in the process of exposing the ISO Image and booting to it.
Detailed Description: Cannot continue with DetachISOImage because another command is in the process of exposing the ISO image and booting to it.
Recommended Response Action: See the ConcreteJob status to make sure that the current running process is complete and then run DetachISOImage.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD24

Message: Unable to continue with DetachDrivers - UnPackAndAttach is in progress.
Detailed Description: Unable to continue with DetachDrivers - UnPackAndAttach is in progress.
Recommended Response Action: Wait until UnpackAndAttach finishes and then run DetachDrivers. This can take more than 5 minutes.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
OSD25

**Message**
Unable to detach USB device containing operating system drivers.

**Detailed Description**
Detaching the USB device (that contains drivers for the operating system installation) from the host has failed. The device may be detached, or iDRAC may not be operating normally.

**Recommended Response Action**
Reset iDRAC to detach this device automatically.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

OSD26

**Message**
Unable to continue with BootToPXE - another command is running.

**Detailed Description**
Unable to continue with BootToPXE command because another process is using Lifecycle Controller.

**Recommended Response Action**
See ConcreteJob status to make sure that the running process is complete, and then run BootToPXE.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

OSD27

**Message**
Copying drivers for selected operating system failed.

**Detailed Description**
Copying drivers for selected operating system failed. The Driver Pack may be unusable.

**Recommended Response Action**
Update the Driver Pack using USC or DUP and then rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**OSD28**

**Message**
Hash verification on the ISO image failed.

**Detailed Description**
Hash verification on the ISO image has failed. The hash value specified in the command is either incorrect or the ISO image has been changed.

**Recommended Response Action**
1) Verify that the hash value specified in the command is correct. 2) Make sure that the ISO has not been changed 3) Replace the ISO image on the share and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD29**

**Message**
Driver Pack configuration file not found in Lifecycle Controller. The Driver Pack might be corrupt.

**Detailed Description**
Driver Pack configuration file not found in Lifecycle Controller. Driver Pack may be unusable.

**Recommended Response Action**
Update the Driver Pack using USC or DUP and then rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD3**

**Message**
Lifecycle Controller is being used by another process.

**Detailed Description**
Lifecycle Controller is currently locked by another process. Make sure that the process completes before attempting to run another command.

**Recommended Response Action**
1) After two minutes, rerun the command. 2) Make sure that USC or DUP is not currently running on the server. 3) Reset iDRAC and rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### OSD30

**Message**
Invalid value for ExposeDuration - must be 60 - 65535 seconds

**Detailed Description**
The value specified for ExposeDuration is out of range. It must be between 60 and 65535 seconds.

**Recommended Response Action**
Rerun the command with a ExposeDuration value between 60 and 65535 seconds.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### OSD31

**Message**
Copying operating system drivers to network share failed

**Detailed Description**
Copying drivers for the selected operating system to network share failed. The share may be read-only or the Driver Pack present in Lifecycle Controller may be unusable.

**Recommended Response Action**
1) Make sure that the network share has write permission. 2) Update the Driver Pack using USC or DUP and then rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### OSD32

**Message**
Unable to detach ISO image from the system.

**Detailed Description**
Cannot continue with DetachISOImage because the system does not have an attached ISO image.

**Recommended Response Action**
The call to DetachISOImage is unnecessary since the ISO image is not currently attached.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**OSD33**

**Message**
Installed BIOS version does not support this method.

**Detailed Description**
The system has an older version of BIOS that does not support this method. Install the latest version of BIOS to use this method.

**Recommended Response Action**
Update the BIOS to version 1.2 or later and then rerun the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD34**

**Message**
Unable to continue with BootToPXE - ISO image is attached to the system.

**Detailed Description**
Unable to continue with BootToPXE command because the system has an ISO image attached. Detach the ISO image before continuing with BootToPXE.

**Recommended Response Action**
Run the DetachISOImage command and then run BootToPXE.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**OSD35**

**Message**
Lifecycle Controller is not enabled.

**Detailed Description**
Lifecycle Controller is disabled on the system, so none of the remote operating system deployment commands will work. Make sure Lifecycle Controller is enabled before running any command.

**Recommended Response Action**
Reboot the system and enable System Services by pressing CTRL+E option when prompted to do so in the POST. This launches the iDRAC configuration utility where Lifecycle Controller can be enabled.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
OSD36

Message: Boot to ISO Image has been cancelled by using CTRL+E option on the server.

Detailed Description: User has cancelled system services by using the CTRL+E option (iDRAC configuration utility) during POST. This action cancels the WSMAN request to boot to ISO.

Recommended Response Action: To resolve the issue rerun the command. Do not cancel system services using CTRL+E during POST when system is rebooting to the ISO.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD37

Message: ISO image size too large.

Detailed Description: ISO Image size is bigger than the available size in VFlash.

Recommended Response Action: 1) Use a smaller size ISO Image. 2) Format the VFlash using the iDRAC GUI, RACADM, or iDRAC configuration utility and then retry this command.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

OSD38

Message: Copying the ISO image from the network failed.

Detailed Description: There was an error while copying the ISO from the network share.

Recommended Response Action: 1) Make sure the network connection is functional. 2) Make sure the Dell VFlash doesn’t have hardware issues by accessing it through the iDRAC GUI.

Category: Configuration (OSD = OS Deployment)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message
OSD39
Message
Unable to find the VFlash.
Detailed Description
Unable to get VFlash information from internal instrumentation.
Recommended Response Action
1) Make sure the Dell VFlash is seated correctly. 2) Make sure a Dell licensed VFlash card is inserted 3) Make sure the Dell VFlash doesn't have any hardware issues by accessing it through the iDRAC GUI.
Category Configuration (OSD = OS Deployment)
Severity Severity 2 (Warning)
Redfish Event Type Alert
No alerts are applicable for this message

OSD4
Message
Cannot access Lifecycle Controller Driver Pack partition.
Detailed Description
Driver Pack partition in Lifecycle Controller is not accessible. The Lifecycle Controller or the iDRAC might be unresponsive.
Recommended Response Action
Reset the iDRAC and rerun the command. If the command fails again, check if the iDRAC is functional and accessible on the system.
Category Configuration (OSD = OS Deployment)
Severity Severity 1 (Critical)
Redfish Event Type Alert
No alerts are applicable for this message

OSD40
Message
VFlash is not Dell licensed.
Detailed Description
This is not a Dell-licensed VFlash.
Recommended Response Action
Insert a Dell VFlash and then retry this command.
Category Configuration (OSD = OS Deployment)
Severity Severity 3 (Informational)
Redfish Event Type Alert
No alerts are applicable for this message
OSD41

Message
ISO Image not found on VFlash.

Detailed Description
VFlash does not contain the ISO Image because either the image was deleted, or it was never copied.

Recommended Response Action
Download the ISO Image to the VFlash again using the DownloadISOToVFlash method.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD42

Message
Downloading ISO File to VFlash failed.

Detailed Description
There was an error while copying the ISO image from the network share to the VFlash.

Recommended Response Action
1) Make sure the network connection is working. 2) Make sure the Dell VFlash doesn't have any hardware issues by accessing it through the iDRAC GUI.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD43

Message
VFlash unavailable.

Detailed Description
VFlash is not present on the server.

Recommended Response Action
Insert a Dell-licensed VFlash and then retry this command.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
OSD44

Message
Unable to detach ISO image on VFlash.

Detailed Description
The ISO on VFlash is not currently attached, so the DetachISOFromVFlash command could not be executed.

Recommended Response Action
Since the ISO image is not attached, the detachISOFromVFlash command does not have to be run.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD45

Message
Cannot delete ISO image from VFlash.

Detailed Description
The ISO Image present in VFlash is attached to the host system. The ISO Image cannot be deleted from VFlash.

Recommended Response Action
Execute DetachISOFromVFlash() before running DeleteISOFromVFlash()

Category
Configuration (OSD = OS Deployment)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

OSD46

Message
VFlash in use.

Detailed Description
Another process (iDRAC GUI /racadm/iDRAC configuration utility) is currently accessing VFlash.

Recommended Response Action
Wait until the access to VFlash is relinquished and then retry this command.

Category
Configuration (OSD = OS Deployment)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
### OSD47

**Message**  
Inaccessible network share.

**Detailed Description**  
Unable to access the network share using the credentials specified or the firewall might be enabled and is preventing access to the share.

**Recommended Response Action**  
Make sure that the firewall is disabled, and that the credentials (username, password) are correct.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### OSD48

**Message**  
ISO Images of more than 4GB not supported.

**Detailed Description**  
ISO Images of more than 4GB are not supported and cannot be copied to VFlash.

**Recommended Response Action**  
Use an ISO that is smaller than 4GB.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### OSD49

**Message**  
Disable RIPS mode to access VFlash.

**Detailed Description**  
VFlash cannot be accessed because RIPS mode is enabled.

**Recommended Response Action**  
Disable the RIPS mode from BIOS or from the iDRAC GUI, and then continue executing the method.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
### OSD5

**Message**  
Lifecycle Controller Driver Pack not found.

**Detailed Description**  
A Driver Pack was not found on the Lifecycle Controller.

**Recommended Response Action**  
Update the Driver Pack using USC or DUP and then run the command again.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### OSD50

**Message**  
Lifecycle Controller is in field service mode.

**Detailed Description**  
Lifecycle Controller is in field service mode and needs to be updated before proceeding further.

**Recommended Response Action**  
Install the Lifecycle Controller field services package using the iDRAC GUI.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### OSD51

**Message**  
Reboot the system to run pending System Services Tasks.

**Detailed Description**  
There are pending System Services tasks on the host system that are preventing the execution of this method.

**Recommended Response Action**  
Reboot the host system. The system will automatically enter System Services and complete the pending tasks.

**Category**  
Configuration (OSD = OS Deployment)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
OSD52

Message: vFlash is disabled.
Detailed Description: vFlash is disabled.
Recommended Response Action: Enable the vFlash from the iDRAC GUI or RACADM, and then proceed.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD53

Message: vFlash is write protected.
Detailed Description: vFlash is write protected.
Recommended Response Action: Remove the write protect from the SD card and then proceed.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD54

Message: vFlash already has 16 partitions
Detailed Description: vFlash allows only 16 partitions to be created
Recommended Response Action: Make sure that there are less than 16 partitions before creating another partition on vFlash.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
OSD55
Message: ISO Image is attached to host
Detailed Description: Cannot attach the ISO image since it is already attached to the host.
Recommended Response Action: ISO Image is already attached to the host server. Detach the ISO and then rerun the command
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD56
Detailed Description: An ISO is already connected using Remote File Share (RFS). The connection might have been initiated from iDRAC GUI, racadm, or Remote Services API.
Recommended Response Action: Disconnect the Remote File Share (RFS) using iDRAC GUI, racadm, or Remote Services API and then retry the operation to connect the ISO again.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

OSD57
Message: Remote File Share (RFS) is in Auto-Attach mode.
Detailed Description: Remote File Share (RFS) is currently configured to be in auto-attach mode. For Web services to attach an ISO, RFS should be changed to attach mode.
Recommended Response Action: Change the Remote File Share (RFS) mode to Attach using iDRAC GUI or Remote Services API and retry.
Category: Configuration (OSD = OS Deployment)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
### OSD58

**Message**
Unable to connect an ISO using Remote File Share (RFS).

**Detailed Description**
The connect ISO operation using Remote File Share (RFS) did not complete successfully.

**Recommended Response Action**
Verify all the parameters are correct. If the problem persists, then reset iDRAC and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

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### OSD59

**Message**
Unable to disconnect from ISO using Remote File Share (RFS).

**Detailed Description**
Disconnecting ISO using Remote File Share (RFS) operation did not complete successfully.

**Recommended Response Action**
Reset iDRAC and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

### OSD6

**Message**
Cannot allocate memory.

**Detailed Description**
Unable to dynamically allocate memory to perform the task.

**Recommended Response Action**
Reset iDRAC and run the command.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### OSD60

**Message**
Unable to connect to ISO using Remote File Share (RFS).

**Detailed Description**
Connecting ISO using Remote File Share (RFS) was unsuccessful.

**Recommended Response Action**
Verify ISO is connected using Remote File Share (RFS) and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD61

**Message**
IP Address format is invalid.

**Detailed Description**
The IP Address format is invalid and cannot be validated. The specified IP address may not be a valid IPv4 or IPv6 address.

**Recommended Response Action**
Verify the IP address format and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD62

**Message**
Unable to run the command because an invalid firmware image file name is entered.

**Detailed Description**
The command cannot be run because an invalid firmware image file name is entered.

**Recommended Response Action**
Make sure that a valid firmware image file is entered. The file must not contain any file path components such as forward slash (/) or period (.).

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### OSD63

**Message**
Unable to run the DetachDrivers invoke method because the driver files are not attached.

**Detailed Description**
The DetachDrivers invoke method cannot be run because the driver files are not attached.

**Recommended Response Action**
No response action required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD64

**Message**
Unable to invoke the ConfigurableBootToNetworkISO method by specifying the ResetType parameter as warm reboot because the server is in turned-off state.

**Detailed Description**
The ConfigurableBootToNetworkISO method cannot be run by specifying the ResetType parameter as warm reboot because the server is in turned-off state.

**Recommended Response Action**
Make sure that the server is turned on and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### OSD65

**Message**
The ISO file is successfully attached. The next host reboot is scheduled to boot to the ISO file.

**Detailed Description**
The ISO file is successfully attached. The next host reboot is scheduled to boot to the ISO file.

**Recommended Response Action**
No response action required.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
OSD66
Message    Unable to invoke the method because the mandatory input parameter OSName is missing.
Detailed Description    The method cannot be invoked because the mandatory input parameter OSName is missing.
Recommended Response Action    Provide the missing parameter "OSName" in the method invocation and retry the operation.
Category    Configuration (OSD = OS Deployment)
Severity    Severity 2 (Warning)
Redfish Event Type    Alert

OSD67
Message    Unable to invoke the method because the mandatory input parameter IPAddress is missing.
Detailed Description    The method cannot be invoked because the mandatory input parameter IPAddress is missing.
Recommended Response Action    Provide the missing parameter "IPAddress" in the method invocation and retry the operation.
Category    Configuration (OSD = OS Deployment)
Severity    Severity 2 (Warning)
Redfish Event Type    Alert

OSD68
Message    Unable to invoke the method because the mandatory input parameter ShareName is missing.
Detailed Description    The method cannot be invoked because the mandatory input parameter ShareName is missing.
Recommended Response Action    Provide the missing parameter "ShareName" in the method invocation and retry the operation.
Category    Configuration (OSD = OS Deployment)
Severity    Severity 2 (Warning)
<table>
<thead>
<tr>
<th>Redfish Event Type</th>
<th>Alert</th>
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**OSD69**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to invoke the method because the mandatory input parameter ShareType is missing.</th>
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</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The method cannot be invoked because the mandatory input parameter ShareType is missing.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Provide the missing parameter “ShareType” in the method invocation and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<td>Redfish Event Type</td>
<td>Alert</td>
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</tr>
</tbody>
</table>

**OSD7**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to retrieve Lifecycle Controller handle.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Unable to connect to Lifecycle Controller because of an existing open connection or an internal error.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reset iDRAC, and rerun the command to correct the problem.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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<tr>
<td><strong>No alerts are applicable for this message</strong></td>
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</tr>
</tbody>
</table>

**OSD70**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to invoke the method because the mandatory input parameter Username is missing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The method cannot be invoked because the mandatory input parameter Username is missing.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Provide the missing parameter “Username” in the method invocation and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (OSD = OS Deployment)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>
**OSD71**

**Message**
Unable to invoke the method because the mandatory input parameter Password is missing.

**Detailed Description**
The method cannot be invoked because the mandatory input parameter Password is missing.

**Recommended Response Action**
Provide the missing parameter "Password" in the method invocation and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**OSD72**

**Message**
Unable to invoke the method because the mandatory input parameter ImageName is missing.

**Detailed Description**
The method cannot be invoked because the mandatory input parameter ImageName is missing.

**Recommended Response Action**
Provide the missing parameter "ImageName" in the method invocation and retry the operation.

**Category**
Configuration (OSD = OS Deployment)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**OSD73**

**Message**
Unable to invoke the method because the mandatory input parameter HashValue is missing.

**Detailed Description**
The method cannot be invoked because the mandatory input parameter HashValue is missing.

**Recommended Response Action**
Provide the missing parameter "HashValue" in the method invocation and retry the operation.

**Category**
Configuration (OSD = OS Deployment)
Severity 2 (Warning)

OSD74

Unable to invoke the method because the mandatory input parameter ShareType is invalid.

The method cannot be invoked because the mandatory input parameter ShareType is invalid.

Check the value provided for input parameter "ShareType" and retry the operation.

Configuration (OSD = OS Deployment)

OSD75

Unable to invoke the method because the mandatory input parameter HashType is invalid.

The method cannot be invoked because the mandatory input parameter HashType is invalid.

Check the value provided for input parameter "HashType" and retry the operation.

Configuration (OSD = OS Deployment)

OSD76

Unable to invoke the method because the mandatory input parameter ResetType is invalid.

The method cannot be invoked because the mandatory input parameter ResetType is invalid.

Check the value provided for input parameter "ResetType" and retry the operation.
OSD77
Message: Unable to invoke the method because the mandatory input parameter ResetType is missing.
Detailed Description: The method cannot be invoked because the mandatory input parameter ResetType is missing.
Recommended Response Action: Provide the missing parameter "ResetType" in the method invocation and retry the operation.
OSD8
Message: Setting Boot to PXE through IPMI failed.
Detailed Description: The BIOS boot order set to PXE using a standard IPMI command has failed.
Recommended Response Action: 1) Check BIOS PXE settings. 2) Rerun the command. 3) Reset iDRAC and rerun the command.
OSD9
Message: Failed to reboot the system using an IPMI command.
Detailed Description: Resetting the targeted server using the standard IPMI command has failed.
Recommended Response Action: 1) Rerun the command. 2) Reset iDRAC and rerun the command.
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message
OSE Event Messages

OSE0000

Message
A critical stop occurred during OS load.

Detailed Description
The system halted due to an exception during operating system load or operating system initialization.

Recommended Response Action
Review operating system logs and system video for additional information.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Trap/EventID
2409

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
</tr>
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<tbody>
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<table>
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<th>LCD</th>
<th>OS Log</th>
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OSE0001

Message
A runtime critical stop occurred.

Detailed Description
The system halted due to an exception while the operating system was running. This is a kernel panic or bug check event.

Recommended Response Action
Review operating system logs and system video for additional information.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Trap/EventID
2409

Redfish Event Type
Alert
OSE0002

Message: An OS graceful stop occurred.
Detailed Description: (IPMI sensor type 20h - offset 02h).
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)
Trap/EventID: 2411
Redfish Event Type: Alert

OSE0003

Message: An OS graceful shut-down occurred.
Detailed Description: (IPMI sensor type 20h - offset 03h).
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
OSE0004

Message
A soft shut-down initiated by platform event filter.

Detailed Description
A separate exception or status condition shutdown the operating system. (IPMI sensor type 20h - offset 04h).

Recommended Response Action
Review system event log for platform events capable of shutting the system down.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

OSE0005

Message
Agent is not responding.

Detailed Description
Graceful shutdown request to an agent via the BMC did not occur due to a system hardware or software exception.
**Recommended Response Action**
review operating system logs and system video for additional information

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**OSE1000**

**Message**
A: boot completed.

**Detailed Description**
The system OS has successfully booted from A:

**Recommended Response Action**
No response action is required.

**Category**
System Health (OSE = OS Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**OSE1001**

**Message**
Failed to boot from A.
Detailed Description
None

Recommended Response Action
review system boot configuration and boot media. Verify the media in a: is bootable. See system video for additional information.

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC

CMC

OSE1002

Message
C: boot completed.

Detailed Description
The system OS has successfully booted from C:

Recommended Response Action
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

LC Log
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC

CMC
OSE1003

**Message**: Failed to boot from C.

**Detailed Description**: None

**Recommended Response Action**: Review system boot configuration and boot media. Verify the media in C: is bootable. See system video for additional information.

**Category**: System Health (OSE = OS Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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OSE1004

**Message**: PXE boot completed.

**Detailed Description**: The system OS has successfully booted from the PXE server.

**Recommended Response Action**: No response action is required.

**Category**: System Health (OSE = OS Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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OSE1005

Message: PXE boot failed.
Detailed Description: None
Recommended Response Action: Review system boot configuration, local PXE configuration, and PXE server configuration
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

OSE1006

Message: Diagnostic boot completed.
Detailed Description: The system has successfully booted to diagnostics.
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
OSE1007

Message
Diagnostic boot failed.

Detailed Description
None

Recommended Response Action
Review system boot configuration and boot media. See system video for additional information

Category
System Health (OSE = OS Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

OSE1008

Message
CD-ROM boot completed.

Detailed Description
The system OS has successfully booted from the CD-ROM.

Recommended Response Action
No response action is required.

Category
System Health (OSE = OS Event)

Severity
Severity 3 (Informational)
OSE1009

Message: Failed to boot from CD-ROM.
Detailed Description: None
Recommended Response Action: Review system boot configuration and boot media. Verify the media in the CDROM is bootable. See system video for additional information
Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

OSE1010

Message: ROM boot completed.
Detailed Description: The system has successfully booted to ROM.
Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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SNMP Alert

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Redfish Eventing

iDRAC

CMC

OSE1011

Message: Failed to boot from ROM.

Detailed Description: None

Recommended Response Action: Check system event logs for additional exception information. Power down the system and attempt to boot again.

Category: System Health (OSE = OS Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility

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SNMP Alert

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Redfish Eventing

iDRAC

CMC

OSE1012

Message: Boot completed.

Detailed Description: The system has successfully booted.

Recommended Response Action: No response action is required.
Category: System Health (OSE = OS Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

---

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

### Visibility
- iDRAC
- CMC

### OS Log
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

---

### iDRAC
- ✔

### CMC
- ✔

### OSE1013

- **Message**: Failed to boot.
- **Detailed Description**: None
- **Recommended Response Action**: Review system boot configuration and boot media. See system video for additional information

---

Category: System Health (OSE = OS Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

---

### Filter Visibility
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

### Visibility
- iDRAC
- CMC

### OS Log
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

---

### iDRAC
- ✔

### CMC
- ✔
PCI Event Messages

PCI1300

Message
A front panel diagnostic interrupt was detected.

Detailed Description
The front panel diagnostic was pressed, and the system may be halted as a result.

Recommended Response Action
Reset the system to continue operation.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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PCI1302

Message
A bus time-out was detected on a component at bus \( arg1 \) device \( arg2 \) function \( arg3 \).

Arguments
\( arg1 = \) bus, \( arg2 = \) device, \( arg3 = \) func

Detailed Description
System performance may be degraded. The device has failed to respond to a transaction (master/target abort or completion timeout).

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417
**PCI1304**

**Message**
An I/O channel check error was detected.

**Detailed Description**
None

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
I/O channel check error detected. Power cycle system.

**PCI1306**

**Message**
A software error was detected on a component at bus arg1 device arg2 function arg3.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func
Detailed Description

None

Recommended Response Action

Reboot the system and update the component drivers.

Category

System Health (PCI = PCI Device)

Severity

Severity 1 (Critical)

Trap/EventID

2417

Redfish Event Type

Alert

PCI1308

Message

A PCI parity error was detected on a component at bus \textit{arg1} device \textit{arg2} function \textit{arg3}.

Arguments

\textit{arg1} = bus, \textit{arg2} = device, \textit{arg3} = func

Detailed Description

System performance may be degraded, or system may fail to operate.

Recommended Response Action

Cycle input power, update component drivers, if device is removable, re-install the device.

Category

System Health (PCI = PCI Device)

Severity

Severity 1 (Critical)

Trap/EventID

2417

LCD Message

PCI parity error on bus \textit{<bus>} device \textit{<device>} function \textit{<func>}. Power cycle system.

Redfish Event Type

Alert

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### PCI1310

**Message**
A PCI system error was detected on a component at bus `arg1` device `arg2` function `arg3`.

**Arguments**
`arg1 = bus, arg2 = device, arg3 = func`

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
PCI system error on bus `<bus>` device `<device>` function `<func>`. Power cycle system.

**Redfish Event Type**
Alert

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### PCI1312

**Message**
An EISA fail-safe time-out was detected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)
A bus correctable error was detected on a component at bus `arg1` device `arg2` function `arg3`.

**Arguments**  
`arg1` = bus, `arg2` = device, `arg3` = func

**Detailed Description**  
System performance may be degraded.

**Recommended Response Action**  
Cycle input power, update component drivers, if device is removable re-install the device at the next scheduled service time.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2417

**Redfish Event Type**  
Alert
Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

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**PCI1318**

Message
A fatal error was detected on a component at bus arg1 device arg2 function arg3.

Arguments
arg1 = bus, arg2 = device, arg3 = func

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
Fatal error on bus <bus> device <device> function <func>. Power cycle system.

Redfish Event Type
Alert

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PCI1319

**Message**
A high-severity issue is detected in the SSD bay *arg1*, Slot *arg2*.

**Arguments**
*arg1* = bay id, *arg2* = slot id

**Detailed Description**
A high-severity issue was detected in the SSD bay identified in the message.

**Recommended Response Action**
Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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</table>

**PCI1320**

**Message**
A bus fatal error was detected on a component at bus *arg1* device *arg2* function *arg3*.

**Arguments**
*arg1* = bus, *arg2* = device, *arg3* = func

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)
A high-severity issue is detected in a component of the bus arg1, device 0, function arg2.

Category System Health (PCI = PCI Device)
Severity Severity 1 (Critical)
Redfish Event Type Alert

Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.
PCI1322

Message
Bus performance degraded for a component at bus arg1 device arg2 function arg3.

Arguments
arg1 = bus, arg2 = device, arg3 = func

Detailed Description
System performance may be degraded. The bus is not operating at maximum speed or width.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 2 (Warning)

Trap/EventID
2418

Redfish Event Type
Alert

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</table>

PCI1342

Message
A bus time-out was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded. The device has failed to respond to a transaction (master/target abort or completion timeout).

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert
PCI1344

Message: An I/O channel check error was detected.
Detailed Description: None
Recommended Response Action: Cycle input power, update component drivers, if device is removable, re-install the device.
Category: System Health (PCI = PCI Device)
Severity: Severity 1 (Critical)
Trap/EventID: 2417
LCD Message: An I/O channel check error detected. Power cycle system.
Redfish Event Type: Alert

PCI1346

Message: A software error was detected on a component at slot arg1.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action
Reboot the system and update the component drivers.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

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**PCI1348**

Message
A PCI parity error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
PCI parity error on slot <number>. Reseat PCI card

Redfish Event Type
Alert

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<tr>
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948
**PCI1350**

**Message**
A PCI system error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded, or system may fail to operate.

**Recommended Response Action**
Cycle input power, update component drivers, if device is removable, re-install the device.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**LCD Message**
PCI system error on slot <number>. Reseat PCI card

**Redfish Event Type**
Alert

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**PCI1354**

**Message**
A bus correctable error was detected on a component at slot arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type**
Alert
PCI1356

Message
A bus uncorrectable error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

PCI1358

Message
A fatal error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.
Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
Fatal error on slot <number>. Reseat PCI card

Redfish Event Type
Alert

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</table>

**PCI1360**

Message
A bus fatal error was detected on a component at slot arg1.

Arguments
arg1 = number

Detailed Description
System performance may be degraded, or system may fail to operate.

Recommended Response Action
Cycle input power, update component drivers, if device is removable, re-install the device.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

LCD Message
Bus fatal error on slot <number>. Reseat PCI card

Redfish Event Type
Alert

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<th>Email Alert</th>
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</table>
PCI1362

Message  Bus performance degraded for a component at slot arg1.
Arguments  arg1 = number
Detailed Description  System performance may be degraded. The bus is not operating at maximum speed or width.
Recommended Response Action  Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.
Category  System Health (PCI = PCI Device)
Severity  Severity 2 (Warning)
Trap/EventID  2418
Redfish Event Type  Alert

PCI2000

Message  A fatal IO error detected on a component at bus arg1 device arg2 function arg3.
Arguments  arg1 = bus, arg2 = device, arg3 = func
Detailed Description  System performance may be degraded, or system may fail to operate.
Recommended Response Action  Cycle input power, update component drivers, remove and re-install the device.
Category  System Health (PCI = PCI Device)
Severity  Severity 1 (Critical)
Trap/EventID  2417
**PCI2001**

**Message**
The component at bus arg1 device arg2 function arg3 recovered from a fatal IO error.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

---

**PCI2002**

**Message**
A fatal IO error detected on a component at slot arg1.
## PCI2003

### Message
The component at slot arg1 recovered from a fatal IO error.

### Arguments
arg1 = number

### Detailed Description
None

### Recommended Response Action
No response action is required.

### Category
System Health (PCI = PCI Device)

### Severity
Severity 3 (Informational)

### Trap/EventID
2419

### Redfish Event Type
Alert

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<th>Filter Visibility</th>
<th>IPMI</th>
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### Arguments
arg1 = number

### Detailed Description
System performance may be degraded, or system may fail to operate.

### Recommended Response Action
Cycle input power, update component drivers, remove and re-install the device.

### Category
System Health (PCI = PCI Device)

### Severity
Severity 1 (Critical)

### Trap/EventID
2417

### LCD Message
Fatal IO error on slot <number>. Contact support

### Redfish Event Type
Alert

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<tr>
<th>Filter Visibility</th>
<th>IPMI</th>
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PCI3000

Message
Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress.

Detailed Description
Either the BIOS, BMC/iDRAC, or LOM firmware is out of date and does not support FlexAddress.

Recommended Response Action
Update BIOS, BMC/iDRAC, and LOM firmware. If problem persists please contact customer support.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

PCI3001

Message
Device option ROM on embedded NIC was successfully updated.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PCI = PCI Device)

Severity
Severity 3 (Informational)

Trap/EventID
2419

Redfish Event Type
Alert
PCI3002

Message
Failed to program virtual MAC address on a component at bus \texttt{arg1} device \texttt{arg2} function \texttt{arg3}.

Arguments
\texttt{arg1} = bus, \texttt{arg2} = device, \texttt{arg3} = func

Detailed Description
Either the BIOS, BMC/iDRAC, LOM, or NIC firmware is out of date and does not support FlexAddress.

Recommended Response Action
Update BIOS, BMC/iDRAC, LOM, and mezzanine card firmware. If problem persists please contact customer support.

Category
System Health (PCI = PCI Device)

Severity
Severity 1 (Critical)

Trap/EventID
2417

Redfish Event Type
Alert

PCI3003

Message
Virtual MAC address for component at bus \texttt{arg1} device \texttt{arg2} function \texttt{arg3} was successfully programed.

Arguments
\texttt{arg1} = bus, \texttt{arg2} = device, \texttt{arg3} = func
Device option ROM on mezzanine card arg1 failed to support Link Tuning or FlexAddress.

Device option ROM on mezzanine card arg1 failed to support Link Tuning or FlexAddress.

Device option ROM on mezzanine card arg1 failed to support Link Tuning or FlexAddress.
PCI3005

**Message**
Device option ROM on mezzanine card arg1 was successfully updated.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

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**LC Log**

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**PCI3006**

**Message**
Failed to get Link Tuning or FlexAddress data from iDRAC.

**Detailed Description**
Either the BIOS or BMC/iDRAC firmware is out of date and does not support FlexAddress.

**Recommended Response Action**
Update BIOS, and BMC/iDRAC firmware. If problem persists please contact customer support.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type**
Alert
PCI3007

Message Link Tuning or FlexAddress data successfully obtained.
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (PCI = PCI Device)
Severity Severity 3 (Informational)
Trap/EventID 2419
Redfish Event Type Alert

PCI3008

Message A non-fatal PCIe error detected on a component at bus arg1 device arg2 function arg3.
Arguments arg1 = bus, arg2 = device, arg3 = func
Detailed Description System performance may be degraded.
**Recommended Response Action**
Cycle input power, update component drivers, remove and re-install the device at the next service window.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2418

**Redfish Event Type**
Alert

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**PCI3009**

**Message**
PCIe is operating normally on a component at bus arg1 device arg2 function arg3.

**Arguments**
arg1 = bus, arg2 = device, arg3 = func

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

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**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
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**iDRAC** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
**CMC** | | | | | | |

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**iDRAC** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
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**iDRAC** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
**CMC** | | | | | | |

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**iDRAC** | ✓ | ✓ | ✓ | ✓ | ✓ | ✓
**CMC** | | | | | | |
PCI3010
Message
A non-fatal IO error detected on a component at bus $arg1$ device $arg2$ function $arg3$.

Arguments
$arg1$ = bus, $arg2$ = device, $arg3$ = func

Detailed Description
System performance may be degraded.

Recommended Response Action
Cycle input power, update component drivers, remove and re-install the device at the next service window.

Category
System Health (PCI = PCI Device)

Severity
Severity 2 (Warning)

Trap/EventID
2418

Redfish Event Type
Alert

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PCI3011
Message
The component at bus $arg1$ device $arg2$ function $arg3$ recovered from a non-fatal IO error.

Arguments
$arg1$ = bus, $arg2$ = device, $arg3$ = func

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PCI = PCI Device)

Severity
Severity 3 (Informational)

Trap/EventID
2419

Redfish Event Type
Alert
### PCI3012

**Message**  
The QuickPath Interconnect (QPI) width degraded.

**Detailed Description**  
System performance may be degraded. The bus is not operating at maximum speed or width.

**Recommended Response Action**  
Reset the system, if the problem persists reinstall processors.

**Category**  
System Health (PCI = PCI Device)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2418

**Redfish Event Type**  
Alert

---

### PCI3013

**Message**  
The QuickPath Interconnect (QPI) width regained.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PCI = PCI Device)
Severity 3 (Informational)

Trap/EventID 2419

Redfish Event Type Alert

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PCI3014

Message A non-fatal PCIe error detected on a component at slot arg1.

Arguments arg1 = number

Detailed Description System performance may be degraded.

Recommended Response Action Cycle input power, update component drivers, remove and re-install the device at the next scheduled service time.

Category System Health (PCI = PCI Device)

Severity Severity 2 (Warning)

Trap/EventID 2418

Redfish Event Type Alert

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PCI3015

Message The component at slot arg1 recovered from a non-fatal PCIe error.
Arguments $arg1$ = number

Detailed Description None

Recommended Response Action No response action is required.

Category System Health (PCI = PCI Device)

Severity Severity 3 (Informational)

Trap/EventID 2419

Redfish Event Type Alert

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**PCI3016**

**Message** Device option ROM on mezzanine card failed to support Link Tuning or FlexAddress.

**Detailed Description** Either the BIOS, BMC/iDRAC, or mezzanine card firmware is out of date and does not support FlexAddress.

**Recommended Response Action** Update BIOS, BMC/iDRAC, and mezzanine card firmware. If problem persists please contact customer support.

**Category** System Health (PCI = PCI Device)

**Severity** Severity 1 (Critical)

**Trap/EventID** 2417

**Redfish Event Type** Alert

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</table>
### PCI3017

**Message**
Device option ROM on mezzanine card was successfully updated.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2419

**Redfish Event Type**
Alert

### PCI3018

**Message**
New PCI card(s) have been detected in the system. Fan speeds may have changed to add additional cooling to the cards.

**Detailed Description**
New PCI card(s) have been detected in the system that may require additional airflow. Fan speeds may have changed to add additional cooling to the cards.

**Recommended Response Action**
Changing default fan response to PCIe cards should be done with appropriate understanding of the PCIe cooling needs of the cards present in the system. If the automatic cooling response is insufficient, additional cooling can be added by one of the following methods. 1) From iDRAC Web GUI, click Hardware -> Fans -> Setup, then from the fan speed offset drop-down list appropriately select the cooling level needed or set the minimum fan speed to a custom value. 2) From F2 System Setup, select iDRAC Settings -> Thermal, and set a higher fan speed from the fan speed offset or minimum fan speed. 3) For RACADM commands run “racadm help system.thermalsettings”. If a lower fan speed is required, contact your...
service provider for the appropriate IPMI commands to reduce the default fan speed response for new PCIe cards.

Category: System Health (PCI = PCI Device)  
Severity: Severity 3 (Informational)  
Trap/EventID: 2419  
Redfish Event Type: Alert

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**PC13019**

Message: A low-severity issue is detected in the SSD bay `arg1`, Slot `arg2`.

Arguments: `arg1` = bay id, `arg2` = slot id

Detailed Description: A low-severity issue was detected in the SSD bay identified in the message.

Recommended Response Action: Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category: System Health (PCI = PCI Device)  
Severity: Severity 2 (Warning)  
Trap/EventID: 2419  
Redfish Event Type: Alert

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966
PCI3020

Message  A low-severity issue is detected in a component of the bus arg1, device 0, function arg2.

Arguments  arg1 = bus ID, arg2 = function ID

Detailed Description  A low-severity issue is detected in the component identified in the message.

Recommended Response Action  Remove and reinsert the component identified in the message, and then monitor the log for a re-occurrence of the issue. If the issue persists, and occurs during server startup, update the component firmware. If the issue persists and occurs during OS runtime, restart the server and update the OS drivers for the component identified in the message.

Category  System Health (PCI = PCI Device)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC  ✔  ✔  ✔  ✔
CMC

PCI5001

Message  A PCIe card carrier containing a PCIe card is inserted in PCIe slot arg1.

Arguments  arg1 = slot number

Detailed Description  A PCIe card carrier containing a PCIe card is present in the slot identified in the message. This PCIe card will be enabled when the associated server is turned on or power cycled.

Recommended Response Action  Turn on or power cycle the associated server to enable the PCIe card.

Category  Configuration (PCI = PCI Device)
PCI5002

Message: A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot
arg1.

Arguments: arg1 = slot number

Detailed Description: A PCIe card carrier that does not contain a PCIe card is inserted in the PCIe slot
identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (PCI = PCI Device)

Severity: Severity 3 (Informational)

Trap/EventID: 10611

Redfish Event Type: Alert
### PCI5003

**Message**
A PCIe card carrier is removed from the PCIe slot `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
A PCIe card carrier is removed from the PCIe slot identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PCI = PCI Device)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10611

**Redfish Event Type**
Alert

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### PCI5004

**Message**
A power fault issue is detected in the PCIe adapter that was turned on in PCIe slot `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
The Chassis Management Controller (CMC) detected an issue in the PCIe adapter that was turned on in the slot identified in the message.

**Recommended Response Action**
Make sure that: 1) The PCIe adapter used is supported by the Chassis Management Controller (CMC). For a list of supported adapters, contact your service provider. 2) The adapter is not damaged. 3) The power requirement of adapter is not more than the power allocated to the slot. 4) The adapter is properly inserted in the slot.

**Category**
System Health (PCI = PCI Device)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2417

**Redfish Event Type**
Alert
PCI5005

Message: An auxiliary power fault issue is detected in the PCIe adapter that was turned on in PCIe slot arg1.

Arguments: arg1 = slot number

Detailed Description: Chassis Management Controller (CMC) detected an issue in the PCIe adapter that was turned on in the slot identified in the message.

Recommended Response Action: Make sure that: 1) The PCIe adapter used is supported by the Chassis Management Controller (CMC). For a list of supported adapters, contact your service provider. 2) The adapter is not damaged. 3) The adapter is properly inserted in the slot.

Category: System Health (PCI = PCI Device)

Severity: Severity 1 (Critical)

Trap/EventID: 2417

Redfish Event Type: Alert

PCI5006

Message: The power-related issue of the PCIe adapter in slot arg1 is resolved.

Arguments: arg1 = slot number
### Detailed Description
The power related issue of the PCIe device in the slot identified in the message is resolved.

### Recommended Response Action
No response action is required.

### Category
System Health (PCI = PCI Device)

### Severity
Severity 3 (Informational)

### Trap/EventID
2419

### Redfish Event Type
Alert

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### Message
The auxiliary power-related issue of the PCIe adapter in slot arg1 is resolved.

### Arguments
arg1 = slot number

### Detailed Description
The 3.3 Volt Regulator power related issue of PCIe carrier present in the slot identified in the message is resolved.

### Recommended Response Action
No response action is required.

### Category
System Health (PCI = PCI Device)

### Severity
Severity 3 (Informational)

### Trap/EventID
2419

### Redfish Event Type
Alert
The Chassis Management Controller (CMC) is unable to communicate with the PCIe switch board.

The Chassis Management Controller (CMC) could not successfully connect to the PCIe switch board.

Do the following: 1) Perform an AC Power Cycle operation on the Chassis by disconnecting the chassis from AC power, waiting for 30 seconds, and then reconnecting AC power. 2) Power on at least one server. Using the Chassis Management Controller (CMC) web interface, select Server Overview->Power-Control and then click the Operation field and select the Power On Server operation. If the issue persists, contact your service provider.

System Health (PCI = PCI Device)

Severity 1 (Critical)

2417

Alert

The PCIe adapter in the PCIe slot \texttt{arg1} was removed from the slot while the server \texttt{arg2} was turned-on.

\texttt{arg1} = PCIe slot number, \texttt{arg2} = server slot number

Chassis Management Controller (CMC) detected that a PCIe adapter was removed from a server which was turned-on. This may cause the server operating system to stop responding or to function in an improper manner.
**Recommended Response Action**
Perform a Power Cycle operation on the associated server. Restarting the operating system will not resolve this issue. Only remove PCIe adapters when the associated server is turned-off.

**Category**
Audit (PCI = PCI Device)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8562

**Redfish Event Type**
Alert

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PDR Event Messages

PDR1

**Message**
arg1 copyback stopped for rebuild.

**Arguments**
arg1 = physical disk

**Detailed Description**
This message is generated after a copyback stops on a physical disk during a rebuild operation.

**Recommended Response Action**
Wait for rebuild to finish, then copyback should resume.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2197

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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PDR10

**Message**
arg1 rebuild has started.

**Arguments**
arg1 = physical disk

**Detailed Description**
This message is generated after a rebuild starts on a physical disk.

**Recommended Response Action**
No response action is required.
PDR100

**Message**
Dedicated Hot Spare \textit{arg1} no longer useful for all arrays.

**Arguments**
\textit{arg1} = PD Name

**Detailed Description**
The controller is not able to communicate with a disk that is assigned as a dedicated hot spare. The disk may have been removed. There may also be a bad or loose cable.

**Recommended Response Action**
Verify that the disk is healthy and that it has not been removed. Check the cables. See the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the dedicated hot spare.

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### PDR1000

**Message**
Drive \( \text{arg1} \) is installed in disk drive bay \( \text{arg2} \).

**Arguments**
- \( \text{arg1} = \) number, \( \text{arg2} = \) bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2299

**Redfish Event Type**
Alert

### PDR1001

**Message**
Fault detected on drive \( \text{arg1} \) in disk drive bay \( \text{arg2} \).

**Arguments**
- \( \text{arg1} = \) number, \( \text{arg2} = \) bay

**Detailed Description**
The controller detected a failure on the disk and has taken the disk offline.

**Recommended Response Action**
Remove and reseat the failed drive. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)
**PDR1002**

**Message**
A predictive failure detected on drive `arg1` in disk drive bay `arg2`.  

**Arguments**
`arg1` = number, `arg2` = bay  

**Detailed Description**
The controller received a SMART error from the drive. The drive is operational but needs replacement.  

**Recommended Response Action**
The drive will need replacement at the next service window.  

**Category**
System Health (PDR = Physical Disk)  

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2298

**Redfish Event Type**
Alert

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**PDR1003**

**Message**
Drive `arg1` in disk drive bay `arg2` is the hot-spare drive.
Arguments: $arg1 =$ number, $arg2 =$ bay

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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PDR1004

Message: Consistency check is in progress for drive $arg1$ in disk drive bay $arg2$.

Arguments: $arg1 =$ number, $arg2 =$ bay

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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PDR1005

Message
Drive \textit{arg1} in disk drive bay \textit{arg2} is in the critical array.

Arguments
\textit{arg1} = number, \textit{arg2} = bay

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 1 (Critical)

LCD Message
Drive <number> in disk drive bay <bay> is in the critical array. Replace drive.

Redfish Event Type
Alert

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PDR1006

Message
Drive \textit{arg1} in disk drive bay \textit{arg2} is in the failed array.

Arguments
\textit{arg1} = number, \textit{arg2} = bay

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 1 (Critical)

LCD Message
Drive <number> in disk drive bay <bay> is in the failed array. Replace drive.

Redfish Event Type
Alert
Message: Rebuild is in progress for drive \textit{arg1} in disk drive bay \textit{arg2}.

Arguments: \textit{arg1} = number, \textit{arg2} = bay

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

Message: Rebuild was aborted for drive \textit{arg1} in disk drive bay \textit{arg2}.

Arguments: \textit{arg1} = number, \textit{arg2} = bay

Detailed Description: None

Recommended Response Action: No response action is required.
### PDR101

**Message**
Global Hot Spare arg1 does not cover all arrays.

**Arguments**
arg1 = PD Name

**Detailed Description**
This alert message occurs if there are arrays not protected with a global hot spare.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2209

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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981
PDR1016

Message
Drive arg1 is removed from disk drive bay arg2.

Arguments
arg1 = number, arg2 = bay

Detailed Description
The controller detected that the drive was removed.

Recommended Response Action
Verify drive installation. Remove and reseat the failed drive. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
2297

LCD Message
Drive <number> removed from disk drive bay <bay>. Check drive.

Redfish Event Type
Alert

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PDR1017

Message
Drive arg1 in disk drive bay arg2 is operating normally.

Arguments
arg1 = number, arg2 = bay

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
2299

Redfish Event Type
Alert
### PDR1019

**Message**
Drive arg1 in disk drive bay arg2 is no longer the hot-spare drive.

**Arguments**
- `arg1` = number, `arg2` = bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PDR102

**Message**
The Patrol Read operation was manually stopped before completion.

**Detailed Description**
The Patrol Read operation was manually stopped before completion.

**Recommended Response Action**
If desired, restart the Patrol Read operation at a later time.

**Category**
Storage (PDR = Physical Disk)
PDR1020

Message  Consistency check for drive arg1 in disk drive bay arg2 completed.
Arguments  arg1 = number, arg2 = bay
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

PDR1021

Message  Drive arg1 in disk drive bay arg2 is no longer in the critical array.
**PDR1022**

**Message**  
Drive \( \text{arg1} \) in disk drive bay \( \text{arg2} \) is no longer in the failed array.

**Arguments**  
\( \text{arg1} = \text{number}, \text{arg2} = \text{bay} \)

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**iDRAC** ✔ *

**CMC**

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**Arguments**  
\( \text{arg1} = \text{number}, \text{arg2} = \text{bay} \)

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**iDRAC** ✔ *

**CMC**
**PDR1023**

**Message**  
Rebuild completed for drive arg1 in disk drive bay arg2.

**Arguments**  
arg1 = number, arg2 = bay

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**PDR1024**

**Message**  
Drive mismatch detected for drive arg1 in disk drive bay arg2.

**Arguments**  
arg1 = number, arg2 = bay

**Detailed Description**  
The installed disk does not meet the array requirements, for example a SATA disk may not operate in an array containing SAS drives.

**Recommended Response Action**  
Verify the disk meets the array requirements.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2297

**LCD Message**  
Drive mismatch detected for drive <number> in bay <bay>. Install correct drive type

**Redfish Event Type**  
Alert
### PDR1025

**Message**
Drive mismatch corrected for drive `arg1` in disk drive bay `arg2`.

**Arguments**
- `arg1` = number, `arg2` = bay

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2299

**Redfish Event Type**
Alert

---

### PDR103

**Message**
Cryptographic Erase operation is successfully completed on `arg1`.

**Arguments**
- `arg1` = physical disk name

**Detailed Description**
Cryptographic Erase operation is successfully completed on the physical disk drive identified in the message.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2445

OMSA Trap ID
90100

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC

PDR104

Message
The arg1 has turned off because the critical temperature threshold is exceeded.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message has turned off because the critical temperature threshold of the device was exceeded.

Recommended Response Action
Contact your service provider.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

OMSA Event ID
2441

OMSA Trap ID
90400

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔
CMC
PDR105

**Message**
The physical disk drive \texttt{arg1} is assigned as a dedicated hot-spare.

**Arguments**
\texttt{arg1} = physical disk drive name

**Detailed Description**
The physical disk drive identified in the message is assigned as a dedicated hot-spare.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert

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PDR106

**Message**
The physical disk drive \texttt{arg1} is unassigned as a dedicated hot-spare.

**Arguments**
\texttt{arg1} = physical disk drive name

**Detailed Description**
A physical disk identified in the hot-spare that was assigned as a hot spare has been un-assigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically by the storage management software. When one of the disks in a virtual disk fails, data is rebuilt onto the hot spare. The hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. In this situation, assigning a new hot spare to maintain data protection is recommended.

**Recommended Response Action**
No response action is required. Assigning a new dedicated hot spare to the virtual disk is recommended.
PDR107

Message  The physical disk drive arg1 is assigned as a global hot-spare.

Arguments  arg1 = physical disk drive name

Detailed Description  The physical disk drive identified in the message is assigned as a global hot-spare.

Recommended Response Action  No response action is required.
PDR108

**Message**
The physical disk drive *arg1* is unassigned as a global hot spare.

**Arguments**
*arg1* = physical disk drive name

**Detailed Description**
The physical disk identified in the message that had been assigned as a hot spare has been unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically by the storage management software. When one of the disks in a virtual disk fails, data is rebuilt onto the hot spare. The hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. In this situation, assigning a new hot spare to maintain data protection is recommended.

**Recommended Response Action**
No response action is required. Assigning a new global hot spare is recommended.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert

---

PDR11

**Message**
*arg1* rebuild was cancelled.

**Arguments**
*arg1* = physical disk

**Detailed Description**
A user has cancelled the rebuild operation.

**Recommended Response Action**
Restart the rebuild operation.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347
OMSA Event ID 2074
OMSA Trap ID 90100
Redfish Event Type Alert

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**PDR110**

Message The arg1 reliability has degraded.

Arguments arg1 = PCIe solid state device name

Detailed Description The reliability of the PCIe solid state device identified in the message degraded. Data loss is possible.

Recommended Response Action Back up the data on the device, and contact your service provider for further instructions.

Category Storage (PDR = Physical Disk)

Severity Severity 1 (Critical)

OMSA Event ID 2442
OMSA Trap ID 90400
Redfish Event Type Alert

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992
**PDR1100**

Message: Drive arg1 is installed.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 2299

Redfish Event Type: Alert

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**PDR1101**

Message: Fault detected on drive arg1.

Arguments: arg1 = number

Detailed Description: The controller detected a failure on the disk and has taken the disk offline.

Recommended Response Action: Remove and reseat the failed disk. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 2297

LCD Message: Fault detected on drive <number>. Check drive.

Redfish Event Type: Alert
**PDR1102**

**Message**
A predictive failure detected on drive arg1.

**Arguments**
arg1 = number

**Detailed Description**
The controller received a SMART error from the drive. The drive is operational but needs replacement.

**Recommended Response Action**
The drive will need replacement at the next service window.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2298

**Redfish Event Type**
Alert

---

**PDR1103**

**Message**
Drive arg1 is the hot-spare drive.

**Arguments**
arg1 = number

**Detailed Description**
None
PDR1104

Message  Consistency check is in progress for drive arg1.

Arguments  arg1 = number

Recommended Response Action  No response action is required.

Category  System Health (PDR = Physical Disk)

Severity  Severity 2 (Warning)
### PDR1105

**Message**  
Drive arg1 is in the critical array.

**Arguments**  
*arg1 = number*

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**LCD Message**  
Drive <number> is in the critical array. Replace drive.

**Redfish Event Type**  
Alert

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### PDR1106

**Message**  
Drive arg1 is in the failed array.

**Arguments**  
*arg1 = number*

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**LCD Message**  
Drive <number> is in the failed array. Replace drive.

**Redfish Event Type**  
Alert
**PDR1107**

**Message**
Rebuild is in progress for drive arg1.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PDR1108**

**Message**
Rebuild was aborted for drive arg1.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.
**Category**  
System Health (PDR = Physical Disk)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**PDR111**

**Message**  
The volatile memory backup device on arg1 is no longer functional.

**Arguments**  
arg1 = PCIe solid state device name

**Detailed Description**  
The volatile memory backup device on the PCIe solid state device identified in the message is no longer functional. Data loss is possible.

**Recommended Response Action**  
Back up the data on the device, and contact your service provider for further instructions.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**OMSA Event ID**  
2443

**OMSA Trap ID**  
90400

**Redfish Event Type**  
Alert

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**LC Log**  

**LCD**  

**OS Log**  

**Power Off**  

**Power Cycle**  

**Reset**  

**Chassis Event Proxy**  

**iDRAC**  

**CMC**
**PDR1116**

**Message**
Drive arg1 is removed.

**Arguments**
arg1 = number

**Detailed Description**
The controller detected a drive removal

**Recommended Response Action**
If unintended, verify drive installation. Remove and reseat the indicated disk. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2297

**LCD Message**
Drive <number> is removed. Check drive

**Redfish Event Type**
Alert

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**PDR1117**

**Message**
Drive arg1 is operating normally.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2299

**Redfish Event Type**
Alert
### PDR1119

**Message**
Drive `arg1` is no longer the hot-spare drive.

**Arguments**
- `arg1` = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PDR112

**Message**
The `arg1` has reached `arg2` of warranted device wear-out limit.

**Arguments**
- `arg1` = PCIe solid state device name, `arg2` = percent

**Detailed Description**
The PCIe solid state device identified in the message is approaching the warranted wear-out limit.

**Recommended Response Action**
No response action is required.
**PDR1120**

**Message**

Consistency check for drive `arg1` completed.

**Arguments**

`arg1` = number

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

**PDR1121**

**Message**

Drive `arg1` is no longer in the critical array.
Arguments  

arg1 = number

Detailed Description  

None

Recommended Response Action  

No response action is required.

Category  

System Health (PDR = Physical Disk)

Severity  

Severity 3 (Informational)

Redfish Event Type  

Alert

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<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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**PDR1122**

Message  

Drive arg1 is no longer in the failed array.

Arguments  

arg1 = number

Detailed Description  

None

Recommended Response Action  

No response action is required.

Category  

System Health (PDR = Physical Disk)

Severity  

Severity 3 (Informational)

Redfish Event Type  

Alert

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PDR1123

Message       Rebuild completed for drive arg1.
Arguments      arg1 = number
Detailed       None
Description    None
Recommended    No response action is required.
Response Action
Category       System Health (PDR = Physical Disk)
Severity       Severity 3 (Informational)
Redfish Event Type Alert

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PDR113

Message       The arg1 has reached or exceeded its warranted wear-out limit.
Arguments      arg1 = PCIe solid state device name
Detailed       The PCIe solid state device identified in the message has either reached or exceeded the warranted wear-out limit.
Recommended    Back up the data on the device, and contact your service provider for further instructions.
Response Action
Category       Storage (PDR = Physical Disk)
Severity       Severity 2 (Warning)
Trap/EventID   4346
Redfish Event Type Alert

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PDR114

Message
The $arg1$ is approaching read-only mode.

Arguments
$arg1$ = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is between 90% and 100% of reaching read-only mode.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

OMSA Event ID
2440

OMSA Trap ID
90300

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔
CMC

PDR115

Message
The $arg1$ is in read-only mode.

Arguments
$arg1$ = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is in read-only mode.

Recommended Response Action
Back up the data on the device, and contact your service provider for further instructions.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)
PDR116

Message  Predictive failure reported for arg1
Arguments  arg1 = PCIe solid state device name
Detailed Description  The PCIe Solid-State Drive is predicted to fail. Many physical disks contain Self Monitoring Analysis and Reporting Technology (SMART). When enabled, SMART monitors the disk health based on indications such as the number of write operations that were performed on the disk.
Recommended Response Action  Back up the data on the device, and contact your service provider for further instructions.
Category  Storage (PDR = Physical Disk)
Severity  Severity 2 (Warning)

PDR117

Message  The arg1 has turned off because the critical temperature threshold is exceeded.
Arguments: arg1 = PCIe solid state device name

Detailed Description: The PCIe solid state device identified in the message has turned off because the critical temperature threshold of the device was exceeded.

Recommended Response Action: Contact your service provider for further instructions.

Category: Storage (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4345

Redfish Event Type: Alert

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PDR12

Message: arg1 initialization has failed.

Arguments: arg1 = PD Name

Detailed Description: The physical disk has failed or is corrupt.

Recommended Response Action: Replace the failed or corrupt disk. Identify a disk that has failed by locating the disk that has a red ‘X’ for its status. Restart the initialization.

Category: Storage (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4345

OMSA Event ID: 2080

OMSA Trap ID: 90400

Redfish Event Type: Alert

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<th>Email Alert</th>
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### PDR13

**Message**

arg1 rebuild has failed.

**Arguments**

arg1 = physical disk

**Detailed Description**

A physical disk included in the virtual disk has failed or is corrupted. In addition, you may have cancelled the rebuild.

**Recommended Response Action**

Replace the failed or corrupt disk, and then start the rebuild operation.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4345

**OMSA Event ID**

2083

**OMSA Trap ID**

90400

**Redfish Event Type**

Alert

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### PDR14

**Message**

arg1 initialization is complete.

**Arguments**

arg1 = PD Name

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)

Trap/EventID: 4347

OMSA Event ID: 2089

OMSA Trap ID: 90100

Redfish Event Type: Alert

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**PDR15**

Message: *arg1* rebuild is complete.

Arguments: *arg1* = physical disk

Detailed Description: This message is generated after a rebuild completes on a physical disk.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347

OMSA Event ID: 2092

OMSA Trap ID: 90100

Redfish Event Type: Alert

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PDR16

Message
Predictive failure reported for arg1.

Arguments
arg1 = physical disk

Detailed Description
The physical disk is predicted to fail. Many physical disks contain Self Monitoring Analysis and Reporting Technology (SMART). When enabled, SMART monitors the disk health based on indications such as the number of write operations that were performed on the disk.

Recommended Response Action
Replace the physical disk. Even though the disk may not have failed yet, it is strongly recommended that the disk be replaced. Review other messages for additional information.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2094

OMSA Trap ID
90300

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
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✔
✔

CMC
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PDR17

Message
Global hot spare assigned to arg1.

Arguments
arg1 = PD Name

Detailed Description
A user has have assigned a physical disk as a global hot spare. This alert is provided for informational purposes.
Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2099

OMSA Trap ID
90100

Redfish Event Type
Alert

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PDR18

Message
Global hot spare unassigned from arg1.

Arguments
arg1 = PD Name

Detailed Description
A physical disk assigned as a hot spare was unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically unassigned by Storage Management. Storage Management unassigns hot spares were used to rebuild data. Once the data is rebuilt onto the hot spare, the hot spare becomes a member of the virtual disk and is no longer assigned as a hot spare. Assign a new hot spare to maintain data protection in this situation.

Recommended Response Action
Although this alert is provided for informational purposes, you may need to assign a new hot spare to the virtual disk. See Protecting Your Virtual Disk with a Hot Spare for more information.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2099

OMSA Trap ID
90100

Redfish Event Type
Alert
PDR19

Message
SMART FPT exceeded for arg1.

Arguments
arg1 = PD Name

Detailed Description
A disk on the specified controller has received a SMART alert (predictive failure) indicating that the disk is likely to fail in the near future.

Recommended Response Action
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk causes the virtual disk to fail and may cause data loss.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2106

OMSA Trap ID
90300

Redfish Event Type
Alert

PDR2

Message
Insufficient space available on arg1 to perform a copyback operation.
Arguments  
arg1 = physical disk

Detailed Description
This message is generated if a physical disk does not have enough space to do a copyback operation.

Recommended Response Action
Replace the physical disk with a larger physical disk, and then restart the copyback operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID 4346
OMSA Event ID 2198
OMSA Trap ID 90300

Redfish Event Type Alert

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**PDR20**

Message
SMART configuration change for arg1.

Arguments  
arg1 = PD Name

Detailed Description
A disk has received a SMART alert (predictive failure) after a configuration change. The disk is likely to fail in the near future.

Recommended Response Action
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID 4345
OMSA Event ID 2107
OMSA Trap ID 90400

Redfish Event Type Alert
PDR206

Message  
arg1 is a solid state drive (SSD) that is not supported by the controller.

Arguments  
arg1 = physical disk name

Detailed Description  
The storage controller does not support the attached SSD devices.

Recommended Response Action  
Remove SSD devices not supported by the controller, and retry the operation.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 2 (Warning)

OMSA Event ID  
2382

OMSA Trap ID  
90300

Redfish Event Type  
Alert

PDR207

Message  
Unable to assign arg1 as a dedicated hot spare.

Arguments  
arg1 = physical disk name

Detailed Description  
Unable to assign the physical disk as a dedicated hot spare because the selected disk size does not meet the size requirements of the target Virtual Disk.
Recommended Response Action
Select a physical disk that matches the size required for the disks used in the target Virtual Disk, and retry the operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2386

OMSA Trap ID
90100

Redfish Event Type
Alert

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**PDR208**

Message
Instant Secure Erase operation successfully completed on arg1.

Arguments
arg1 = physical disk name

Detailed Description
The secure erase operation successfully completed on the Self-Encrypting Drive (SED) identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

OMSA Event ID
2390

OMSA Trap ID
90100

Redfish Event Type
Alert

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1014
Message:
The power status of arg1 is changed from arg2 to arg3.

Arguments:
- arg1 = physical disk name,
- arg2 = previous power status,
- arg3 = current power status

Detailed Description:
The Manage Physical Disk Power feature is enabled for physical drives and the power status of the drives changed.

Recommended Response Action:
No response action is required.

Category:
Storage (PDR = Physical Disk)

Severity:
Severity 3 (Informational)

OMSA Event ID:
2399

OMSA Trap ID:
90100

Redfish Event Type:
Alert

Filter Visibility:
- IPMI Alert: ✔
- SNMP Alert: ✔
- Email Alert: ✔
- Remote System Log: ✔
- WS Eventing: ✔
- Redfish Eventing: ✔

iDRAC

CMC

Message:
SMART warning for arg1

Arguments:
- arg1 = PD Name

Detailed Description:
A disk has received a SMART alert (predictive failure). The disk is likely to fail in the near future.

Recommended Response Action:
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.
PDR210

Message  Successfully updated configuration data on the \texttt{arg1}.

Arguments  \texttt{arg1} = physical disk name

Detailed Description  This event is generated while initializing the drives during reboot. The controller updated the configuration data on the physical disks identified in the message. The drive configuration was updated because the following conditions were present: 1) The spundown drives were used for configuration. Spundown drives are drives that are temporarily powered off because power saving option is enabled. 2) The storage controller was not able to update the Configuration On Disk (COD) records on the drive while they were spundown.

Recommended Response Action  No response action is required.
PDR211

Message
arg1 has encountered storage medium error.

Arguments
arg1 = physical disk name

Detailed Description
Storage medium error was detected on the disk identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

OMSA Event ID
2416

OMSA Trap ID
90300

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔

CMC

PDR212

Message
The state of arg1 changed from Ready to Non-RAID.

Arguments
arg1 = physical disk name

Detailed Description
The physical disk state has changed from Ready state to Non-RAID state.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)
OMSA Event ID 2425
OMSA Trap ID 90100
Redfish Event Type Alert

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**PDR213**

**Message**

The state of `arg1` changed from Non-RAID to Ready.

**Arguments**

`arg1` = physical disk name

**Detailed Description**

The physical disk state has changed from Non-RAID state to Ready state.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

OMSA Event ID 2426
OMSA Trap ID 90100
Redfish Event Type Alert

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1018
PDR214

Message
The arg1 is not supported because it is not supplied by an authorized hardware provider.

Arguments
arg1 = physical disk name

Detailed Description
The physical disk identified in the message is not compliant with the standards set by the hardware provider and is not supported.

Recommended Response Action
Replace the physical disk with a supported physical disk that is provided by an authorized hardware provider.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

OMSA Event ID
2359

OMSA Trap ID
90300

Redfish Event Type
Alert

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PDR215

Message
Copyback task to arg1 has failed.

Arguments
arg1 = physical disk name

Detailed Description
The Replace Member Disk operation did not complete successfully because of internal errors. The error may be due to problems with the source or target physical disks or the controller may be out of resources.

Recommended Response Action
Retry the Replace Member Disk operation with a different target physical disk. If the problem persists, check the condition of the target physical disk and replace if necessary, then retry the operation.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

OMSA Event ID
2183
OMSA Trap ID: 90400
Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC: ✔ ✔ ✔ ✔ ✔
CMC

LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

iDRAC: ✔ ✔
CMC

PDR216

Message: The disk write cache policy of physical disk drive arg1 is changed.
Arguments: arg1 = drive name
Detailed Description: The disk write cache policy of the physical disk drive identified in the message is changed.
Recommended Response Action: No response action is required.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2451
OMSA Trap ID: 90100
Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

iDRAC: ✔ ✔ ✔ ✔ ✔
CMC

LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

iDRAC: ✔ ✔
CMC

PDR22

Message: SMART warning temperature for arg1
Arguments  
arg1 = PD Name

Detailed Description  
A disk has reached an unacceptable temperature and received a SMART alert (predictive failure). The disk is likely to fail in the near future.

Recommended Response Action  
Do the following: 1) Determine why the physical disk reached an unacceptable temperature. For example, a fan failure, incorrect thermostat settings, or the room temperature may be too hot or cold. 2) Verify that the fans in the server or enclosure are working. 3) If the physical disk is in an enclosure, check the thermostat settings and examine whether the enclosure is located near a heat source. Verify the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information. 4) If you cannot identify why the disk has reached an unacceptable temperature, then replace the disk. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk causes the virtual disk to fail and may cause data loss.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4346

OMSA Event ID  
2109

OMSA Trap ID  
90300

Redfish Event Type  
Alert

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PDR23

Message  
SMART warning degraded for arg1

Arguments  
arg1 = PD Name

Detailed Description  
A disk is degraded and has received a SMART alert (predictive failure). The disk is likely to fail in the near future.

Recommended Response Action  
Replace the disk that has received the SMART alert. If the physical disk is a member of a non-redundant virtual disk, then back up the data before replacing the disk. Removing a physical disk that is included in a non-redundant virtual disk will cause the virtual disk to fail and may cause data loss.
### PDR24

**Message**
Failure prediction threshold exceeded on *arg1* due to test. No action needed.

**Arguments**
*arg1* = PD Name

**Detailed Description**
A disk has received a SMART alert (predictive failure) due to test conditions.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2111

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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PDR5

Message  
arg1 is removed.

Arguments  
arg1 = PD Name

Detailed Description  
A physical disk has been removed from the disk group. This alert can also be caused by loose or defective cables or by problems with the enclosure.

Recommended Response Action  
Do one of the following: 1) If a physical disk was removed from the disk group, either replace the disk or restore the original disk. Identify the disk that was removed by locating the disk that has a red “X” for its status. 2) Perform a rescan after replacing or restoring the disk. 3) If a disk was not removed from the disk group, then check for cable problems. Refer to product documentation for more information on checking the cables. 4) Make sure that the enclosure is powered on. 5) If the problem persists, check the enclosure documentation for further diagnostic information.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4346

OMSA Event ID  
2049

OMSA Trap ID  
90300

Redfish Event Type  
Alert

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PDR50

Message  
Insufficient space on the global hot spare arg1.

Arguments  
arg1 = PD Name
**Detailed Description**
The global hot spare is not large enough to protect all virtual disks that reside on the controller.

**Recommended Response Action**
Assign a larger disk as the global hot spare.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2277

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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**PDR51**

**Message**
Hot spare arg1 SMART polling has failed. arg2

**Arguments**
arg1 = physical disk, arg2 = args

**Detailed Description**
The controller firmware attempted to do SMART polling on the hot spare but could not complete the SMART polling. The controller may have lost communication with the hot spare.

**Recommended Response Action**
Verify the health of the disk assigned as a hot spare. Replace the disk and reassign the hot spare. Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**OMSA Event ID**
2282

**OMSA Trap ID**
90400

**Redfish Event Type**
Alert
PDR52

Message
A redundant path is broken.

Detailed Description
The controller has two connectors that are connected to the same enclosure. The communication path on one connector has lost connection with the enclosure. The communication path on the other connector is reporting this loss.

Recommended Response Action
Make sure the cables are attached securely. See the Cables Attached Correctly section for more information on checking the cables. Make sure both Enclosure Management Modules (EMMs) are healthy.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2283

OMSA Trap ID
90300

Redfish Event Type
Alert

PDR53

Message
A redundant path has been restored for arg1.

Arguments
arg1 = PD Name
Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category

Storage (PDR = Physical Disk)

Severity

Severity 3 (Informational)

Trap/EventID

4347

OMSA Event ID

2284

OMSA Trap ID

90100

Redfish Event Type

Alert

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PDR54

Message

A disk media error on arg1 was corrected during recovery.

Arguments

arg1 = physical disk

Detailed Description

This message is generated after a disk media error is corrected on a physical disk.

Recommended Response Action

No response action is required.

Category

Storage (PDR = Physical Disk)

Severity

Severity 3 (Informational)

Trap/EventID

4347

OMSA Event ID

2285

OMSA Trap ID

90100

Redfish Event Type

Alert
**PDR55**

**Message**
Insufficient space available on the arg1 to perform a rebuild.

**Arguments**
arg1 = physical disk

**Detailed Description**
The physical disk inserted is too small for the rebuild to occur.

**Recommended Response Action**
Replace the physical disk with one of correct protocol (SAS, SATA) with at least the required size. Force rebuild if it does not start automatically.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2305

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

---

**PDR56**

**Message**
Bad block table on arg1 is 80% full.

**Arguments**
arg1 = physical disk
The bad block table is the table used for remapping bad disk blocks. This table fills as bad disk blocks are remapped. When the table is full, bad disk blocks are no longer remapped, which means that disk errors are no longer corrected. At this point, data loss can occur. The bad block table is now 80 percent full.

Replace the disk generating this message.

Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2306
OMSA Trap ID: 90300
Redfish Event Type: Alert

---

PDR57

Message: Bad block table on arg1 is full. Unable to log block arg2.
Arguments: arg1 = physical disk, arg2 = logical block address
Detailed Description: The bad block table is the table used for remapping bad disk blocks. This table fills as bad disk blocks are remapped. When the table is full, bad disk blocks are no longer remapped, which means that disk errors are no longer corrected. At this point, data loss can occur.
Recommended Response Action: Replace the disk generating this message and restore from a backup copy. You may have lost data.
Category: Storage (PDR = Physical Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4345
OMSA Event ID: 2307
OMSA Trap ID: 90400
Redfish Event Type: Alert
**PDR58**

**Message**  
argin1 is incompatible.

**Arguments**  
argin1 = PD Name

**Detailed Description**  
A user attempted to replace a disk with another disk that is using an incompatible technology. For example, replaced one side of a mirror with a SAS disk when the other side of the mirror is using SATA technology.

**Recommended Response Action**  
Refer to the hardware documentation for information on replacing disks.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4346

**OMSA Event ID**  
2309

**OMSA Trap ID**  
90300

**Redfish Event Type**  
Alert

**PDR59**

**Message**  
A bad disk block was reassigned on arg1.

**Arguments**  
argin1 = physical disk
Detailed Description
The disk has a bad block. Data was remapped to another disk block. No data loss has occurred.

Recommended Response Action
Monitor the disk for other messages or indications of poor health.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2331

OMSA Trap ID
90100

Redfish Event Type
Alert

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**PDR6**

Message
arg1 is offline.

Arguments
arg1 = physical disk

Detailed Description
A physical disk in the virtual disk is offline. This may have been user initiated.

Recommended Response Action
Force the physical disk online or assign a hot spare to the virtual disk.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2050

OMSA Trap ID
90300

Redfish Event Type
Alert
PDR60

Message
Error occurred on arg1 : arg2.

Arguments
arg1 = physical disk, arg2 = error code

Detailed Description
The reason for the error can vary depending on the situation. The firmware error code is indicated in the message.

Recommended Response Action
Verify the health of attached devices. Review the Lifecycle log for significant events. Replace faulty hardware, if required. Make sure the cables are attached securely. Refer to the storage hardware documentation for more information on checking the cable connections.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2346

OMSA Trap ID
90300

Redfish Event Type
Alert

PDR61

Message
The rebuild of arg1 failed due to errors on the source physical disk.
Arguments
- **arg1** = physical disk

Detailed Description
It is not possible to rebuild data that resides on a defective disk.

Recommended Response Action
Replace the source disk and restore data from backup.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

OMSA Event ID
2347

OMSA Trap ID
90400

Redfish Event Type
Alert

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**PDR62**

Message
The rebuild failed due to errors on the target **arg1**.

Arguments
- **arg1** = physical disk

Detailed Description
It is not possible to rebuild data that resides on a defective disk.

Recommended Response Action
Replace the target disk. If a rebuild does not automatically start after replacing the disk, then initiate the Rebuild task. You may need to assign the new disk as a hot spare to initiate the rebuild.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

OMSA Event ID
2348

OMSA Trap ID
90400

Redfish Event Type
Alert
PDR63

Message
A bad disk block on arg1 cannot be reassigned during a write operation.

Arguments
arg1 = physical disk

Detailed Description
A write operation cannot complete because the disk contains bad disk blocks that
could not be reassigned. Data loss may have occurred. Data redundancy may be
lost.

Recommended Response Action
Replace the disk.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

OMSA Event ID
2349

OMSA Trap ID
90400

Redfish Event Type
Alert

PDR64

Message
An unrecoverable disk media error occurred on arg1.

Arguments
arg1 = physical disk
Detailed Description
The rebuild or recovery operation encountered an unrecoverable disk media error.

Recommended Response Action
Replace the disk.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

OMSA Event ID
2350

OMSA Trap ID
90400

Redfish Event Type
Alert

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PDR65

Message
arg1 is marked as missing.

Arguments
arg1 = physical disk

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2351

OMSA Trap ID
90100

Redfish Event Type
Alert
### PDR66

**Message**  
arg1 that was marked as missing has been replaced.

**Arguments**  
arg1 = physical disk

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**OMSA Event ID**  
2352

**OMSA Trap ID**  
90100

**Redfish Event Type**  
Alert

---

### PDR67

**Message**  
An unsupported physical disk drive has been detected.

**Detailed Description**  
The physical disk does not comply with the standards set by service provider and is not supported.
Recommended Response Action
Replace the physical disk with a supported physical disk.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

Redfish Event Type
Alert

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PDR68

Message
Dedicated spare arg1 imported as global due to missing disk groups.

Arguments
arg1 = PD Name

Detailed Description
This alert is provided for informational purposes

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2366

OMSA Trap ID
90100

Redfish Event Type
Alert

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PDR69

Message
Rebuild not possible on arg1.

Arguments
arg1 = physical disk

Detailed Description
Physical disk inserted is of the incorrect protocol. SAS or SATA mixing is not supported in the same virtual disk.

Recommended Response Action
Remove drive, insert correct protocol type, and force a rebuild as imposed for controller and system.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2367

OMSA Trap ID
90300

Redfish Event Type
Alert

PDR25

Message
arg1 dead segments are removed.

Arguments
arg1 = PD Name

Detailed Description
Portions of the physical disk that were formerly inaccessible have been recovered. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)
Severity 3 (Informational)

PDR26

Message: arg1 is online.

Arguments: arg1 = physical disk

Detailed Description: A drive has entered the online state. This may be because the system just started or could be because a problem with the drive has been corrected.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

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PDR26

Message: arg1 is online.

Arguments: arg1 = physical disk

Detailed Description: A drive has entered the online state. This may be because the system just started or could be because a problem with the drive has been corrected.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

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1038
PDR27

**Message**
Dedicated hot spare assigned to arg1.

**Arguments**
arg1 = PD Name

**Detailed Description**
A user assigned a physical disk as a dedicated hot spare to a virtual disk. See Protecting Your Virtual Disk with a Hot Spare for more information. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2160

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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PDR28

**Message**
Dedicated hot spare unassigned from arg1.

**Arguments**
arg1 = PD Name

**Detailed Description**
A physical disk that was assigned as a hot spare has been unassigned and is no longer functioning as a hot spare. The physical disk was unassigned by a user or automatically unassigned by Storage Management. Storage Management unassigns hot spares that have been used to rebuild data. Once data is rebuilt onto the hot spare, the hot spare becomes a member of the virtual disk and is no longer
assigned as a hot spare. Assign a new hot spare to maintain data protection in this situation.

Recommended Response Action

Although this alert is provided for informational purposes, you may need to assign a new hot spare to the virtual disk. Refer to product documentation and see the section Protecting Your Virtual Disk with a Hot Spare for more information.

Category

Storage (PDR = Physical Disk)

Severity

Severity 3 (Informational)

Trap/EventID

4347

OMSA Event ID

2161

OMSA Trap ID

90100

Redfish Event Type

Alert

---

PDR29

Message

Rebuild on arg1 completed with error(s).

Arguments

arg1 = PD Name

Detailed Description

See A Rebuild Completes with Errors for more information.

Recommended Response Action

See A Rebuild Completes with Errors for more information.

Category

Storage (PDR = Physical Disk)

Severity

Severity 1 (Critical)

Trap/EventID

4345

OMSA Event ID

2163

OMSA Trap ID

90400

Redfish Event Type

Alert
**Message**

arg1 is not functioning correctly.

**Arguments**

arg1 = PD Name

**Detailed Description**

The RAID Controller may not be able to read/write data to the physical disk drive indicated in the message. This may be due to a failure with the physical disk drive or because the physical disk drive was removed from the system.

**Recommended Response Action**

Remove and re-insert the physical disk drive identified in the message and make sure the physical disk drive is inserted properly. If the issue persists, replace the physical disk drive.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4345

**Redfish Event Type**

Alert

---

**Message**

A global hot spare failed. arg1

**Arguments**

arg1 = PD Name

---

**PDR30**

**Message**

A global hot spare failed. arg1

**Arguments**

arg1 = PD Name
Detailed Description: The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

Recommended Response Action: Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.

Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2201
OMSA Trap ID: 90300
Redfish Event Type: Alert

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PDR31

Message: A global hot spare has been removed. arg1
Arguments: arg1 = PD Name
Detailed Description: The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.
Recommended Response Action: Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
OMSA Event ID: 2202
OMSA Trap ID: 90100
A dedicated hot spare failed. **arg1**

**Arguments**

**arg1** = PD Name

**Detailed Description**

The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.

**Recommended Response Action**

Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4346

**OMSA Event ID**

2203

**OMSA Trap ID**

90300

**Redfish Event Type**

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**Redfish Event Type**

Alert

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1043
PDR33

Message  A dedicated hot spare has been removed. arg1
Arguments  arg1 = PD Name
Detailed Description  The controller cannot communicate with a disk that is assigned as a global hot spare. The disk either failed or was removed. There may also be a bad or loose cable.
Recommended Response Action  Verify that the disk is healthy and installed. Check the cables. Refer to the product documentation and see the Cables Attached Correctly section for more information on checking the cables. If necessary, replace the disk and reassign the global hot spare.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
OMSA Event ID  2204
OMSA Trap ID  90100
Redfish Event Type  Alert

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PDR34

Message  A dedicated hot spare has been automatically unassigned. arg1
Arguments  arg1 = PD Name
Detailed Description  The hot spare is no longer required because the virtual disk it was assigned to has been deleted.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Message: The only hot spare available is a SATA disk arg1.
Arguments: arg1 = PD Name
Detailed Description: The only physical disk available to be assigned as a hot spare is using SATA technology. The physical disks in the virtual disk are using SAS technology. Because of this difference in technology, the hot spare cannot rebuild data if one of the physical disks in the virtual disk fails.
Recommended Response Action: Add a SAS disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.
Category: Storage (PDR = Physical Disk)
Severity: Severity 2 (Warning)
Trap/EventID: 4346
OMSA Event ID: 2206
OMSA Trap ID: 90300
Redfish Event Type: Alert

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1045
The only hot spare available is a SAS disk \textit{arg1}.

The only physical disk available to be assigned as a hot spare is using SAS technology. The physical disks in the virtual disk are using SATA technology. Because of this difference in technology, the hot spare cannot rebuild data if one of the physical disks in the virtual disk fails.

Add a SATA disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.

The \textit{arg1} is not supported.

The physical device may not have a supported version of the firmware or the physical device may not be supported.
**Recommended Response Action**

If the physical device is supported, then update the firmware to a supported version. If the physical device is not supported, then replace the physical device with one that is supported.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2211

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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**LC Log**

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**Message**
A clear operation started on `arg1`.

**Arguments**
`arg1` = physical disk

**Detailed Description**
A user has initiated a clear operation on a physical disk.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2249

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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**PDR39**

**Message**
A blink operation has initiated on arg1.

**Arguments**
arg1 = physical disk

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**OMSA Event ID**
2251;2437

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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**Filter Visibility**
IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔

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**PDR4**

**Message**
arg1 returned to a ready state.

**Arguments**
arg1 = physical disk

**Detailed Description**
A physical drive that was previously in an error state has returned to a ready state.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
Redfish Event Type: Alert

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**PDR40**

Message: The blink operation has ceased on `arg1`.
Arguments: `arg1` = physical disk
Detailed Description: This alert is provided for informational purposes.
Recommended Response Action: No response action is required.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
OMSA Event ID: 2252;2438
OMSA Trap ID: 90100
Redfish Event Type: Alert

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1049
PDR41

Message
The clear operation on arg1 was cancelled.

Arguments
arg1 = physical disk

Detailed Description
The clear command did not complete on the physical disk. This means that some data was not cleared and may be recoverable.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2254

OMSA Trap ID
90100

Redfish Event Type
Alert

Filter Visibility

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PDR42

Message
arg1 has been started.

Arguments
arg1 = physical disk

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2255
OMSA Trap ID 90100
Redfish Event Type Alert

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PDR43

Message The clear operation on arg1 has completed.
Arguments arg1 = physical disk
Detailed Description This message is generated after a clear operation completes on a physical disk.
Recommended Response Action No response action is required.
Category Storage (PDR = Physical Disk)
Severity Severity 3 (Informational)
Trap/EventID 4347
OMSA Event ID 2269
OMSA Trap ID 90100
Redfish Event Type Alert

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PDR44

Message: The clear operation on arg1 failed.

Arguments: arg1 = physical disk

Detailed Description: A Clear task was being performed on a physical disk but the task was interrupted and did not complete successfully. The controller may have lost communication with the disk, the disk was removed, or the cables may be loose or defective.

Recommended Response Action: Verify that the disk is present and not in a Failed state. Make sure the cables are attached securely. See the storage hardware documentation for more information on checking the cables. Restart the Clear task.

Category: Storage (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4345

OMSA Event ID: 2270

OMSA Trap ID: 90400

Redfish Event Type: Alert

Filter Visibility: IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC ✔ ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔ ✔ ✔

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔ ✔
CMC ✔ ✔

PDR46

Message: Patrol Read found an uncorrectable media error on arg1.

Arguments: arg1 = physical disk

Detailed Description: The Patrol Read task has encountered an error that cannot be corrected. There may be a bad disk block that cannot be remapped.

Recommended Response Action: Backup your data from the disk. Start disk initialization and wait for it to complete, then restore the data from the backup to the disk.

Category: Storage (PDR = Physical Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4345
PDR47

Message
A block on arg1 was punctured by the controller.

Arguments
arg1 = physical disk

Detailed Description
The controller encountered an unrecoverable medium error when attempting to read a block on the physical disk and marked that block as invalid. If the controller encountered the unrecoverable medium error on a source physical disk during a rebuild or reconfigure operation, it punctures the corresponding block on the target physical disk. The invalid block clears on a write operation.

Recommended Response Action
Back up the data from the disk. Start disk initialization and wait for it to complete, and then restore the data from a backup copy.

Category
Storage (PDR = Physical Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4345

OMSA Event ID
2273

OMSA Trap ID
90400

Redfish Event Type
Alert

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PDR48

Message
The arg1 rebuild has resumed.

Arguments
arg1 = physical disk

Detailed Description
This message is generated after rebuild resumes on a physical disk.

Recommended Response Action
No response action is required.

Category
Storage (PDR = Physical Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4347

OMSA Event ID
2274

OMSA Trap ID
90100

Redfish Event Type
Alert

PDR49

Message
The dedicated hot spare arg1 is too small.

Arguments
arg1 = PD Name

Detailed Description
The dedicated hot spare is not large enough to protect all virtual disks that reside on the disk group.

Recommended Response Action
Assign a larger disk as the dedicated hot spare.

Category
Storage (PDR = Physical Disk)
Message
arg1 has degraded.

Arguments
arg1 = physical disk

Detailed Description
A physical disk has reported an error condition and may be degraded. The physical disk may have reported the error condition in response to a check consistency or other operation.

Recommended Response Action
Replace the degraded physical disk. Identify the disk that is degraded by locating the disk that has a red "X" for its status. Perform a rescan after replacing the disk.

Category
Storage (PDR = Physical Disk)

Severity
Severity 2 (Warning)

Trap/EventID
4346

OMSA Event ID
2051

OMSA Trap ID
90300

Redfish Event Type
Alert
PDR70

Message  
Copyback started from arg1 to arg2.

Arguments  
arg1 = physical disk, arg2 = physical disk

Detailed Description  
A copyback operation began to copy data from one physical disk to another physical disk. This may be due to a user initiated operation or a predictive failure.

Recommended Response Action  
No response action is required.

Category  
Storage (PDR = Physical Disk)

Severity  
Severity 3 (Informational)

Trap/EventID  
4347

OMSA Event ID  
2060

OMSA Trap ID  
120100

Redfish Event Type  
Alert

---

PDR71

Message  
Copyback completed from arg1 to arg2.

Arguments  
arg1 = physical disk, arg2 = physical disk

Detailed Description  
The copyback operation completed.

Recommended Response Action  
No response action is required.

Category  
Storage (PDR = Physical Disk)
Severity 3 (Informational)

Trap/EventID 4347
OMSA Event ID 2075
OMSA Trap ID 120100
Redfish Event Type Alert

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**PDR72**

**Message** Copyback resumed on arg1 from arg2.

**Arguments**
- **arg1** = physical disk
- **arg2** = physical disk

**Detailed Description** This alert is provided for informational purposes

**Recommended Response Action** No response action is required.

**Category** Storage (PDR = Physical Disk)

**Severity** Severity 3 (Informational)

Trap/EventID 4347
OMSA Event ID 2087
OMSA Trap ID 90100
Redfish Event Type Alert

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### PDR73

**Message**  
Copyback failed from arg1 to arg2.

**Arguments**  
arg1 = physical disk, arg2 = physical disk

**Detailed Description**  
The physical disk participating in the copyback operation failed.

**Recommended Response Action**  
Replace the disk and retry the operation.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4345

**Redfish Event Type**  
Alert

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### PDR74

**Message**  
Copyback cancelled on arg1.

**Arguments**  
arg1 = physical disk

**Detailed Description**  
A user cancelled the copyback operation.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347
OMSA Event ID 2184
OMSA Trap ID 90100
Redfish Event Type Alert

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PDR75

Message Copyback stopped for hot spare arg1.
Arguments arg1 = physical disk
Detailed Description This alert is provided for informational purposes
Recommended Response Action No response action is required.
Category Storage (PDR = Physical Disk)
Severity Severity 2 (Warning)
Trap/EventID 4346
OMSA Event ID 2185
OMSA Trap ID 90300
Redfish Event Type Alert

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PDR76

**Message**
Copyback not possible as SAS or SATA mixing is not supported.

**Detailed Description**
Copyback not possible as SAS or SATA mixing is not supported in the same virtual disk. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**OMSA Event ID**
2200

**OMSA Trap ID**
90300

**Redfish Event Type**
Alert

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PDR77

**Message**
arg1 state changed from READY to Non-RAID.

**Arguments**
arg1 = physical disk

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert
### PDR78

**Message**

arg1 state changed from Non-RAID to READY.

**Arguments**

arg1 = physical disk

**Detailed Description**

This alert is provided for informational purposes.

**Recommended Response Action**

No response action is required.

**Category**

Storage (PDR = Physical Disk)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

**Redfish Event Type**

Alert

### PDR79

**Message**

A user terminated Copyback from arg1 to arg2.

**Arguments**

arg1 = physical disk, arg2 = physical disk

**Detailed Description**

A user aborted an ongoing copyback operation. The operation did not complete.
Recommended Response Action: Re-issue the command.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347

Redfish Event Type: Alert

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PDR8

Message: arg1 is inserted.

Arguments: arg1 = PD Name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347

OMSA Event ID: 2052

OMSA Trap ID: 90100

Redfish Event Type: Alert

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PDR81

Message  Microcode update started on arg1.
Arguments  arg1 = physical disk
Detailed Description  The physical disk firmware update operation has started.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
Redfish Event Type  Alert

PDR82

Message  arg1 security was activated.
Arguments  arg1 = physical disk
Detailed Description  Security on a secure encrypted disk was activated.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4347
### PDR83

**Message**  
arg1 is reprovisioned.

**Arguments**  
arg1 = PD Name

**Detailed Description**  
This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (PDR = Physical Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

---

### PDR84

**Message**  
arg1 Security key has changed.

**Arguments**  
arg1 = physical disk
The Security key on a secure encrypted disk was activated.

No response action is required.

Storage (PDR = Physical Disk)

Severity 3 (Informational)

4347

Alert

Security subsystem errors detected for arg1.

arg1 = physical disk

Errors were detected with security related operations on the disk. The data on the disk might not be retrieved or stored successfully. In addition, the security of the stored data might be at risk.

Verify the disk is a Secure Encrypted Disk and is not locked. If it is not, replace the disk with a Secure Encrypted Disk. See the storage hardware documentation for more information.

Storage (PDR = Physical Disk)

Severity 1 (Critical)

4345

Alert

Security subsystem errors detected for arg1.
PDR86

Message  Bad block table on \textit{arg1} is full.
Arguments \textit{arg1} = physical disk
Detailed Description  The number of blocks on the disk that exhibit an error has exceeded the capacity of the drive to remap. Any future writes to bad sectors will be unrecoverable.
Recommended Response Action  Replace the disk.
Category  Storage (PDR = Physical Disk)
Severity  Severity 2 (Warning)
Trap/EventID 4346
Redfish Event Type  Alert

PDR87

Message  \textit{arg1} was reset.
Arguments \textit{arg1} = physical device
Detailed Description  The physical device was reset. This is a normal part of operations and is not a cause for concern.
Recommended Response Action  No response action is required.
Category  Storage (PDR = Physical Disk)
Severity  Severity 3 (Informational)
Trap/EventID 4347
Redfish Event Type  Alert

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PDR88

Message  Power state change failed on arg1. (from arg2 to arg3)
Arguments  
arg1 = PD Name, arg2 = state, arg3 = state
Detailed Description  When physical drives in spun down power state are configured, the drives should transition to spun up power state. If the drive is not functioning properly, this transition could fail.
Recommended Response Action  Replace the physical disk and try again. Contact technical support if the issue persists.
Category  Storage (PDR = Physical Disk)
Severity  Severity 1 (Critical)
 Trap/EventID  4345
OMSA Event ID  2402
OMSA Trap ID  90400
Redfish Event Type  Alert
**PDR9**

*Message*  
Initialization has started on *arg1*.

*Arguments*  
*arg1* = physical disk

*Detailed Description*  
This alert is provided for informational purposes.

*Recommended Response Action*  
No response action is required.

*Category*  
Storage (PDR = Physical Disk)

*Severity*  
Severity 3 (Informational)

*Trap/EventID*  
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*OMSA Event ID*  
2062

*OMSA Trap ID*  
90100

*Redfish Event Type*  
Alert

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**PDR9000**

*Message*  
Foreign Configuration was detected on *arg1*.

*Arguments*  
*arg1* = physical disk drive name

*Detailed Description*  
Internal Use Only.

*Recommended Response Action*  
Internal Use Only.

*Category*  
Storage (PDR = Physical Disk)

*Severity*  
Severity 2 (Warning)

*Redfish Event Type*  
Alert
PDR93

**Message**
Microcode update on arg1 has completed.

**Arguments**
arg1 = physical disk

**Detailed Description**
The physical disk firmware update operation has completed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PDR = Physical Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4347

**Redfish Event Type**
Alert

---

PDR94

**Message**
Microcode update on arg1 has timed out.

**Arguments**
arg1 = physical disk

**Detailed Description**
The attempt to update the physical disk has timed out. This may be due to too much activity on the bus, a bad update package, or a bad disk.
Recommended Response Action: Retry the update. The update utility may have already performed the retry operation.

Category: Storage (PDR = Physical Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4347

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✓ | ✓ | ✓ |
CMC | ✓ | ✓* | ✓* |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✓* |
CMC | ✓ | ✓*

**PDR95**

Message: Microcode update on arg1 has failed.

Arguments: arg1 = physical disk

Detailed Description: The attempt to update the physical disk has failed. This is due to too much activity on the bus, a bad update package, or a bad disk.

Recommended Response Action: Retry the update. If the update fails a second time, verify the update package is valid. If the update package is valid, replace the failing disk. Contact technical support if the problem persists.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

Trap/EventID: 4346

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✓ | ✓ | ✓ | ✓ |
CMC | ✓ | ✓* | ✓* | ✓ |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✓* |
CMC | ✓ | ✓*
PDR96

Message: Security was disabled on arg1.
Arguments: arg1 = physical disk
Detailed Description: Security on a secure encrypted disk was disabled.
Recommended Response Action: No response action is required.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
Redfish Event Type: Alert

<table>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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PDR97

Message: arg1 security key required.
Arguments: arg1 = physical disk
Detailed Description: The controller detected drives that require security keys for access. Without providing security keys, the drives are unstable.
Recommended Response Action: Provide the security key required to unlock the secure encrypted drives.
Category: Storage (PDR = Physical Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4347
Redfish Event Type: Alert
Message: Command timeout occurred on arg1, arg2.

Arguments: arg1 = physical disk, arg2 = args

Detailed Description: An error occurred while performing an action on the disk.

Recommended Response Action: Check the disk is present or replace the disk.

Category: Storage (PDR = Physical Disk)

Severity: Severity 2 (Warning)

OMSA Event ID: 2405

OMSA Trap ID: 90300

Redfish Event Type: Alert

1072
PFM Event Messages

PFM0001

Message: The value of arg1 is greater than the upper critical threshold.
Arguments: arg1 = sensor name
Detailed Description: The utilization value of the sensor identified in the message is higher than the upper critical threshold.
Recommended Response Action: Check the work load of the server and reduce the workload if necessary to bring the system performance into required ranges. For more information about the specified values, see the relevant product documentation available at the support site.
Category: System Health (PFM = System Performance Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

PFM0002

Message: The value of arg1 is greater than the upper warning threshold.
Arguments: arg1 = sensor name
Detailed Description: The utilization value of the sensor identified in the message is higher than the upper warning threshold.
Recommended Response Action: Check the work load of the server and reduce the workload if necessary to bring the system performance into required ranges. For more information about the specified values, see the relevant product documentation available at the support site.
Category: System Health (PFM = System Performance Event)
Severity: Severity 2 (Warning)
Trap/EventID: 2650
Redfish Event Type: Alert
### PFM0003

**Message**
The value of `arg1` is less than the lower warning threshold.

**Arguments**
`arg1` = sensor name

**Detailed Description**
The utilization value of the sensor identified in the message is lower than the lower warning threshold value.

**Recommended Response Action**
The workload on server is almost zero. Consider assigning additional workloads to the server.

**Category**
System Health (PFM = System Performance Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

_No alerts are applicable for this message_

### PFM0004

**Message**
The value of `arg1` is within specified limits.

**Arguments**
`arg1` = sensor name

**Detailed Description**
The value of the sensor identified in the message is within specified limits.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PFM = System Performance Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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POW Event Messages

POW000

Message: Power on permission error, chassis infrastructure not ready.
Detailed Description: Host failed to power up because chassis infrastructure is not ready. This message has been replaced by Message ID PWR2250
Recommended Response Action: Check status of chassis infrastructure.
Category: Audit (POW = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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POW001

Message: Power on permission error, chassis cover open.
Detailed Description: Host failed to power up because chassis cover is open. This message has been replaced by Message ID PWR2251
Recommended Response Action: Check chassis cover.
Category: Audit (POW = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
POW002

Message
Power on permission error, unknown component installed in Fabric1/Fabric2.

Detailed Description
Host failed to power up because unsupported components installed in Fabric1/Fabric2. This message has been replaced by Message ID PWR2252.

Recommended Response Action
Check for unsupported components installed in Fabric1/Fabric2.

Category
Audit (POW = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

POW003

Message
Power on permission error, no PCI/Mezz card installed in Fabric1/Fabric2.

Detailed Description
Host failed to power up because PCI/Mezz cards not installed in Fabric1/Fabric2. This message has been replaced by Message ID PWR2253.

Recommended Response Action
Install PCI/Mezz card in Fabric1/Fabric2.

Category
Audit (POW = Power Usage)

Severity
Severity 2 (Warning)
POW004

Message	Power on permission error, unacknowledged use of 110V.
Detailed Description	Host failed to power up because of unacknowledged use of 110V. This message has been replaced by Message ID PWR2254
Recommended Response Action	Check for unacknowledged use of 110V.
Category	Audit (POW = Power Usage)
Severity	Severity 2 (Warning)
Redfish Event Type	Alert

POW005

Message	Power on permission error, CMC is in MPCM mode.
Detailed Description	Host failed to power up because CMC MPCM mode is enabled. This message has been replaced by Message ID PWR2255
Recommended Response Action	Disable MPCM mode to power up.
Category	Audit (POW = Power Usage)
### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

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PR Event Messages

PR1

Message  
A replacement part was detected for device: arg1

Arguments  
arg1 = device name

Detailed Description  
The specified device has been replaced.

Recommended Response Action  
No response action is required.

Category  
Configuration (PR = Part Exchange)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

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PR10

Message  
Firmware update will not be performed. Firmware package is not present for arg1

Arguments  
arg1 = device name

Detailed Description  
The Part Replacement feature has detected a firmware difference and would apply firmware based on user settings for the system. However, the previous devices firmware update package is not present on the Lifecycle Controller.

Recommended Response Action  
Use Unified Server Configurator or Dell update package to update device.

Category  
Configuration (PR = Part Exchange)

Severity  
Severity 3 (Informational)
Redfish Event Type: Alert

Message: A required license for the Part Replacement feature is not present, replacement action(s) will not be performed.

Detailed Description: A valid license for this feature is not present.

Recommended Response Action: Obtain license to utilize functionality.

Category: Configuration (PR = Part Exchange)

Severity: Severity 3 (Informational)

Message: Firmware update setting allows version upgrade only and will not be performed.

Detailed Description: The Part Replacement feature has detected a firmware difference and would apply firmware. However, user settings indicate that Part Replacement should perform the upgrade only and not a downgrade to an earlier firmware version.
Recommended Response Action
No response action is required.

Category
Configuration (PR = Part Exchange)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC ✔
CMC ✔

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC ✔
CMC

PR13

Message
Firmware mismatch detected. Configuration changes not applied.

Detailed Description
The Part Replacement feature detected a firmware difference and cannot apply the configuration changes. After the device firmware is updated, configuration changes can be applied.

Recommended Response Action
No response action is required.

Category
Configuration (PR = Part Exchange)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

iDRAC ✔
CMC ✔

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC ✔
CMC

PR14

Message
The configuration could not be applied to device: arg1
Arguments

The device identified in the message could not apply the configuration settings. This may indicate configuration changes since the last system inventory.

Recommended Response Action

Check the current system configuration and retry the operation.

Category

Configuration (PR = Part Exchange)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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PR15

Message

Unable to verify configuration changes for device: arg1

Arguments

arg1 = device name

Detailed Description

The configuration changes requested have not passed the device specific verification check and will not be applied.

Recommended Response Action

No response action is required.

Category

Configuration (PR = Part Exchange)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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### PR16

**Message**
Some of the configuration values could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The device could not apply some of the configuration settings. This may indicate configuration changes since the last system inventory or mutually exclusive settings.

**Recommended Response Action**
Check the current system configuration and ensure all settings are correct. If not, retry the operation.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### PR17

**Message**
Some of the configuration values stored for the previous device could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
Some of the configuration values stored for the previous device could not be applied to the current device. This may be due to firmware version or other differences in the part.

**Recommended Response Action**
Check the devices configuration and ensure that the new configuration is correct for the system.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### PR18

**Message**
Firmware version difference detected for device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
The Part Replacement feature has detected a firmware difference between the current and previous components. Depending on the Part Firmware Update setting value this may cause a firmware update to the replaced part.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PR19

**Message**
Job completed successfully.

**Detailed Description**
The specified job has completed successfully.

**Recommended Response Action**
No response action is required.
Configuration difference detected for device: arg1

The specified device configuration is different from the previous device configuration.

No response action is required.

PR2

Job in progress.
The specified job is in progress.

No response action is required.

Configuration (PR = Part Exchange)

Severity 3 (Informational)

Alert

iDRAC ✔

CMC

Job failed.

The specified job did not complete successfully.

Check the Lifecycle Log for more details associated with this failure then retry the operation.

Configuration (PR = Part Exchange)

Severity 2 (Warning)

Alert

iDRAC ✔

CMC

1087
PR22

**Message**  
Preparing new job.

**Detailed Description**  
This is the initial job status value when a job is created. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Exchange)

**Severity**  
Severity 3 (Informational)

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PR23

**Message**  
Job is ready for execution.

**Detailed Description**  
The specified job is ready to start. It is waiting for scheduling from job control. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Exchange)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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## PR24

**Message**
Job cancelled.

**Detailed Description**
The specified job was cancelled. This could be due to user action or system error. This message is no longer in use in Lifecycle Controller 2.0 as the job control functionality handles this operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

## PR25

**Message**
Missing or corrupt configuration database.

**Detailed Description**
The systems configuration database is missing or is unreadable. This may be due to a user action such as Lifecycle Controller Wipe or a replaced motherboard.

**Recommended Response Action**
Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. Alternatively, use the Unified Server Configurator utility.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
PR26

Message: Missing or corrupt job information.
Detailed Description: The configuration data associated with the specified job could not be located.
Recommended Response Action: Retry the operation. If this issue persists, contact technical support.
Category: Configuration (PR = Part Exchange)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

PR27

Message: Unable to allocate resources.
Detailed Description: The system ran out of memory while attempting to perform an operation. This has been deprecated.
Recommended Response Action: Retry the operation. If more than one operation was attempted retry them one at a time.
Category: Configuration (PR = Part Exchange)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC ✔ | | | | | | | CMC

PR28

Message: Unable to locate device in current configuration.
Detailed Description: The device that the job was intended for is no longer detected. This could be due to the device being removed, disabled, or a failure.
Recommended Response Action: If the device was removed, reinsert the device and retry the operation. If the device was disabled, re-enable the device and retry the operation.
Category: Configuration (PR = Part Exchange)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC ✔ | | | | | | | CMC

PR29

Message: Unable to locate device in previous configuration.
Detailed Description: The device that the job was intended for has no previous information recorded. The request has failed as this information is required to initiate the operation. This has been deprecated.
Recommended Response Action: Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. Alternatively, use the Unified Server Configurator utility.
### Category
Configuration (PR = Part Exchange)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

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### PR3

**Message**
Newer version of firmware found on device: \textit{arg1}

**Arguments**
\textit{arg1} = device name

**Detailed Description**
The current component firmware version is higher than the replaced component firmware version.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

---

### Redfish Event Type
Alert

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### PR30

**Message**
Job processing initialization failure.
Detailed Description
Operation validation was unsuccessful. The command, target and operation data are all validated before proceeding. If any of them are missing or incorrect the request is failed.

Recommended Response Action
Enable the Collect System Inventory on Restart attribute of the Lifecycle Controller and restart the system. After the system has restarted, retry the operation.

Category
Configuration (PR = Part Exchange)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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PR31

Message
Job completed with errors.

Detailed Description
All the tasks in the Job were attempted, but some did not complete successfully.

Recommended Response Action
Check the Lifecycle Log for more details associated with this warning then retry the operation if appropriate.

Category
Configuration (PR = Part Exchange)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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</table>
**PR32**

<table>
<thead>
<tr>
<th>Message</th>
<th>Failed verification of configuration changes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The configuration changes requested, for the indicated job, have not passed the device specific verification check and will not be applied.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the scripts or company documentation and try again</td>
</tr>
</tbody>
</table>

**Category**  Configuration (PR = Part Exchange)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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**PR33**

<table>
<thead>
<tr>
<th>Message</th>
<th>Motherboard replacement detected.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The platform system motherboard was replaced.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>

**Category**  Configuration (PR = Part Exchange)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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</table>
**PR34**

**Message**  
arg1 failed after exceeding retry attempt limit.

**Arguments**  
arg1 = job ID

**Detailed Description**  
The job was attempted but failed unexpectedly. An AC Power loss, system crash, or other interruption during the job processing can cause this failure.

**Recommended Response Action**  
Recreate and resubmit the job.

**Category**  
Configuration (PR = Part Exchange)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

---

**PR35**

**Message**  
Power Supply slot arg1 firmware update will be performed during next system reboot.

**Arguments**  
arg1 = PS slot number

**Detailed Description**  
The Part Replacement feature has detected a firmware difference for the power supply and will start the firmware update process upon system reboot.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (PR = Part Exchange)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
PR36

Message
Version change detected for arg1 firmware. Previous version: arg2, Current version: arg3

Arguments
arg1 = device name, arg2 = previous version, arg3 = current version

Detailed Description
The system has detected a different firmware version than previously recorded for the indicated device. This may be due to a firmware update, rollback, or part replacement.

Recommended Response Action
No response action is required.

Category
Configuration (PR = Part Exchange)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PR4

Message
Older version of firmware found on device: arg1

Arguments
arg1 = device name

Detailed Description
The current component firmware version is lower than the previous component firmware version.
**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PR5**

**Message**
The configuration values stored for the previous device could not be applied to device: arg1

**Arguments**
arg1 = device name

**Detailed Description**
Some or all configuration values stored for the previous device could not be applied to the current device. This may be due to firmware version or other differences in the part.

**Recommended Response Action**
Check the devices configuration and ensure that the new configuration is correct for the system.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**1097**
**PR6**

**Message**
Configuration changes successfully applied to device: \( \text{arg1} \)

**Arguments**
\( \text{arg1} = \text{device name} \)

**Detailed Description**
The configuration values stored for the previous device were applied to the current device.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PR7**

**Message**
New device detected: \( \text{arg1} \)

**Arguments**
\( \text{arg1} = \text{device name} \)

**Detailed Description**
The specified device was added to the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PR = Part Exchange)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
Device not detected: \textit{arg1}

\textbf{Arguments} \hspace{1cm} \textit{arg1} = device name

\textbf{Detailed Description} \hspace{1cm} The indicated device has been removed from the system, is no longer functioning, or has been disabled.

\textbf{Recommended Response Action} \hspace{1cm} If the part is present, make sure it is properly installed. Ensure that the device has not been disabled in the system BIOS or other configuration utility. Contact technical support if the device is still non functional.

\textbf{Category} \hspace{1cm} Configuration (PR = Part Exchange)

\textbf{Severity} \hspace{1cm} Severity 2 (Warning)

\textbf{Redfish Event Type} \hspace{1cm} Alert

\textbf{Message} \hspace{1cm} Firmware update operation initiated.

\textbf{Detailed Description} \hspace{1cm} The Part Replacement feature started the firmware update process based on Part Firmware Update attribute settings.

\textbf{Recommended Response Action} \hspace{1cm} No response action is required.

\textbf{Category} \hspace{1cm} Configuration (PR = Part Exchange)

\textbf{Severity} \hspace{1cm} Severity 3 (Informational)

\textbf{Redfish Event Type} \hspace{1cm} Alert
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PST Event Messages

PST0000

Message
Unrecognized Post Code.

Detailed Description
The BIOS provided a progress code to the iDRAC, but that progress code is not recognized by the current iDRAC firmware.

Recommended Response Action
Do one of the following: 1) Update the iDRAC firmware. 2) Restart the system and retry the operation. If the issue persists, contact your service provider.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Unrecognized Post Code.

Redfish Event Type
Alert

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PST0001

Message
System Power On.

Detailed Description
System BIOS detected the system is turned on.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
System Power On.

Redfish Event Type
Alert
### PST0002

**Message**
CPU Microcode load.

**Detailed Description**
System BIOS has started loading the processor microcode.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
CPU Microcode load.

**Redfish Event Type**
Alert

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### PST0003

**Message**
Chipset Initialization.

**Detailed Description**
System BIOS has started chipset initialization.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)  
LCD Message: Started chipset initialization.  
Redfish Event Type: Alert

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iDRAC  
CMC

PST0004

Message: Memory Configuration.  
Detailed Description: System BIOS has started memory configuration.  
Recommended Response Action: No response action is required.  
Category: System Health (PST = BIOS POST)  
Severity: Severity 3 (Informational)  
LCD Message: Memory configuration started.  
Redfish Event Type: Alert

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iDRAC  
CMC

PST0005

Message: Shadow BIOS.
Detailed Description
System BIOS has started copying image from flash to system memory.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Shadow BIOS operation started.

Redfish Event Type
Alert

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PST0006

Message
Multiprocessor Initialization.

Detailed Description
System BIOS has started initialization multiprocessor support.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Started multiprocessor initialization.

Redfish Event Type
Alert

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CMC
**PST0007**

**Message** POST processing start.

**Detailed Description** System BIOS has started power on self test.

**Recommended Response Action** No response action is required.

**Category** System Health (PST = BIOS POST)

**Severity** Severity 3 (Informational)

**LCD Message** Started power on self test (POST).

**Redfish Event Type** Alert

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**PST0008**

**Message** System Management Mode (SMM) initialization.

**Detailed Description** System BIOS has started System Management Mode (SMM) initialization.

**Recommended Response Action** No response action is required.

**Category** System Health (PST = BIOS POST)

**Severity** Severity 3 (Informational)

**LCD Message** System Management Mode (SMM) initialization.

**Redfish Event Type** Alert

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PCI bus enumeration & video initialization.
System BIOS has started PCI bus enumeration and video initialization.
No response action is required.
System Health (PST = BIOS POST)
Severity 3 (Informational)
PCI bus enumeration & video initialization.
Alert

iDRAC is ready.
The iDRAC initialization is completed.
No response action is required.
System Health (PST = BIOS POST)
Severity 3 (Informational)
iDRAC initialization completed.
Alert
### PST0011

**Message**
Extended Memory test started.

**Detailed Description**
System started extended memory test.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Extended memory test started.

**Redfish Event Type**
Alert

### PST0012

**Message**
Extended Memory test running \ 

**Detailed Description**
System extended memory test in progress.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)
**PST0013**

**Message**  
Extended Memory test running /

**Detailed Description**  
System extended memory test in progress.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 3 (Informational)

**LCD Message**  
Extended Memory test running /

**Redfish Event Type**  
Alert

---

**PST0014**

**Message**  
Extended Memory test completed.
Detailed Description System completed extended memory test.

Recommended Response Action No response action is required.

Category System Health (PST = BIOS POST)

Severity Severity 3 (Informational)

LCD Message Extended Memory test completed.

Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

PST0064

Message Display sign-on.

Detailed Description System BIOS is displaying power on splash screen.

Recommended Response Action No response action is required.

Category System Health (PST = BIOS POST)

Severity Severity 3 (Informational)

LCD Message Display sign-on.

Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC
PST0065

Message: PCI configuration.
Detailed Description: System BIOS is configuring PCI devices.
Recommended Response Action: No response action is required.
Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
LCD Message: PCI configuration.
Redfish Event Type: Alert

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PST0080

Message: An issue was detected. System at boot F1/F2 prompt. Requires entry to continue.
Detailed Description: System is at the F1/F2 prompt because the system BIOS detected an issue other than "No bootable devices".
Recommended Response Action: Check post display screen for details. Press F1 to continue boot, or press F2 to go to setup.
Category: System Health (PST = BIOS POST)
Severity: Severity 2 (Warning)
LCD Message: System BIOS at F1/F2 prompt.
Redfish Event Type: Alert

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1110
No bootable devices.

System is at F1/F2 prompt because the system BIOS was unable to detect a bootable device.

Make sure a bootable device is attached to the system and enabled in BIOS setup. If device is attached and enabled, remove and reapply power to server. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

System Health (PST = BIOS POST)
Severity 1 (Critical)

No bootable devices found. Check bootable devices.

Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC ✔ ✔ ✔
CMC ✔ ✔ ✔

In BIOS Setup Menu.

System is at the BIOS Setup Menu.

No response action is required.

System Health (PST = BIOS POST)
Severity 3 (Informational)

In BIOS Setup Menu.

Alert
PST0083

Message
In BIOS Boot Menu.

Detailed Description
System is at the BIOS Boot Menu.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
In BIOS Boot Menu.

Redfish Event Type
Alert

PST0084

Message
Automated Task application.

Detailed Description
System started the Automated Task application.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)

LCD Message: Automated Task application.

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event

iDRAC | ✔  | ✔  | ✔  |

CMC

PST0085

Message: Performing CSIOR.

Detailed Description: System is performing CSIOR (Collect System Inventory on Restart).

Recommended Response Action: No response action is required.

Category: System Health (PST = BIOS POST)

Severity: Severity 3 (Informational)

LCD Message: Performing CSIOR.

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event

iDRAC | ✔  | ✔  | ✔  |

CMC

PST0086

Message: In Lifecycle Controller.

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event

iDRAC | ✔  | ✔  | ✔  |

CMC

1113
Detailed Description
System BIOS has launched the Lifecycle Controller user interface.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
In Lifecycle Controller.

Redfish Event Type
Alert

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**PST0087**

Message
Initializing iDRAC.

Detailed Description
System BIOS is initializing iDRAC.

Recommended Response Action
No response action is required.

Category
System Health (PST = BIOS POST)

Severity
Severity 3 (Informational)

LCD Message
Initializing iDRAC

Redfish Event Type
Alert

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**PST0088**

**Message**
Preparing to Boot.

**Detailed Description**
System BIOS is preparing to boot the system.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**LCD Message**
Preparing to Boot.

**Redfish Event Type**
Alert

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**PST0089**

**Message**
A problem was detected during Power-On Self-Test (POST).

**Detailed Description**
A problem was detected during Power-On Self-Test (POST). The next logged message contains more specific details for the detected issue.

**Recommended Response Action**
Review the next logged message for the recommended response action to resolve the problem.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
A problem was detected related to the previous server boot.

The next logged message contains more specific details for the detected issue.

Review the next logged message for the recommended response action to resolve the problem.

Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

- iDRAC: ✔
- CMC: ✔

A problem was detected in Memory Reference Code (MRC).

The next logged message contains more specific details for the detected issue.

Review the next logged message for the recommended response action to resolve the problem.

Category: System Health (PST = BIOS POST)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

- iDRAC: ✔
- CMC: ✔
### PST0126

**Message**

Giving control to UEFI aware OS.

**Detailed Description**

System is currently booting to an UEFI compatible operating system. No more POST codes will be generated in this boot sequence.

**Recommended Response Action**

No response action is required.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 3 (Informational)

**LCD Message**

Giving control to UEFI aware OS.

**Redfish Event Type**

Alert

---

### PST0127

**Message**

Giving control to OS.

**Detailed Description**

System BIOS gave control to the operating system.

**Recommended Response Action**

No response action is required.

**Category**

System Health (PST = BIOS POST)
Severity 3 (Informational)

LCD Message Giving control to OS.

Redfish Event Type Alert

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**PST0128**

Message No memory is detected.

Detailed Description System BIOS was unable to detect memory in the system. This exception occurred early in system power on, thus the system may not display video (BIOS Post Exception 80).

Recommended Response Action Inspect System Memory.

Category System Health (PST = BIOS POST)

Severity Severity 1 (Critical)

Trap/EventID 2425

LCD Message No memory is detected. Inspect memory devices

Redfish Event Type Alert

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PST0129

**Message**
Memory is detected, but is not configurable.

**Detailed Description**
System BIOS detected memory, but was unable to configure the memory for system operation. Compare system memory installation to supported system memory configurations. Reduce the system to minimum memory configuration if acceptable. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 81).

**Recommended Response Action**
Compare system memory installation to supported system memory configurations.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Memory is detected, but is not configurable. Check memory devices

**Redfish Event Type**
Alert

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PST0130

**Message**
Memory is configured, but not usable.

**Detailed Description**
During memory configuration system BIOS encountered device failures or speed configurations that resulted in unused memory. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 82)

**Recommended Response Action**
Remove input power. Reseat memory devices or reduce system to minimum supported memory configuration.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Memory is configured, but not usable. Check memory devices
Redfish Event Type  Alert

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**PST0131**

**Message**  System BIOS shadow failed.

**Detailed Description**  Memory errors occurred copying BIOS image into system memory. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 83)

**Recommended Response Action**  Remove input power. Reduce system memory to minimum configuration and apply input power.

**Category**  System Health (PST = BIOS POST)

**Severity**  Severity 1 (Critical)

**LCD Message**  System BIOS shadow failed. Check memory devices

**Redfish Event Type**  Alert

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**PST0132**

**Message**  CMOS failed.

**Detailed Description**  System BIOS detected a failure with CMOS memory during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception Code 84)
**Recommended Response Action**
Check system event log for CMOS battery exceptions. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
CMOS failed. Power cycle system

**Redfish Event Type**
Alert

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**PST0133**

**Message**
DMA controller failed.

**Detailed Description**
System BIOS detected a failure with the DMA controller during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 85)

**Recommended Response Action**
Remove and reapply input power.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
DMA controller failed. Power cycle system

**Redfish Event Type**
Alert

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### PST0134

**Message**
Interrupt controller failed.

**Detailed Description**
System BIOS detected a failure with the interrupt controller during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 86)

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Interrupt controller failed. Power cycle system

**Redfish Event Type**
Alert

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### PST0135

**Message**
Timer refresh failed.

**Detailed Description**
System BIOS detected a timer refresh failure during system POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 87).

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)
Severity: Severity 1 (Critical)
Trap/EventID: 2425
LCD Message: Timer refresh failed. Power cycle system
Redfish Event Type: Alert

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**PST0136**

**Message:** Programmable interval timer error.

**Detailed Description:** System BIOS detected an failure with the programmable interval timer during POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code 88)

**Recommended Response Action:** Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category:** System Health (PST = BIOS POST)

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 2425

**LCD Message:** Programmable interval timer error. Power cycle system

**Redfish Event Type:** Alert

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**PST0137**

**Message**
Parity error.

**Detailed Description**
System BIOS detected a parity error during post. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 89)

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Parity error. Power cycle system

**Redfish Event Type**
Alert

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**PST0138**

**Message**
SuperIO failed.

**Detailed Description**
System BIOS detected a failure with the SIO. This exception occurred early in system power on, thus the system may not display video. (BIOS POST code exception code 8A)

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
SuperIO failure. Power cycle system

**Redfish Event Type**
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### PST0139

**Message**
Keyboard controller failed.

**Detailed Description**
System BIOS detected a failure with the Keyboard Controller. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 8B)

**Recommended Response Action**
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Keyboard controller failed. Power cycle system

**Redfish Event Type**
Alert

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### PST0140

**Message**
System management interrupt initialization failed.

**Detailed Description**
System BIOS failed to initialize the system management interrupt. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code 8C)
Recommended Response Action
Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (PST = BIOS POST)
Severity Severity 1 (Critical)
Trap/EventID 2425
LCD Message SMI initialization failed. Power cycle system
Redfish Event Type Alert

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**PST0141**

Message QuickPath Interconnect (QPI) fatal error.

Detailed Description Quick Path Interconnect failed during system POST. Reboot the system. If problem persists, remove input power and reseat processors. This exception occurred early in system power on, thus the system may not display video.

Recommended Response Action Reboot the system. If problem persists, remove input power and reseat processors.

Category System Health (PST = BIOS POST)
Severity Severity 1 (Critical)
Trap/EventID 2425
LCD Message QuickPath Interconnect (QPI) fatal error. Contact support
Redfish Event Type Alert

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PST0142

Message  MRC fatal error.
Detailed Description  BIOS Memory testing failed. Compare system memory installation to supported system memory configurations. Reduce system configuration to minimum memory configuration. This exception occurred early in system power on, thus the system may not display video.
Recommended Response Action  Compare system memory installation to supported system memory configurations. Reduce system configuration to minimum memory configuration.
Category  System Health (PST = BIOS POST)
Severity  Severity 1 (Critical)
Trap/EventID  2425
LCD Message  Memory initialization error. Contact support
Redfish Event Type  Alert

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PST0143

Message  Intel Trusted Execution Technology (TXT) fatal error.
Detailed Description  TXT boot failed. This could be related to memory errors or an error with the system TXT configuration. A socketed TPM module may have been removed. This exception occurred early in system power on, thus the system may not display video.
Recommended Response Action  Check TPM presence. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (PST = BIOS POST)
Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
Intel Trusted Execution Technology (TXT) fatal error. Contact support

Redfish Event Type
Alert

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**PST0144**

Message
Unable to load required BIOS files.

Detailed Description
System BIOS is unable to load the required BIOS files.

Recommended Response Action
Remove and reapply power to server. If the problem persists, contact your server provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

LCD Message
Unable to load required BIOS files.

Redfish Event Type
Alert

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PST0192

Message
Shut-down test failed.

Detailed Description
System BIOS shutdown test failed during POST. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C0).

Recommended Response Action
Check system event log for CMOS battery exceptions. Remove and reapply input power. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
Shut-down test failed. Power cycle system

Redfish Event Type
Alert

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PST0193

Message
BIOS POST memory test failed.

Detailed Description
System BIOS POST memory test failed. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C1)

Recommended Response Action
Compare system memory installation to supported system memory configurations. Reduce system configuration to minimum memory configuration.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

Trap/EventID
2425

LCD Message
BIOS POST memory test failed. Check memory devices

Redfish Event Type
Alert
**PST0194**

**Message**
Remote access controller configuration failed.

**Detailed Description**
System BIOS could not configure the Remote Access controller. This exception occurred early in system power on, thus the system may not display video. (BIOS POST exception code C2)

**Recommended Response Action**
Cycle input power and power on the system. If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PST = BIOS POST)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2425

**LCD Message**
Remote access controller configuration failed. Check screen message

**Redfish Event Type**
Alert

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**PST0195**

**Message**
CPU configuration failed.

**Detailed Description**
The current processor configuration is unsupported or encountered a fatal exception during POST. Check the processor configuration. This exception
occurred early in system power on, thus the system may not display video. (BIOS POST exception code C3).

**Recommended Response Action**

Review system processor configuration and reduce the system to the minimum configuration.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2425

**LCD Message**

CPU configuration failed. Check screen message

**Redfish Event Type** Alert

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**PST0196**

**Message**

Incorrect memory configuration.

**Detailed Description**

System BIOS detected an invalid memory population. Reinstall the memory to match the supported population. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code C4)

**Recommended Response Action**

Re-install memory to match supported memory configuration.

**Category**

System Health (PST = BIOS POST)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2425

**LCD Message**

Incorrect memory configuration. Review User Guide

**Redfish Event Type** Alert

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PST0208

Message
System BIOS has halted.

Detailed Description
System BIOS has halted and is unable to continue.

Recommended Response Action
Do one of the following: 1) If new hardware has been added, remove the new hardware and restart the server, 2) Turn server off and back on using the power button, or 3) Remove and reapply server input power. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)

Severity
Severity 1 (Critical)

LCD Message
System BIOS has halted. Check console for details.

Redfish Event Type
Alert

PST0209

Message
System BIOS has halted due to Non-Maskable Interrupt (NMI).

Detailed Description
System BIOS has halted and is unable to continue. System BIOS has detected a Non-Maskable Interrupt (NMI) which may have been caused by a hardware change.

Recommended Response Action
Do one of the following: 1) If new hardware has been added, remove the new hardware and restart the server, 2) Turn server off and back on using the power button, or 3) Remove and reapply server input power. If the problem persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PST = BIOS POST)
Severity Severity 1 (Critical)

LCD Message System halted due to NMI: Check Console for Details

Redfish Event Type Alert

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**PST0254**

Message General failure after video.

Detailed Description System BIOS detected a functional or configuration issue during system POST. Check the system video screen for more information. The system event log may contain additional details. This exception occurred early in system power on, thus the system may not display video. (BIOS POST Exception code FE).

Recommended Response Action Check system video and review event log for additional information.

Category System Health (PST = BIOS POST)

Severity Severity 1 (Critical)

Trap/EventID 2425

LCD Message General failure after video. Check screen message

Redfish Event Type Alert

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**PST0256**

**Message**  
POST fatal error detected.

**Detailed Description**  
System BIOS detected a functional or configuration issue during system POST. Check the system video screen for more information. The system event log may contain additional details.

**Recommended Response Action**  
Check system video and review event log for additional information.

**Category**  
System Health (PST = BIOS POST)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2425

**LCD Message**  
POST fatal error detected. Contact support

**Redfish Event Type**  
Alert

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PSU Event Messages

PSU0000

Message          Power supply arg1 is present.
Arguments        arg1 = number
Detailed Description None
Recommended Response Action No response action is required.
Category        System Health (PSU = Power Supply)
Severity        Severity 3 (Informational)
Trap/EventID    2187
Redfish Event Type Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC             ✔          ✔*          ✔          ✔            ✔          ✔          ✔          
CMC               ✔          ✔*          ✔*          ✔*            ✔          ✔          ✔          

LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC    ✔*          
CMC      ✔*          

PSU0001

Message          Power supply arg1 failed.
Arguments        arg1 = number
Detailed Description None
Recommended Response Action Remove and re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category        System Health (PSU = Power Supply)
Severity
Severity 1 (Critical)
Trap/EventID
2185
LCD Message
PSU <number> failed. Check PSU
OMSA Event ID
5300
Redfish Event Type
Alert

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**PSU0002**

**Message**
A predictive failure detected on power supply arg1.

**Arguments**
arg1 = number

**Detailed Description**
System performance and power redundancy may be degraded or lost.

**Recommended Response Action**
Remove and re-install the power supply at the next service window. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2186

**LCD Message**
Predictive failure on PSU <number>. Check PSU

**Redfish Event Type**
Alert

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PSU0003

**Message**  
The power input for power supply arg1 is lost.

**Arguments**  
arg1 = number

**Detailed Description**  
The power supply is installed correctly but an input source is not connected or is not functional.

**Recommended Response Action**  
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2185

**LCD Message**  
Power input for PSU <number> is lost. Check PSU cables

**Redfish Event Type**  
Alert

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PSU0004

**Message**  
The power input for power supply arg1 is outside of range.

**Arguments**  
arg1 = number

**Detailed Description**  
The operating requirements for the power supply may be found in product documentation or on the power supply itself.

**Recommended Response Action**  
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2185

**LCD Message**  
Power input for PSU <number> is outside of range. Check PSU cables

**Redfish Event Type**  
Alert
PSU0005

Message The power input for power supply arg1 is outside of the allowable range, but it is attached to the system.

Arguments arg1 = number

Detailed Description The operating requirements for the power supply may be found in product documentation or on the power supply itself.

Recommended Response Action Verify the input power is within the operating requirements for the power supply.

Category System Health (PSU = Power Supply)

Severity Severity 2 (Warning)

Trap/EventID 2186

OMSA Event ID 5353

OMSA Trap ID 5353

Redfish Event Type Alert

PSU0006

Message Power supply arg1 is incorrectly configured.

Arguments arg1 = number
Detailed Description: The power supply identified in the message must be supported by the platform. Generally, multiple power supplies in the server should have the same feature set and power rating.

Recommended Response Action: Review server product documentation for supported power supplies and power supply configurations.

Category: System Health (PSU = Power Supply)

Severity: Severity 1 (Critical)

Trap/EventID: 2185

LCD Message: Power supply <number> is incorrectly configured. Check PSU.

OMSA Event ID: 5354

OMSA Trap ID: h

Redfish Event Type: Alert

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**PSU0007**

Message: Power supply arg1 is operating at 110 volts, and could cause a circuit breaker fault.

Arguments: arg1 = number

Detailed Description: A power supply that is designed to operate at 220V, but is connected to a 110V power source requires additional current for operation. The additional current may trip circuit-breakers or cause other electrical issues with the input source.

Recommended Response Action: Check input power source and cabling. Use recommended input power. Review the product documentation. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (PSU = Power Supply)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
PSU0017
Message	Power supply arg1 is operating normally.
Arguments	arg1 = number
Detailed Description	None
Recommended Response Action	No response action is required.
Category	System Health (PSU = Power Supply)
Severity	Severity 3 (Informational)
Trap/EventID	2187
OMSA Event ID	5352
OMSA Trap ID	5352
Redfish Event Type	Alert

PSU0019
Message	The input power for power supply arg1 has been restored.
Arguments	arg1 = number
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
2187

Redfish Event Type
Alert

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PSU0022

Message
Power supply arg1 is correctly configured.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
2187

Redfish Event Type
Alert

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PSU0023

Message
Power supply $arg1$ operating at 110 volts has been acknowledged by user.

Arguments
$arg1$ = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PSU0031

Message
Cannot communicate with power supply $arg1$.

Arguments
$arg1$ = number

Detailed Description
The power supply may operate, however power supply monitoring will be degraded. System performance may be degraded.

Recommended Response Action
Remove and re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
2185
LCD Message
Cannot communicate with PSU <number>. Reseat PSU.

Redfish Event Type Alert

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**PSU0032**

Message The temperature for power supply arg1 is in a warning range.

Arguments arg1 = number

Detailed Description System performance may be degraded.

Recommended Response Action Check the system operating environment, including airflow and inlet temperature. Check system logs for temperature and thermal component failures.

Category System Health (PSU = Power Supply)

Severity Severity 2 (Warning)

Trap/EventID 2186

Redfish Event Type Alert

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**PSU0033**

Message The temperature for power supply arg1 is outside of range.

Arguments arg1 = number
Detailed Description
System performance may be degraded.

Recommended Response Action
Check the system operating environment, including airflow and inlet temperature.
Check system logs for temperature and thermal component failures.

Category System Health (PSU = Power Supply)
Severity Severity 1 (Critical)
Trap/EventID 2185

LCD Message PSU <number> temperature outside of range. Check PSU

Redfish Event Type Alert

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PSU0034

Message An under voltage fault detected on power supply arg1.

Arguments arg1 = number

Detailed Description This failure may be the result of an electrical issue with cables or subsystem components in the system.

Recommended Response Action 1) Remove and re-install the power supply. 2) Check cables and subsystem components in the system for damage. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (PSU = Power Supply)
Severity Severity 1 (Critical)
Trap/EventID 2185

LCD Message An under voltage fault detected on PSU <number>. Check power source.

Redfish Event Type Alert

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1144
PSU0035

Message: An over voltage fault detected on power supply arg1.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: Check input power, replace or re-install the power supply. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)
Trap/EventID: 2185

PSU0036

Message: An over current fault detected on power supply arg1.
Arguments: arg1 = number
Detailed Description: This failure may be the result of an electrical issue with cables or subsystem components in the system.
Recommended Response Action: 1) Remove and re-install the power supply. 2) Check cables and subsystem components in the system for damage. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2185

**LCD Message**  
An over current fault detected on PSU <number>. Check PSU.

**Redfish Event Type**  
Alert

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**PSU0037**

**Message**  
Fan failure detected on power supply arg1.

**Arguments**  
arg1 = number

**Detailed Description**  
None

**Recommended Response Action**  
Check for fan blockage. If not replace the power supply.

**Category**  
System Health (PSU = Power Supply)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2185

**LCD Message**  
Fan failure detected on PSU <number>. Check PSU.

**Redfish Event Type**  
Alert

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PSU0038

Message  Power supply arg1 fan is operating normally.
Arguments  arg1 = number
Detailed Description  None
Recommended Response Action  No response action is required
Category  System Health (PSU = Power Supply)
Severity  Severity 3 (Informational)
Trap/EventID  2187
Redfish Event Type  Alert

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PSU0039

Message  An under current fault detected on power supply arg1.
Arguments  arg1 = number
Detailed Description  Insufficient amount of current to keep power supply operating at a normal levels.
Recommended Response Action  1) Remove and re-install the power supply input cord. 2) Check power distribution or PSU input source for anomalies. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (PSU = Power Supply)
Severity  Severity 1 (Critical)
Trap/EventID  2185
LCD Message  Under current fault detected on PSU <number>. Check PSU.
Redfish Event Type  Alert
### PSU0040

**Message**
An output under voltage fault detected on power supply `arg1`.

**Arguments**
`arg1` = number

**Detailed Description**
The power supply output voltage is insufficient to keep system operating at a normal levels.

**Recommended Response Action**
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Output under voltage fault detected on PSU `<number>`.

**Redfish Event Type**
Alert

### PSU0041

**Message**
An output over voltage fault detected on power supply `arg1`.

**Arguments**
`arg1` = number
Detailed Description

Recommended Response Action
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (PSU = Power Supply)
Severity Severity 1 (Critical)
Trap/EventID 2185
LCD Message Output over voltage fault on PSU <number>. Check PSU

Redfish Event Type Alert

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PSU0042

Message An output over current fault detected on power supply arg1.
Arguments arg1 = number
Detailed Description none
Recommended Response Action 1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (PSU = Power Supply)
Severity Severity 1 (Critical)
Trap/EventID 2185
LCD Message Output over current fault detected on PSU <number>. Check PSU.
Redfish Event Type Alert
# PSU0043

**Message**
An output under current fault detected on power supply `arg1`.

**Arguments**
`arg1` = number

**Detailed Description**
None

**Recommended Response Action**
1) Remove the power supply input cord and then remove power supply. 2) Re-install the power supply and then re-install the power supply cord. 3) If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Output under current fault detected on PSU <number>. Check PSU.

**Redfish Event Type**
Alert

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# PSU0044

**Message**
Cannot obtain status information from power supply `arg1`.

**Arguments**
`arg1` = number

1150
Detailed Description
The power supply is operating but the system cannot get status information.

Recommended Response Action
If problem persist, remove and re-install power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
2186

Redfish Event Type
Alert

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PSU0045

Message
Power supply arg1 status information successfully obtained.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
2187

Redfish Event Type
Alert

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PSU0046

Message: Communication has been restored to power supply arg1.
Arguments: arg1 = number
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Trap/EventID: 2187
Redfish Event Type: Alert

PSU0076

Message: A power supply wattage mismatch is detected; power supply arg1 is rated for arg2 watts.
Arguments: arg1 = number, arg2 = value
Detailed Description: Power supplies should be of the same input type and power rating.
Recommended Response Action: Install matched power supplies and review product documentation for proper configuration.
Category: System Health (PSU = Power Supply)
Severity: Severity 1 (Critical)
**PSU0077**

**Message**
Power supply arg1 vendor type mismatch detected.

**Arguments**
arg1 = number

**Detailed Description**
Power supplies should be of the same input type and power rating.

**Recommended Response Action**
Install matched power supplies and review product documentation for proper configuration.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**OMSA Event ID**
5354

**OMSA Trap ID**
5354
PSU0078

**Message**
Power supply arg1 revision mismatch detected.

**Arguments**
arg1 = number

**Detailed Description**
This power supply revision is not supported for this system.

**Recommended Response Action**
Review product documentation, change power supply with correct revision.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**OMSA Event ID**
5354

**OMSA Trap ID**
5354

**Redfish Event Type**
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PSU0080

**Message**
Power supply arg1 voltage rating does not match the systems requirements.

**Arguments**
arg1 = number

**Detailed Description**
The system does not support mixed voltage power supplies.

**Recommended Response Action**
Review product documentation, change power supply with correct voltage rating.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**Redfish Event Type**
Alert
PSU0090

Message: Power supply arg1 wattage mismatch corrected.

Arguments:
arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Trap/EventID: 2187

Redfish Event Type: Alert

---

PSU0091

Message: Power supply unit arg1 rating exceeds the system power distribution limits.

Arguments:
arg1 = PSU number

Detailed Description: The rating of the power supply unit identified in the message should not exceed system power distribution limits.
Recommended Response Action
Remove the power supply unit identified in the message and review server product documentation for appropriate configuration.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
2186

LCD Message
Power supply <number> exceeds power distribution limits. Remove PSU.

Redfish Event Type
Alert

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PSU0092

Message
Power supply unit arg1 rating is appropriate for the system power distribution limits.

Arguments
arg1 = PSU number

Detailed Description
The rating of the power supply unit identified in the message does not exceed system power distribution limits.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Trap/EventID
2187

Redfish Event Type
Alert

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PSU0800

Message
Power Supply arg1: Status = 0x arg2, IOUT = 0x arg3, VOUT = 0x arg4, TEMP = 0x arg5, FAN = 0x arg6, INPUT = 0x arg7

Arguments
arg1 = PSU_name, arg2 = PSU_Status, arg3 = Output_Current, arg4 = Output_Voltage, arg5 = Temp, arg6 = Fan, arg7 = Input

Detailed Description
Lists the complete status of the power supply unit.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing
iDRAC
CMC

PSU0801

Message
Power Supply arg1: CRC error detected

Arguments
arg1 = PSU_Name

Detailed Description
The Power Supply had a CRC error detected

Recommended Response Action
Acquire the power supply firmware image and update the power supply indicated in the message.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
PSU0802

Message
The power supply redundancy policy on the system has been set.

Detailed Description
The power supply redundancy policy on the system has been set.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PSU0803

Message
Insufficient power in chassis to power on server.

Detailed Description
Insufficient power in chassis to power on server.

Recommended Response Action
Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, retry the operation.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)
PSU0900

Message Power unit arg1 is off.
Arguments arg1 = number
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (PSU = Power Supply)
Severity Severity 3 (Informational)

PSU0901

Message Power unit arg1 is on.
Arguments arg1 = number
Detailed Description None
Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**PSU0902**

Message: Power unit arg1 was power cycled.

Arguments: arg1 = number

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PSU = Power Supply)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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PSU0904

Message  Could not power down 240VA on power unit $arg1$.
Arguments  $arg1$ = number
Detailed Description  In order to meet service requirements the supply must be shut down.
Recommended Response Action  Remove input power at the power supply.
Category  System Health (PSU = Power Supply)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

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PSU0906

Message  An interlock power down error detected on power unit $arg1$.
Arguments  $arg1$ = number
Detailed Description  In order to meet service requirements the supply must be shut down.
Recommended Response Action  Remove input power at the power supply.
Category  System Health (PSU = Power Supply)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

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PSU0907

Message
An interlock power down error was corrected for power unit arg1.

Arguments
arg1 = number

Detailed Description
None

Recommended Response Action
Remove input power at the power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PSU0908

Message
Power lost on power unit arg1.

Arguments
arg1 = number

Detailed Description
The power supply is installed correctly but an input source is not connected or is not functional.

Recommended Response Action
Verify the input source is attached to the power supply. Verify the input power is within the operating requirements for the power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

OMSA Event ID
5354

OMSA Trap ID
5354
**PSU0909**

**Message**
Power restored on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PSU0910**

**Message**
Soft power control failure detected on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
The system did not respond correctly to a power down request.
**Recommended Response Action**
Disconnect Input Power

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**PSU0911**

**Message**
Soft power control restored on power unit *arg1*.

**Arguments**
*arg1* = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PSU0912**

**Message**
A failure detected on power unit \textit{arg1}.

**Arguments**
\textit{arg1} = number

**Detailed Description**
Status from the power supply indicates a power supply exception occurred. The power supply will try to operate in a degraded state. System Performance and power redundancy may be degraded or lost.

**Recommended Response Action**
Check input power. Re-install the power supply. If problem persists contact support.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5354

**OMSA Trap ID**
5354

**Redfish Event Type**
Alert

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**PSU0913**

**Message**
Power unit \textit{arg1} is operating normally.

**Arguments**
\textit{arg1} = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**PSU0914**

**Message**
A predictive failure detected on power unit arg1.

**Arguments**
arg1 = number

**Detailed Description**
Status from the power supply indicates a power supply exception occurred. The power supply will try to operate. System Performance and power redundancy may be degraded or lost.

**Recommended Response Action**
Remove input power and re-install supply at the next service window.

**Category**
System Health (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5353

**OMSA Trap ID**
5353

**Redfish Event Type**
Alert

---

**PSU100**

**Message**
Power supply arg1 is offline.

**Arguments**
arg1 = power supply unit
Detailed Description: The power supply unit identified in the message is offline, because of the one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.

Recommended Response Action: Do one of the following to resolve the issue: 1) reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit 4) Restore the input power supply.

Category: System Health (PSU = Power Supply)

Severity: Severity 2 (Warning)

OMSA Event ID: 5303

Redfish Event Type: Alert

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**PSU1000**

Message: Power supply cable has been removed from arg1.

Arguments: arg1 = PSU Sensor Name

Detailed Description: The power supply unit is not receiving input AC power. The power cable may not be connected properly or removed. This can happen if there is an AC failure or problems with the power strip attached to the enclosure power supply.

Recommended Response Action: Reconnect the power cable to the power supply unit if it was disconnected. Restore the input AC power supply. Make sure the power supply is restored to the enclosure from the mains.

Category: Storage (PSU = Power Supply)

Severity: Severity 2 (Warning)

Trap/EventID: 4234

OMSA Event ID: 2312;2313

OMSA Trap ID: 100300

Redfish Event Type: Alert
PSU1001

Message  
arg1 has failed.

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
The enclosure detected that a power supply unit has failed.

Recommended Response Action  
Check for other messages related to the state of the power supply unit/enclosure. These may help determine the cause of this event. Contact technical support if the issue still persists.

Category  
Storage (PSU = Power Supply)

Severity  
Severity 1 (Critical)

Trap/EventID  
4233

Redfish Event Type  
Alert

PSU1002

Message  
arg1 was removed

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
The enclosure detected that a power supply unit was removed and is no longer functioning in optimal condition.
Recommended Response Action
Re-insert the power supply unit into the enclosure. Re-connect the AC power cable and switch on the power supply unit. Contact technical support if the issue persists.

Category
Storage (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
4233

OMSA Event ID
2324

OMSA Trap ID
100400

Redfish Event Type
Alert

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</table>

PSU1003

Message
arg1 is switched OFF.

Arguments
arg1 = PSU Sensor Name

Detailed Description
The power supply is not providing any power. This may be because the power supply switch is in the off position or the power supply has failed.

Recommended Response Action
Check whether the power switch on the power supply unit is turned off or on. If it is turned off, turn it on. If the problem is not corrected, verify that the power cord is attached and functional. See the storage hardware documentation for more information.

Category
Storage (PSU = Power Supply)

Severity
Severity 2 (Warning)

Trap/EventID
4234

Redfish Event Type
Alert

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</table>
**PSU1004**

**Message**
Power supply cable has been inserted into arg1.

**Arguments**
arg1 = PSU Sensor Name

**Detailed Description**
The enclosure detected that AC power supply was restored to the power supply unit.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4235

**OMSA Event ID**
2325

**OMSA Trap ID**
100100

**Redfish Event Type**
Alert

**Filter Visibility**
IPMI
SNMP
Email
Remote System Log
WS Eventing
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- **CMC**
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  - ✔️

**PSU1005**

**Message**
arg1 is switched on.

**Arguments**
arg1 = PSU sensor name

**Detailed Description**
The enclosure detected that a power supply unit was switched on.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PSU = Power Supply)
Severity 3 (Informational)

PSU1006

Message

$arg1$ was inserted.

Arguments

$arg1$ = PSU sensor name

Detailed Description

The enclosure detected that a power supply unit was inserted.

Recommended Response Action

No response action is required.

Category

Storage (PSU = Power Supply)

Severity

Severity 3 (Informational)
PSU1007

Message  
arg1 has failed.

Arguments  
arg1 = PSU Sensor Name

Detailed Description  
A device has been failed and the system is no longer functioning in optimal condition.

Recommended Response Action  
Replace the device.

Category  
Storage (PSU = Power Supply)

Severity  
Severity 1 (Critical)

Trap/EventID  
4233

Redfish Event Type  
Alert

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PSU101

Message  
Power supply arg1 is not present.

Arguments  
arg1 = power supply unit

Detailed Description  
The power supply unit identified in the message is not present, because of the one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.

Recommended Response Action  
Do one of the following to resolve the issue: 1) reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit 4) Restore the input power supply.

Category  
System Health (PSU = Power Supply)

Severity  
Severity 1 (Critical)

OMSA Event ID  
5352

OMSA Trap ID  
5352
**PSU1010**

**Message**  
The DC power supply is switched off.

**Detailed Description**  
The power supply unit is switched off. Either you have switched off the power supply unit or it is defective.

**Recommended Response Action**  
Check to see whether the power switch is turned off or on. If it is turned off, turn it on. If the problem is not corrected, verify that the power cord is attached and functional. If the problem continues or if the power switch is already turned on, then replace the power supply unit.

**Category**  
Storage (PSU = Power Supply)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4233

**PSU102**

**Message**  
Power supply arg1 status is unknown.

**Arguments**  
arg1 = power supply unit
Detailed Description
The status of the power supply unit identified in the message is unknown, because of one of the following reasons: 1) The power supply unit is not correctly seated. 2) The power cable may not be connected properly or disconnected. 3) The power supply unit has failed. 4) There is an input power failure.

Recommended Response Action
Do one of the following to resolve the issue: 1) reseat the power supply unit. 2) Reconnect the power cable to the power supply unit. 3) Install a new power supply unit 4) Restore the input power supply.

Category
System Health (PSU = Power Supply)

Severity
Severity 2 (Warning)

OMSA Event ID
5351

Redfish Event Type
Alert

---

**PSU1050**

**Message**
arg1 is switched ON.

**Arguments**
arg1 = power supply name

**Detailed Description**
The power supply identified in the message is switched ON.

**Recommended Response Action**
No response action is required.

**Category**
Storage (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2323

**OMSA Trap ID**
100100

**Redfish Event Type**
Alert

---
PSU500

Message
 Unable to get the current server power status.

Detailed Description
Racadm tool cannot obtain the power status possible reason is that the IPMI call failed.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

PSU501

Message
Server is already powered ON.

Detailed Description
The server was already up, when the user gave a power on request.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

PSU502

Message
Server is already powered OFF.

Detailed Description
The server was already down, when the user gave a power off request.

Recommended Response Action
No response action is required.

Category
System Health (PSU = Power Supply)

Severity
Severity 3 (Informational)
PSU503

Message: Server power status: arg1
Arguments: arg1 = Status
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PSU504

Message: Server power operation successful
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: System Health (PSU = Power Supply)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PSU8501

Message: Unable to retrieve PSU arg1 input voltage information.
Arguments: arg1 = slot number
Detailed Description: Unable to retrieve input voltage information for the PSU specified in the message.
Recommended Response Action: Remove the PSU from the chassis, wait for two minutes, and reinsert it. If the issue persists, contact your service provider.
Category: Audit (PSU = Power Supply)
**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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</table>

**PSU8502**

**Message**  The PSU in slot arg1 detected 110 VAC input voltage and does not match chassis configuration.

**Arguments**  arg1 = slot number

**Detailed Description**  The input voltage of the PSU specified in the message does not match the input voltage of the PSUs already present in the chassis.

**Recommended Response Action**  Do the following: 1) Check the power configuration ‘Allow 110 VAC Operation’ setting and make sure it is enabled. 2) Check if the input voltage of all the PSUs are the same. 3) If the input voltage of the PSU specified in the message is not the same, then remove the unmatched PSU.

**Category**  Audit (PSU = Power Supply)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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PSU8503

Message
The PSU in slot arg1 detected 220 VAC input voltage and does not match chassis configuration.

Arguments
arg1 = slot number

Detailed Description
The input voltage of the PSU specified in the message does not match the input voltage of the PSUs already present in the chassis.

Recommended Response Action
Do the following: 1) Check if the input voltage of all the PSUs are the same. 2) If the input voltage of the PSU specified in the message is not the same, then remove the unmatched PSU.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

PSU8504

Message
The Allow 110 VAC Operation overload risk is not acknowledged.

Detailed Description
Selecting the Allow 110 VAC Operation involves potential risk that an overload can occur. The overload risk was not acknowledged in the CMC Web interface when the selection was made.

Recommended Response Action
Select the Allow 110 VAC Operation and accept the subsequent dialog that acknowledges the overload risk.

Category
Audit (PSU = Power Supply)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

1178
PSU8505

Message
Unable to set the chassis redundancy policy to AC Redundancy.

Detailed Description
Unable to set the chassis redundancy policy to AC Redundancy.

Recommended Response Action
Retry the operation using the CMC command line interface or CMC Web interface.
To set the chassis redundancy policy using the command line, enter "racadm config -g cfgChassisPower -o cfgChassisRedundancyPolicy 1". To configure the chassis redundancy policy using the Web interface, click Chassis Overview > Power > Configuration. From the Redundancy drop-down menu, select AC Redundancy.

Category
Audit (PSU = Power Supply)

Severity
Severity 1 (Critical)

Trap/EventID
8329

Redfish Event Type
Alert

---

PSU8506

Message
Unable to change power cap because Server Based Power Management Mode is enabled.

Detailed Description
When the Server Power Management mode is enabled the Power cap cannot be set.

Recommended Response Action
To enable the ability to set the power cap, switch to external Power Management and disable the Server Based Management Mode in the CMC Web interface.

Category
Audit (PSU = Power Supply)

Severity
Severity 2 (Warning)
**PSU8507**

**Message**  
Insufficient power available because PSU in the slot arg1 is not present.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The PSU identified in the message has been disengaged or removed. Insufficient power is available.

**Recommended Response Action**  
Insert a PSU in the slot identified in the message.

**Category**  
Audit (PSU = Power Supply)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**PSU8508**

**Message**  
arg1, PSU arg2 firmware update is in progress.

**Arguments**  
arg1 = error string, arg2 = slot number

**Detailed Description**  
Unable to set the Power configuration because the PSU firmware update is in progress.
**Recommended Response Action**
Retry the operation after the PSU firmware update is completed.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PSU8510**

**Message**
PSU in slot arg1 FW updated successfully to version arg2

**Arguments**
arg1 = slot number, arg2 = version number

**Detailed Description**
The firmware for the PSU identified in the message is successfully updated to the version displayed in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1181
**PSU8511**

**Message**  
Successfully updated the firmware for the PSU in slot arg1.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The firmware for the PSU identified in the message was successfully updated.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PSU = Power Supply)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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</table>

**PSU8512**

**Message**  
Unable to update the firmware for the PSU in slot arg1.  
Error=0x arg2 (arg3)

**Arguments**  
arg1 = slot number, arg2 = error number, arg3 = error string

**Detailed Description**  
The firmware update operation for the PSU identified in the message did not complete, because of internal communication errors.

**Recommended Response Action**  
Retry the firmware update operation. If the issue persists, contact your service provider.

**Category**  
Audit (PSU = Power Supply)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
8330

**Redfish Event Type**  
Alert

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1182
### PSU8513

**Message**
Unable to complete the PSU slot arg1 firmware update. Error=0x arg2.

**Arguments**
- **arg1** = number, **arg2** = error number

**Detailed Description**
Unable to update the PSU firmware due to PMBus communication errors.

**Recommended Response Action**
Retry the firmware update operation. If the problem persists, contact your service provider.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8330

**Redfish Event Type**
Alert

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### PSU8515

**Message**
Unable to set the Enable Dynamic Power Supply Engagement attribute.

**Detailed Description**
Unable to set the Enable Dynamic Power Supply Engagement attribute.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, review the tracelog for more details. To retrieve the tracelog, in the CMC Web interface, go to Troubleshooting > Diagnostics page and enter the “gettracelog” command, or use RACADM “gettracelog” command. If the issue continues to persist, contact your service provider and provide the tracelog.

**Category**
Audit (PSU = Power Supply)

**Severity**
Severity 2 (Warning)
Redfish Event Type: Alert

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**PSU8516**

Message: Unable to set redundancy policy because PSU enumeration is in progress.

Detailed Description: Unable to set redundancy policy because PSU enumeration is in progress. The policy can be set after PSU enumeration is complete.

Recommended Response Action: Retry the operation after the PSU enumeration is complete.

Category: Audit (PSU = Power Supply)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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</table>

**PSU8517**

Message: PSU redundancy policy changed.

Detailed Description: The operation to change the PSU redundancy policy is complete.

Recommended Response Action: No response action is required.

Category: Audit (PSU = Power Supply)
### Severity
Severity 3 (Informational)

### Trap/EventID
8331

### Redfish Event Type
Alert

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**PSU8518**

#### Message
Unable to access the PSU `arg1` FRU data.

#### Arguments
`arg1` = slot number

#### Detailed Description
The operation to read the FRU data from the PSU identified in the message did not complete successfully due to internal communication errors.

#### Recommended Response Action
Retry the operation. If the condition persists, contact your service provider.

#### Category
Audit (PSU = Power Supply)

#### Severity
Severity 1 (Critical)

#### Trap/EventID
8329

### Redfish Event Type
Alert

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1185
PSU8519

**Message**  
Enhanced Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration and is suspended.

**Detailed Description**  
The Dynamic Power Supply Engagement (DPSE) feature is suspended due to the configuration or the type of PSU present. The feature is enabled, but suspended until a supported PSU configuration is in place.

**Recommended Response Action**  
Dynamic Power Supply Engagement (DPSE) is not supported by the current power supply configuration. Verify the PSUs are supported. Replace the unsupported PSUs.

**Category**  
Audit (PSU = Power Supply)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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PSU8520

**Message**  
Enhanced Dynamic Power Supply Engagement (DPSE) is fully supported.

**Detailed Description**  
The Dynamic Power Supply Engagement feature is supported and fully operational.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PSU = Power Supply)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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1186
PSU8521

Message  PSU arg1 exceeded upper temperature threshold and has been turned off.
Arguments  arg1 = slotnum
Detailed Description  The power supply unit (PSU) identified in the message was turned off because the temperature exceeded the high temperature threshold in the unit.
Recommended Response Action  Remove and reinsert the PSU or remove AC power and reapply power to the PSU to get it functional again.
Category  Audit (PSU = Power Supply)
Severity  Severity 1 (Critical)
Trap/EventID  8329
Redfish Event Type  Alert

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PSUA Event Messages

PSUA0016

Message: Power supply arg1 is absent.

Arguments: arg1 = number

Detailed Description: The supply has been removed or has failed.

Recommended Response Action: Install the power supply if needed.

Category: System Health (PSUA = PSU Absent)

Severity: Severity 1 (Critical)

Trap/EventID: 2465

LCD Message: PSU <number> is absent. Check PSU

Redfish Event Type: Alert

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PWR Event Messages

PWR0100

Message: The power button was pressed.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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PWR0101

Message: The power button was released.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
### PWR0102

**Message**  
The sleep button was pressed.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

### PWR0103

**Message**  
The sleep button was released.

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | |
CMC | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | (*) |
CMC | |

**PWR0104**

**Message**
The reset button was pressed.

**Detailed Description**
The system will reset.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | |
CMC | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | (*) |
CMC | |

**PWR0105**

**Message**
The reset button was released.

**Detailed Description**
The system will reset.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)
PWR0106

Message  The arg1 is latched.
Arguments  arg1 = name
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PWR = Power Usage)
Severity  Severity 3 (Informational)

PWR0107

Message  The arg1 is unlatched.
Arguments  arg1 = name
**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Message**
The `arg1` service was requested.

**Arguments**
`arg1` = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR0108**

**Message**
The `arg1` service was requested.

**Arguments**
`arg1` = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**

1193
PWR0109

Message       The arg1 service has completed.
Arguments      arg1 = name
Detailed       None
Description    
Recommended   No response action is required.
Response Action
Category       System Health (PWR = Power Usage)
Severity       Severity 3 (Informational)
Redfish Event Type  Alert

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PWR1000

Message       The system performance restored.
Detailed       None
Description    
Recommended   No response action is required.
Response Action
Category       System Health (PWR = Power Usage)
Severity       Severity 3 (Informational)
Trap/EventID   2275
Redfish Event Type  Alert

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PWR1001

Message: The system performance degraded.
Detailed Description: To avoid shutdown, system performance has been degraded.
Recommended Response Action: Review system configuration and power consumption.
Category: System Health (PWR = Power Usage)
Severity: Severity 2 (Warning)
Trap/EventID: 2274
LCD Message: System performance degraded. Check PSUs and system configuration
Redfish Event Type: Alert

PWR1002

Message: The system performance degraded because of thermal protection.
Detailed Description: To avoid shutdown, system performance has been degraded.
Recommended Response Action: Review system configuration and system logs for thermal or environmental failures and warnings.
Category: System Health (PWR = Power Usage)
Severity: Severity 2 (Warning)
Trap/EventID: 2274
Redfish Event Type: Alert
## PWR1003

**Message**
The system performance degraded because cooling capacity has changed.

**Detailed Description**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action**
If unintended, review system configuration changes and thermal policy.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2274

**Redfish Event Type**
Alert

---

## PWR1004

**Message**
The system performance degraded because power capacity has changed.

**Detailed Description**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action**
if unintended, review system configuration changes and power policy.

**Category**
System Health (PWR = Power Usage)
Severity 2 (Warning)

PWR1005
Message The system performance degraded because of user-defined power capacity has changed.
Detailed Description To avoid exceeding the user defined capacity, system performance has been degraded.
Recommended Response Action If unintended, review system configuration changes and power policy.
Category System Health (PWR = Power Usage)
Severity 2 (Warning)
Trap/EventID 2274
Redfish Event Type Alert

PWR1006
Message The system halted because system power exceeds capacity.
Detailed Description
The system may shutdown.

Recommended Response Action
Review system configuration, upgrade power supplies or reduce system power consumption.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
2273

LCD Message
System power exceeds capacity. System halted. Contact support

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔
CMC

PWR1007

Message
The system performance degraded because power exceeds capacity.

Detailed Description
To avoid shutdown, system performance has been degraded.

Recommended Response Action
Review system configuration, upgrade power supplies or reduce system power consumption.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

LCD Message
System power exceeds capacity. Performance degraded. Check PSU configuration

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC
### PWR1008

**Message**
The system performance degraded because power draw exceeds the power threshold.

**Detailed Description**
To avoid shutdown, system performance has been degraded.

**Recommended Response Action**
Review system configuration, upgrade power supplies or reduce system power consumption.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2273

**LCD Message**
System power exceeds threshold. Performance degraded. Check PSU configuration

**Redfish Event Type**
Alert

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### PWR1009

**Message**
System power capacity is restored.

**Detailed Description**
System power capacity is restored.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2275
Enabling the Max Power Conservation Mode (MPCM) feature will disable the Extended Power Performance (EPP) feature. MPCM forces servers into a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

No response action required.

System Health (PWR = Power Usage)

Severity 2 (Warning)
Recommended Response Action
No response action is required.

Category System Health (PWR = Power Usage)

Severity Severity 3 (Informational)

Redfish Event Type Alert

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PWR2001

Message The system hard reset.

Detailed Description None

Recommended Response Action No response action is required.

Category System Health (PWR = Power Usage)

Severity Severity 3 (Informational)

Redfish Event Type Alert

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PWR2002

Message The system warm reset.
PWR2003

Message  User requested a PXE boot.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PWR = Power Usage)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (PWR = Power Usage)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC  ✓  ✓  ✓  ✓
CMC

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC  ✓  ✓  ✓
CMC

Filter Visibility  LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy
iDRAC  ✓*
CMC

1202
PWR2004

Message: System booted automatically into diagnostics.

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

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<tr>
<td>Chassis Event Proxy</td>
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</table>

PWR2005

Message: The OS run-time software initiated a hard reset.

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

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1203
**PWR2006**

**Message**
The OS run-time software initiated a warm reset.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR2007**

**Message**
System restarted.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode.

**Detailed Description**

Selecting the Server Based Power Management Mode option sets your power cap to a maximum value, server priorities to a default priority, and then disables the Max Power Conservation Mode.

**Recommended Response Action**

No response action required.

**Category**

System Health (PWR = Power Usage)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

---

**PWR202**

Enabling the Max Power Conservation Mode (MPCM) feature forces servers in to a low-power and limited-performance mode, and then disables the ability to turn on additional servers.

**Detailed Description**

Enabling the Max Power Conservation Mode (MPCM) feature forces servers in to a low-power and limited-performance mode, and then disables the ability to turn on additional servers.
**Recommended Response Action**
No response action required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**PWR203**

**Message**
Unable to set the System Input Power Cap value to less than or equal to 13300 W (45381 BTU/h), because the Extended Power Performance feature is enabled.

**Detailed Description**
The System Input Power Cap value cannot be set to less than or equal to 13300 W, because the Extended Power Performance feature is enabled.

**Recommended Response Action**
Enter a Power cap value greater than 13300 W, and then retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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1206
PWR204

Message
Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature.

Detailed Description
Object value is successfully modified. Max Power Conservation Mode will deactivate the Extended Power Performance feature.

Recommended Response Action
No response action required.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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PWR205

Message
The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled.

Detailed Description
The Server Performance Over Power Redundancy (SPOPR) feature cannot be enabled because the Extended Power Performance is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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1207
PWR206

Message
The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled.

Detailed Description
The Server Based Power Management (SBPM) feature cannot be enabled because the Extended Power Performance mode is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

PWR207

Message
The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled.

Detailed Description
The Dynamic Power Supply Engagement (DPSE) feature cannot be enabled because the Extended Power Performance mode is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
PWR209

Message
Unable to change the redundancy policy to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Detailed Description
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Recommended Response Action
Disable Extended Power Performance and retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PWR210

Message
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Detailed Description
The redundancy policy cannot be changed to either Power Supply Redundancy or No Redundancy because the Extended Power Performance is enabled.

Recommended Response Action
No response action required.

Category
System Health (PWR = Power Usage)
PWR211

Message
Unable to set the Fresh Air (FA) mode because the Extended Power Performance (EPP) feature is enabled.

Detailed Description
The Fresh Air (FA) mode cannot be set because the Extended Power Performance (EPP) feature is enabled.

Recommended Response Action
No response action required.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility

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CMC

PWR213

Message
Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled.

Detailed Description
Cannot enable the Extended Power Performance (EPP) mode because the Max Power Conservation Mode (MPCM) is enabled.
**Recommended Response Action**
Disable the Max Power Conservation Mode and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log**
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

---

**Message**
Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled.

**Detailed Description**
Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled.

**Recommended Response Action**
Disable Dynamic Power Supply Engagement (DPSE) and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log**
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

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**PWR214**

**Message**
Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled.

**Detailed Description**
Cannot enable the Extended Power Performance (EPP) mode because Dynamic Power Supply Engagement (DPSE) is enabled.

**Recommended Response Action**
Disable Dynamic Power Supply Engagement (DPSE) and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**LC Log**
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

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1211
PWR216

**Message**
Unable to enable Extended Power Performance, because Redundancy Policy is set to Grid Redundancy or No Redundancy.

**Detailed Description**
Unable to enable Extended Power Performance, because redundancy policy is set to Grid Redundancy or No Redundancy.

**Recommended Response Action**
Configure Redundancy Policy to Power Supply Redundancy and retry the operation. Using the CMC Web GUI, click Power > Configuration. From the Redundancy Policy drop-down menu, select Power Supply Redundancy.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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PWR218

**Message**
Cannot enable the Extended Power Performance (EPP) feature because the Fresh Air (FA) mode is enabled.

**Detailed Description**
Cannot enable the Extended Power Performance (EPP) the feature because the Fresh Air (FA) mode is enabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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1212
PWR219

Message: The Extended Power Performance (EPP) feature cannot be enabled because the PSU in slot arg1 is not a 3000 W PSU.

Arguments: arg1 = slot number

Detailed Description: The Extended Power Performance (EPP) feature cannot be enabled because PSU in the slot identified in the message is not a 3000 W PSU.

Recommended Response Action: In order to use the Extended Power Performance (EPP) feature, replace the PSU identified in the message with a 3000 W PSU.

Category: System Health (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert

Remote System Log: ✔

WS Eventing: ✔

Redfish Eventing: ✔

PWR220

Message: The Extended Power Performance (EPP) feature cannot be enabled because slot arg1 is empty.

Arguments: arg1 = slot number

Detailed Description: The Extended Power Performance (EPP) feature cannot be enabled because the slot identified in the message is empty.

Recommended Response Action: Insert an appropriate PSU in the slot identified in the message and retry the operation.

Category: System Health (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
### PWR2200

**Message**
The system is in the ON state.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### PWR2201

**Message**
The system is sleeping with system hardware and processor context maintained.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)
Redfish Event Type: Alert

### PWR2202

**Message**: The system is sleeping with lost processor context.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (PWR = Power Usage)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

---

**Message**: The system is sleeping with system hardware and processor context lost.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (PWR = Power Usage)
**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**PWR2204**

**Message**  The system is in a non-volatile sleep state.

**Detailed Description**  None

**Recommended Response Action**  No response action is required.

**Category**  System Health (PWR = Power Usage)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**PWR2205**

**Message**  The system is in a soft-off state.

**Detailed Description**  None

**Recommended Response Action**  No response action is required.
**PWR2207**

**Message**
The system is in a mechanical off state.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR2208**

**Message**
The system is in a sleep state.

**Detailed Description**
None
Recommended Response Action
No response action is required.
Category System Health (PWR = Power Usage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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PWR2209

Message The system is in an undermined sleep state.
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (PWR = Power Usage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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PWR221

Message The Extended Power Performance (EPP) feature is already disabled.
### Detailed Description
The Extended Power Performance (EPP) feature is already disabled.

### Recommended Response Action
No response action is required.

### Category
System Health (PWR = Power Usage)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

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### PWR2210

#### Message
The system was forced into a soft-off state.

#### Detailed Description
None

#### Recommended Response Action
No response action is required.

#### Category
System Health (PWR = Power Usage)

#### Severity
Severity 3 (Informational)

#### Redfish Event Type
Alert

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PWR2211

Message: The system is in legacy ON state.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC   ✔*

CMC

PWR2212

Message: The system is in legacy OFF state.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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1220
**PWR222**

**Message**
The Extended Power Performance (EPP) feature is already enabled.

**Detailed Description**
The Extended Power Performance (EPP) feature is already enabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**

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**PWR223**

**Message**
Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled.

**Detailed Description**
Cannot perform a 110V AC operation because the Extended Power Performance (EPP) feature is enabled.

**Recommended Response Action**
Disable the Extended Power Performance (EPP) feature and retry the operation.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Unable to turn on the server because the chassis infrastructure not ready.

The server did not turn on because the chassis infrastructure is not ready. The chassis infrastructure includes: PCIe subsystem, storage components, and the chassis management controller.

Check the status of the chassis infrastructure in the CMC Web or RACADM interface. Wait until the chassis infrastructure components are fully turned on.

Audit (PWR = Power Usage)

Severity 2 (Warning)

Alert

Unable to turn on the server because the chassis cover is open.

The server did not turn on because the chassis cover is open.

Close the chassis cover and retry the operation.

Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility

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iDRAC
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |

iDRAC ✔*
CMC

PWR2252

Message: Unable to turn on the server because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem.

Detailed Description: The server did not turn on because an NDC or Mezzanine card is incompatible with the I/O Module or PCIe subsystem.

Recommended Response Action: Check the release notes for the product and make sure to install compatible components in the server.

Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility

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iDRAC
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |

iDRAC ✔*
CMC

PWR2253

Message: Unable to turn on the server because a PCIe card or Mezzanine card is not installed.

Detailed Description: The server did not turn on because a PCIe card or Mezzanine card is not installed.
**Recommended Response Action**
Install a PCI or Mezzanine card in the appropriate slot and retry the operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC**
- ✔

**CMC**

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**PWR2254**

**Message**
The use of 110V is unacknowledged and the chassis cannot grant power on permission to the server.

**Detailed Description**
The use of 110V is unacknowledged for the chassis and the chassis cannot grant power on permission to the server.

**Recommended Response Action**
Check for unacknowledged use of 110V and change to acknowledged. Using the Chassis Management Controller (CMC) web interface, select Chassis Overview>Power>Configuration and then check the 110V Acknowledge field. Retry the operation to turn on the server.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC**
- ✔

**CMC**

---

1224
PWR2255

Message
The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server.

Detailed Description
The Chassis Management Controller (CMC) is configured in Max Power Conservation Mode and is unable to grant power on permission to the server.

Recommended Response Action
Disable the Max Power Conservation Mode on the chassis and retry the operation. Using the Chassis Management Controller (CMC) web interface, select Chassis Overview>Power>Configuration and then uncheck the Max Power Conservation Mode field.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

PWR2256

Message
Unable to allocate power for servers to turn on because the Chassis Management Controller (CMC) is initializing chassis infrastructure components.

Detailed Description
The chassis infrastructure components are being initialized and are not ready to grant power on permission to the servers.

Recommended Response Action
Wait until the chassis infrastructure has been initialized and then retry the operation. To check that the infrastructure is initialized, using the RACADM command line utility run the command "racadm getmodinfo" and check that the "pwrstate" field is on for the chassis component.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
PWR2257

Message The target power allocation override is arg1. The target power allocation (AC) is arg2 Watts.

Arguments arg1 = override state, arg2 = target power

Detailed Description The target power allocation override has been enabled or disabled as identified in the message.

Recommended Response Action No response action required.

Category Audit (PWR = Power Usage)

Severity Severity 3 (Informational)

Redfish Event Type Alert

PWR2258

Message The Power Supply Unit (PSU) hotspare thresholds were modified. Wake Threshold: arg1 %, Sleep Threshold: arg2 %.

Arguments arg1 = wake threshold, arg2 = sleep threshold

Detailed Description The Power Supply Unit (PSU) hotspare thresholds were modified to the Wake Threshold and Sleep Threshold identified in the message.
Recommended Response Action
No response action required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | | | | | | ✔
CMC | | | | | | *

PWR2260

Message
The Intel Management Engine is unresponsive and the server thermal failsafe state is activated.

Detailed Description
The iDRAC experienced an IPMB communication issue with the Intel Management Engine and was not able to recover IPMB communications. The server thermal failsafe state is activated.

Recommended Response Action
Disconnect power from the server and reconnect power. Turn on the server. If the issue persists, contact your service provider.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | | | | | | |
CMC | | | | | | |

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ★ | | | | | |
CMC | | | | | | |
PWR2261

Message
Current Monitor initialization issue observed, IMON Revision arg1 , CPLD IMON MFR Revision arg2.

Arguments
arg1 = current monitor revision number, arg2 = CPLD revision number

Detailed Description
The iDRAC experienced an issue initializing the Current Monitor. The system motherboard may need replacement.

Recommended Response Action
Contact your service provider.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
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PWR2262

Message
The Intel Management Engine has reported an internal system error.

Detailed Description
The Intel Management Engine is unable to utilize the PECI over DMI facility.

Recommended Response Action
Look for the PWR2264 “normal system operation” message in the Lifecycle Log after the PWR2262 entry. It may take 30 seconds for the message to be logged. If the PWR2264 message does not appear, do the following: Disconnect power from the server and reconnect power. Turn on the server. If the issue persists, contact your service provider.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
User ignored Power Supply Oversubscription Warning.

Detailed Description
User continued after receiving power supply oversubscription warning (F1/F2).

Recommended Response Action
No response action required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

The Intel Management Engine has reported normal system operation.

Detailed Description
The Intel Management Engine has recovered the ability to utilize the PECI over DMI facility.

Recommended Response Action
If the PWR2262 "internal system error" was logged within the previous 30 seconds, ignore the message. No response action required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)
## PWR2400

**Message**
Power management firmware unable to maintain power limit

**Detailed Description**
The power management firmware cannot reduce power consumption to meet configuration or user defined settings,

**Recommended Response Action**
"1) Review system power policy. 2) Check system event logs for thermal or power related exceptions."

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### Filter Visibility
- **iDRAC** ✔
- **CMC**

### IPMI Alert
- **LC Log**
- **LCD**
- **OS Log**
- **Power Off**
- **Power Cycle**
- **Reset**
- **Chassis Event Proxy**

### SNMP Alert
- **Remote System Log**
- **WS Eventing**
- **Redfish Eventing**

### Email Alert
- **iDRAC** ✔
- **CMC**

### Remote System Log
- **iDRAC** ✔
- **CMC**

### WS Eventing
- **iDRAC** ✔
- **CMC**

### Redfish Eventing
- **iDRAC** ✔
- **CMC**

## PWR2401

**Message**
Power management firmware initialization error

**Detailed Description**
The iDRAC controller detected that the power management firmware did not initialize properly. The system may operate in a performance degraded state.

**Recommended Response Action**
"1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision."

**Category**
System Health (PWR = Power Usage)
**Message**
iDRAC is unable to communicate with power management firmware.

**Detailed Description**
The iDRAC controller cannot communicate with the power management firmware due to an problem with the interface to the power management engine or with the power management engine itself. The system may operate in a performance degraded state.

**Recommended Response Action**
Check the Lifecycle Controller Log (LC Log) and make sure that there are no subsequent log entries indicating that Communication with power management firmware has been restored. If this log entry is not present then do one of the following: 1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Message**
PWR2402

**Detailed Description**
The iDRAC controller cannot communicate with the power management firmware due to an problem with the interface to the power management engine or with the power management engine itself. The system may operate in a performance degraded state.

**Recommended Response Action**
Check the Lifecycle Controller Log (LC Log) and make sure that there are no subsequent log entries indicating that Communication with power management firmware has been restored. If this log entry is not present then do one of the following: 1) Disconnect system input power, wait one minute, reconnect system input power. 2) Re-flash system BIOS. 3) Upgrade system BIOS to the latest revision.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
PWR2403

Message  
iDRAC communication with power management firmware has been restored.

Detailed Description  
The iDRAC controller established communication to the power management firmware. System performance will return to normal.

Recommended Response Action  
No response action is required.

Category  
System Health (PWR = Power Usage)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

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PWR2404

Message  
Power supply capacity alert disabled.

Detailed Description  
Power supply capacity alert disabled due to user configuration.

Recommended Response Action  
No response action is required.

Category  
Audit (PWR = Power Usage)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

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1232
PWR3000

Message  The system is being shut down for thermal protection.

Detailed Description  To avoid system damage because of insufficient cooling, the system is being shut down.

Recommended Response Action  Review the Embedded System Management Log for thermal or environmental failures and warnings, and replace the faulty components. If the issue persists, contact your service provider.

Category  System Health (PWR = Power Usage)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

PWR3001

Message  Detected new peak power value. Peak value (in Watts): \textit{arg1}.

Arguments  \textit{arg1} = peak value

Detailed Description  The system has detected a new peak power value.

Recommended Response Action  Make sure that the power usage corresponds to the current hardware configuration and workload.

Category  System Health (PWR = Power Usage)

Severity  Severity 3 (Informational)

OMSA Event ID  5013

Redfish Event Type  Alert
PWR8500

Message
Chassis power state updated to arg1 from arg2.

Arguments
arg1 = new power state, arg2 = old power state

Detailed Description
The chassis power state from the configuration database and the current state are different. The current chassis power state will be updated in the configuration database. This is to insure the chassis power state will be the same if the CMC is rebooted or a CMC failover occurs. Note that the numerical value of the state is intended for technical support use.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR8501

Message
Successfully set Virtual Infrastructure Device power to arg1 WDC

Arguments
arg1 = power reading

Detailed Description
Power allocation succeeded for Virtual infrastructure.
**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8503**

**Message**
The current value of System Input Power Cap ( \( \text{arg1} \) W AC) is less than the upper limit ( \( \text{arg2} \) W AC).

**Arguments**
\( \text{arg1} = \) power value, \( \text{arg2} = \) power value

**Detailed Description**
This Information is provided to enable checking whether the powercap is lower than the maximum supported powercap limit.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1235
PWR8504

Message  
Chassis power button is pressed, but the button is disabled.

Detailed Description  
The chassis power button press is detected but the button has been disabled.

Recommended Response Action  
The chassis power button is disabled. To enable the chassis power button use the CMC RACADM command line interface, CMC Web interface. Using the command line, enter `racadm config -g cfgChassisPower -o cfgChassisPowerButtonEnable 1`. Using the Web interface, click Chassis Overview > Power > Configuration. Clear the Disable Chassis Power Button check box.

Category  
Audit (PWR = Power Usage)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

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PWR8505

Message  
The Dynamic Power Supply Engagement feature was not successfully enabled.

Detailed Description  
The Dynamic Power Supply Engagement feature was not successfully enabled.

Recommended Response Action  
Restart the Chassis Management Controller and retry the operation. To restart the Chassis Management Controller, using the WEB UI, go to Chassis Overview > Power > Control, select the Reset CMC option, and then click Apply.

Category  
Audit (PWR = Power Usage)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

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1236
**PWR8506**

**Message**
Cumulative power computation (KWH) time is reset on arg1.

**Arguments**
arg1 = time

**Detailed Description**
Resetting the power computation reading causes the log to report time at which it is reset.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

```
Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
iDRAC
CMC
```

**PWR8507**

**Message**
System Input Power Cap changed from arg1 W AC to arg2 W AC.

**Arguments**
arg1 = previous power value, arg2 = new power value

**Detailed Description**
The system Input Power Cap was changed from the value to the value indicated in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
PWR8508

Message
New power budget (arg1 W AC) may permit future degradation of redundancy.

Arguments
arg1 = power value

Detailed Description
If the power budget exceeds the effective capacity for the current redundancy policy, it is possible for power allocations to grow beyond the effective capacity, which would reduce redundancy capabilities.

Recommended Response Action
No response action is required. Make sure there are enough PSUs to support redundancy at the specified power budget.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

PWR8509

Message
Unable to change the server power priority because Server Based Power Management mode is enabled.

Detailed Description
Unable to change the server power priority because Server Based Power Management mode is enabled.

Recommended Response Action
The server power priority can be changed once Server Based Power Management mode is disabled. Using the CMC Web UI, navigate to the Chassis Overview >
Power > Configuration page, then uncheck the Enable Server Based Power Management checkbox. Retry the operation.

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**PWR8510**

**Message**

Unable to set chassis power property `arg1`.

**Arguments**

`arg1` = property name

**Detailed Description**

Unable to set the chassis power identified in the message.

**Recommended Response Action**

Retry the operation. If the issue persists, contact your service provider.

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**PWR8511**

**Message**

Unable to set the CHASSIS_POWER_button_disable chassis power property.
Unable to set the CHASSIS_POWER_button_disable chassis power property.

Retry the operation. If the issue persists, contact your service provider.

Audit (PWR = Power Usage)

Severity 2 (Warning)

Alert

CMC rebooted, because the power configuration data could not be accessed.

Power configuration data in memory cannot be accessed due to synchronization issues.

No response action is required.

Audit (PWR = Power Usage)

Severity 1 (Critical)
PWR8514

Message
Unable to perform chassis power action due to insufficient privileges.

Detailed Description
The user account credentials provided for this chassis power action do not have the correct privilege. Chassis control privilege is required to perform chassis power actions.

Recommended Response Action
Retry to action with a different user account that has chassis power control privilege.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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<th>IPMI Alert</th>
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PWR8515

Message
Unable to perform the chassis power action because the chassis is not turned on.

Detailed Description
Unable to perform the chassis power action because the chassis is not turned on.

Recommended Response Action
Turn the chassis on and retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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1241
### PWR8516

**Message**
Unable to perform the chassis power action requested.

**Detailed Description**
Unable to perform the chassis power action requested.

**Recommended Response Action**
Check the tracelog for more information. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### PWR8517

**Message**
Unable to turn off chassis power.

**Detailed Description**
Chassis power state transition did not complete successfully. This may be due to one of the following: 1) Unable to turn off one or more servers, 2) A firmware update may be in progress.

**Recommended Response Action**
Check the tracelog for more information. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Unable to perform the chassis power action because the chassis is already turned on.

Unable to perform the chassis power action because the chassis is already turned off.

No response action is required.

Audit (PWR = Power Usage)

Severity 3 (Informational)

Alert

Audit (PWR = Power Usage)
**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**

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<th>Power Off</th>
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<th>Chassis Event Proxy</th>
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</table>

**iDRAC** ✔*

**CMC** ✔*

**PWR8520**

**Message**
Initiated the chassis reset operation.

**Detailed Description**
The chassis reset operation was initiated.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**

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**iDRAC** ✔*

**CMC** ✔*

**PWR8521**

**Message**
Completed chassis reset operation.

**Detailed Description**
The chassis reset operation was completed.

**Recommended Response Action**
No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility
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IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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PWR8522

Message: Initiated chassis power cycle operation.
Detailed Description: The chassis power cycle operation was initiated.
Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
|----------|------------|-------------|-------------------|-------------|---------------------|

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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PWR8523

Message: Completed chassis power cycle operation.
Detailed Description: The chassis power cycle operation was completed.
Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR8524

Message
Redundancy was lost, while Server Performance Over Power Redundancy is enabled.

Detailed Description
The redundancy was lost because the power requirement of the chassis exceeds the current redundant policy.

Recommended Response Action
No response action is required. Review the power requirements and determine if more PSUs are needed to restore redundancy.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR8525

Message
110VAC Operation acknowledged.
Detailed Description
110VAC operation of PSUs is acknowledged.

Recommended Response Action
No response action is required.

Category Audit (PWR = Power Usage)
Severity Severity 3 (Informational)

Redfish Event Type Alert

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PWR8526

Message 110VAC Operation unacknowledged.

Detailed Description 110VAC operation of PSUs is unacknowledged.

Recommended Response Action No response action is required.

Category Audit (PWR = Power Usage)
Severity Severity 3 (Informational)

Redfish Event Type Alert

<table>
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PWR8527

Message
Server slot power priorities changed - reallocating power.

Detailed Description
Server slot power priorities were changed. Power to servers is being reallocated.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

----------
Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing |
----------
  iDRAC          | ✔          | ✔          | ✔           | ✔               | ✔           | ✔              |
  CMC            | ✔          | ✔          | ✔           | ✔               | ✔           | ✔              |

PWR8528

Message
Unable to set Max Power Conservation Mode because the Server Based Power Management mode is enabled.

Detailed Description
The Max Power Conservation Mode can be enabled only when Server Based Power Management Mode is disabled.

Recommended Response Action
The Max Power Conservation Mode can be changed when Server Based Power Management mode is disabled. Using the CMC Web UI, navigate to the Chassis Overview > Power > Configuration page, then uncheck the Enable Server Based Power Management checkbox. Retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

----------
Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing |
----------
iDRAC ✔ ✔ ✔ ✔
CMC ✔ ✔ ✔ ✔
Max Power Conservation Mode is enabled.
The Max Power Conservation Mode is enabled.
No response action is required.
Audit (PWR = Power Usage)
Severity 3 (Informational)
Alert

Max Power Conservation Mode is disabled.
Max Power Conservation Mode is disabled.
No response action is required.
Audit (PWR = Power Usage)
Severity 3 (Informational)
Alert
PWR8531

Message: Server Based Power Management Mode is enabled.
Detailed Description: Server Based Power Management Mode is enabled.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

PWR8532

Message: Server Based Power Management Mode is disabled.
Detailed Description: Server Based Power Management Mode is disabled.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**PWR8533**

**Message**
Power cap changed from `arg1` W AC to `arg2` W AC.

**Arguments**
`arg1` = power value, `arg2` = power value

**Detailed Description**
Power cap setting was changed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

Redfish Event Type: Alert

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```

**PWR8534**

**Message**
Unable to set Server Based Power Management Mode to enable.

**Detailed Description**
Unable to set Server Based Power Management Mode to enable.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.
Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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**PWR8535**

Message: Unable to set Server Based Power Management Mode to disable.
Detailed Description: Unable to set Server Based Power Management Mode to disable.
Recommended Response Action: Retry the operation. If the issue persists, contact your service provider.

Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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**PWR8536**

Message: Server Performance Over Power Redundancy is enabled.
Detailed Description: Server Performance Over Power Redundancy is enabled.
Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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</table>

**PWR8537**

Message
Server Performance Over Power Redundancy is disabled.

Detailed Description
Server Performance Over Power Redundancy is disabled.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

<table>
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</table>

**PWR8538**

Message
Power Remote Logging is enabled.
**Detailed Description**
Power Remote Logging is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8539**

**Message**
Power Remote Logging is disabled.

**Detailed Description**
Power Remote Logging is disabled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
PWR8540

Message: Power Remote Logging Interval set to arg1
Arguments: arg1 = interval
Detailed Description: The interval for remote logging of power information is set to the value identified in the message
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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PWR8541

Message: Chassis powerup operation initiated.
Detailed Description: Chassis powerup operation initiated.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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</table>
**PWR8542**

**Message**
Chassis powerup operation completed.

**Detailed Description**
Chassis powerup operation completed.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**Arguments**
argon1 = slot number, arg2 = max power reading, arg3 = min power reading, arg4 = allocated power reading

**Detailed Description**
Invalid power inventory reported by the iDRAC of the server identified in the message to the CMC.

**Recommended Response Action**
Turn on the server identified in the message. If the issue persists, contact your service provider.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
PWR8544

Message
Chassis Management Controller turned off the Server *arg1* because of insufficient power at inventory.

Arguments

*arg1* = slot number

Detailed Description
Insufficient power is available for the server identified in the message to function. The server will be turned off until there is sufficient power available.

Recommended Response Action
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

PWR8545

Message
Chassis Management Controller turned off the server *arg1* because of incorrect power data retrieved from iDRAC at inventory.

Arguments

*arg1* = slot number
Detailed Description: Incorrect power inventory information reported by the iDRAC for the server identified in the message.

Recommended Response Action: Invalid power inventory information could be due to outdated iDRAC firmware or server BIOS firmware versions. Update the components to their latest versions.

Category: Audit (PWR = Power Usage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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PWR8546

Message: Chassis shutdown already in progress.

Detailed Description: A chassis shutdown was already in progress, when the additional shutdown request was received.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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</table>
PWR8547

Message  Chassis is already powered off.
Detailed Description  The chassis was already turned off, when the power off request was received.
Recommended Response Action  No response action is required.
Category  Audit (PWR = Power Usage)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

<table>
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PWR8548

Message  Chassis shutdown operation initiated.
Detailed Description  Chassis shutdown operation initiated.
Recommended Response Action  No response action is required.
Category  Audit (PWR = Power Usage)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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1259
PWR8549

Message
Chassis shutdown did not complete successfully.

Detailed Description
The requested chassis shutdown operation did not complete successfully.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC  ✓  ✓  ✓  ✓  ✓  ✓
CMC  ✓  ✓  ✓  ✓  ✓  ✓

PWR8550

Message
Chassis shutdown completed.

Detailed Description
Chassis shutdown completed.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
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**PWR8551**

**Message**  
Successfully set Virtual Infrastructure Device power to arg1 DC Watt.

**Arguments**  
arg1 = power reading

**Detailed Description**  
This will be logged when a Virtual Infrastructure Device power allocation is configured.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**PWR8552**

**Message**  
Chassis Management Controller is unable to turn on arg1 - arg2 because of insufficient power.

**Arguments**  
arg1 = component name, arg2 = component id

**Detailed Description**  
There is insufficient power for the component identified in the message to turn on.
Recommended Response Action
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis. Contact your service provider for information on the power required for the component identified in the message.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
8418

Redfish Event Type
Alert

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PWR8554

Message
Chassis Management Controller is unable to send power allocation information to arg1 - arg2 at priority arg3.

Arguments
arg1 = component name, arg2 = component id, arg3 = priority number

Detailed Description
This situation occurs if the iDRAC is found to be turned off after power allocation information is sent by the CMC or if the communications between the CMC and iDRAC is non functional.

Recommended Response Action
Perform a Virtual Reseat of the component identified in the message. Using the CMC Web UI, go to Chassis Overview > Troubleshooting > Reset Components, and then select slot for the component identified in the message and apply the Virtual Reseat.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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PWR8555

Message
Chassis Management Controller unable to turn on arg1 - arg2 at priority arg3 because of insufficient power. Minimum power needed is arg4 AC Watt, but only arg5 AC Watt is available.

Arguments
arg1 = component name, arg2 = slot number, arg3 = priority number, arg4 = min power, arg5 = available power

Detailed Description
The request to turn on the component identified in the message was not successful because insufficient power is available at the identified priority for the component.

Recommended Response Action
Make sure there is enough power supply to distribute power. Using the CMC Web UI, go to Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
8418

Redfish Event Type
Alert

PWR8556

Message
Server arg1 was shutdown due to insufficient power.

Arguments
arg1 = slot number

Detailed Description
The Server identified in the message was shutdown due to insufficient power.
Recommended Response Action
No response action is required.

Category Audit (PWR = Power Usage)
Severity Severity 1 (Critical)
Trap/EventID 8417
Redfish Event Type Alert

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PWR8557

Message The System Input Power Cap is too low to be enforced using the current Power Supply configuration.

Detailed Description The current Power Cap setting cannot be enforced. This may be the result of changing the redundancy mode or by changing the PSUs. The power cap setting must be increased to be usable.

Recommended Response Action Increase the Power Cap value. To increase the Power Cap do one of the following: 1) Using CMC Web interface: Select “Chassis Overview” -> Power -> Configuration and then adjust System Input Power Cap values. 2) Run the following RACADM command at the command line interface: “config -g cfgChassisPower -o cfgChassisPowerCap <value>”. Try setting the power cap above the lower bound displayed on the power configuration page.

Category System Health (PWR = Power Usage)
Severity Severity 2 (Warning)
Trap/EventID 2274
Redfish Event Type Alert
### PWR8558

**Message**
The System Input Power Cap is being enforced with the current Power Supply configuration.

**Detailed Description**
A configuration change has occurred such that the current power cap is now supported.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2275

**Redfish Event Type**
Alert

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### PWR8559

**Message**
Power cycle initiated for I/O Module arg1.

**Arguments**
arg1 = iIOM slot name

**Detailed Description**
Power cycle initiated for the I/O module in the slot identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
PWR8560

**Message**  
Unable to turn on I/O Module arg1 due to insufficient chassis power.

**Arguments**  
arg1 = IOM slot name

**Detailed Description**  
Unable to turn on the I/O Module identified in the message due to insufficient chassis power.

**Recommended Response Action**  
Utilize the Chassis Management Controller (CMC) web interface to check available power and I/O Module power requirements. If sufficient power is available, restart the CMC and retry the operation. If sufficient power is not available due to an insufficient number of PSUs, add additional PSU(s) and reinsert the I/O Module.

**Category**  
Audit (PWR = Power Usage)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
8417

**Redfish Event Type**  
Alert

PWR8561

**Message**  
Unable to power on server arg1 because of iDRAC communication issue.

**Arguments**  
arg1 = server number
The Chassis Management Controller is unable to communicate with the Server iDRAC service processor and the server could not be powered on. This situation may occur when iDRAC is rebooting.

Wait for three minutes and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting.

Audit (PWR = Power Usage)

Severity

Severity 1 (Critical)

Trap/EventID

8417

Alert

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Unable to power on the server before power on timer expired.

arg1 = server number

Unable to power on the server before the power on timer has expired. This happens if the server did not show power on status change within 30 seconds after the power on operation was initiated. This issue may also occur when iDRAC is rebooting.

The Server may need more time to power on. Wait for ten seconds and check the power status. If the server was not powered on, retry the operation. If the issue persists, remove and reinsert the server, wait for the iDRAC to complete startup, and retry the operation.

Audit (PWR = Power Usage)

Severity

Severity 2 (Warning)

Alert

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### PWR8563

**Message**
Unable to turn on Server arg1 due to I/O fabric inconsistency.

**Arguments**
arg1 = server number

**Detailed Description**
The Server identified in the message did not turn on due to a fabric mismatch between the I/O Module and the Mezzanine card on the Server.

**Recommended Response Action**
Make sure that the hardware compatibility between the I/O Module (IOM) and the Mezzanine (Mezz) card is correct. Check the M1000e Hardware Manual for correct component compatibility.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

**Redfish Event Type**
Alert

### PWR8564

**Message**
Unable to turn on the Server arg1 because the power request exceeded the System Input Power Cap.

**Arguments**
arg1 = slot number

**Detailed Description**
The server identified in the message was not turned on because the available power is less than the requested power.

**Recommended Response Action**
Utilize the Chassis Management Controller web interface to check the System Input Max Power Capacity Power and server power requirements. If sufficient power is available, retry the operation. Otherwise, increase the System Input Power Cap value.
Unable to turn off the Server arg1 due to iDRAC communication issue.

arg1 = server number

The Chassis Management Controller is unable to communicate with the iDRAC service processor for the Server identified in the message and the Server could not be turned off. This situation may occur when iDRAC is rebooting.

Do the following: 1) Wait for a few minutes for the iDRAC service processor to complete startup. 2) Retry the operation. 3) If the issue persists, reset the iDRAC and wait a few minutes for the iDRAC startup to complete before retrying the operation.
PWR8566

Message
Unable to turn off the Server arg1 before the Power Off timer expired.

Arguments
arg1 = server number

Detailed Description
Unable to turn off the Server before the Power Off timer has expired. This happens if the Server did not show "power off" status change within 30 seconds after the operation was initiated. This situation may also occur when iDRAC is rebooting.

Recommended Response Action
The Server may need more time to turn off. Wait for ten seconds and check the power status. If the Server was not turned off, retry the operation. If the issue persists, remove and reinsert the Server, wait for the iDRAC to complete startup, and retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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PWR8567

Message
Unable to turn off Server arg1 on a power cycle action.

Arguments
arg1 = server number

Detailed Description
Unable to turn off the Server on a power cycle operation. This happens if the Server did not show a "power off" status change within the expected time.

Recommended Response Action
The Server could have taken more time to turn off than expected. If the Server is turned off, turn on to complete the power cycle. If the Server has not completed a power cycle, retry the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**PWR8568**

**Message**
Server arg1 did not gracefully shutdownd before the timer expired.

**Arguments**
- arg1 = slot number

**Detailed Description**
The server identified in the message did not gracefully shutdown before the CMC shutdown timer expired. This happens if the server did not show power off status change within 60 seconds after the operation was initiated, or if the OS in the server has not successfully shutdown.

**Recommended Response Action**
Check if the OS in the server identified in the message has successfully shutdown, if not, manually complete the shutdown or wait for the shutdown to complete normally. If the issue persists, perform a forced power down of the server identified in the message.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PWR8569**

**Message**
Unable to power cycle the server arg1 because the server is off.

**Arguments**
- arg1 = slot number
The requested power cycle operation cannot be performed when the server is not turned on. The server should be already turned on for the power cycle operation to be successful.

Turn on the server, if necessary, before requesting a power cycle operation.

Audit (PWR = Power Usage)
Severity 3 (Informational)

Unable to communicate to the iDRAC, when trying to power cycle the server arg1.

arg1 = slot number

The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore, the server could not be power cycled. This situation may occur when iDRAC is rebooting.

Wait for few minutes, and then retry the operation. If the issue persists, do one of the following: 1) Reset the iDRAC, 2) Perform a Virtual Reseat of the server, 3) Remove and re-insert the server.

Audit (PWR = Power Usage)
Severity 2 (Warning)
PWR8571

Message
Unable to perform the power action requested for the server arg1 because another power action is in progress.

Arguments
arg1 = server idr

Detailed Description
Another power action is in progress. The requested power action cannot be carried out until the power action in progress completes.

Recommended Response Action
Wait for the power action in progress to complete and retry the operation. It may take a few minutes for the current power action to complete.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR8572

Message
Unable to shutdown the server arg1 because the server is off.

Arguments
arg1 = server id

Detailed Description
The server identified in the message can be shutdown only if the server is turned on.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
PWR8573

Message
The Chassis Management Controller is unable to communicate to the iDRAC, when trying to turn off the server arg1.

Arguments
arg1 = server id

Detailed Description
The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore the server could not be turned off. This situation may occur when iDRAC is restarting.

Recommended Response Action
Wait for three minutes, and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting before retrying the operation.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
8418

Redfish Event Type
Alert

PWR8574

Message
The Chassis Management Controller is unable to communicate to the iDRAC, when trying to hard reset the server arg1.

Arguments
arg1 = slot number
**Detailed Description**
The Chassis Management Controller is not able to communicate with the iDRAC on the server identified in the message. Therefore the server could not be hard reset. This situation may occur when iDRAC is restarting.

**Recommended Response Action**
Wait for three minutes, and then retry the operation. If the issue persists, remove and reinsert the server and wait for the iDRAC to finish restarting before retrying the operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

**Redfish Event Type**
Alert

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**PWR8575**

**Message**
Initiated the Virtual Reseat of server arg1.

**Arguments**
arg1 = server id

**Detailed Description**
A Virtual Reseat for the server identified in the message is initiated. A Virtual Reseat is the same as removing and inserting a server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
**PWR8576**

**Message**
Unable to turn on the Sleeve or Sled arg1 after a virtual reseat operation.

**Arguments**
arg1 = slot number

**Detailed Description**
The virtual reseat initiated on the Sleeve or Sled identified in the message successfully turned off the component. However, the Sleeve or Sled did not turn on successfully. A virtual reseat is the same as removing and inserting a Sleeve or Sled.

**Recommended Response Action**
Retry the virtual reseat operation on the Sleeve or Sled identified in the message. If the issue persists, manually remove and reinsert the Sleeve or Sled in the chassis.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PWR8577**

**Message**
A virtual reseat operation is initiated on Sleeve or Sled arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
A virtual reseat operation is initiated on the Sleeve or Sled identified in the message. A virtual reseat is the same as removing and inserting a Sleeve or Sled.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
PWR8578

**Message**
Chassis Management Controller is unable to turn on the iDRAC on server- *arg1* because power required is less than available power.

**Arguments**
*arg1* = slot number

**Detailed Description**
The Chassis Management Controller is unable to turn on the iDRAC because power required is less than available power.

**Recommended Response Action**
Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis. Remove and reinsert the server when enough power is available.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8418

**Redfish Event Type**
Alert

---

**PWR8579**

**Message**
Request to reset the CMC *arg1* is initiated.

**Arguments**
*arg1* = slot id
**Detailed Description**
A request to reset the CMC identified in the message is initiated. If a second CMC is present, a failover to the other CMC will occur as a result.

**Recommended Response Action**
No response action is required.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**PWR8580**

**Message**
Chassis Management Controller is unable to turn on server- arg1 because the Chassis is not turned on.

**Arguments**
arg1 = slot number

**Detailed Description**
The power on request for the server identified in the message was not successful because the Chassis is turned off.

**Recommended Response Action**
Turn on the Chassis, and then retry the operation. To turn on the Chassis using the Chassis Management Controller Web UI, go to Chassis Overview > Power > Control, select the Power On System option, and then click Apply.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1278
PWR8581

Message       Chassis Management Controller is unable to turn on server- arg1 because another chassis power operation is in progress.
Arguments     arg1 = slot number
Detailed Description A chassis power operation is currently in progress and the server identified in the message could not be turned on.
Recommended Response Action Wait until the current chassis power operation is complete and the chassis is On and then retry the operation.
Category       Audit (PWR = Power Usage)
Severity       Severity 3 (Informational)
Redfish Event Type Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing
iDRAC            ✔
CMC              ✔

LC Log OS Log Power Off Power Cycle Reset Chassis Event Proxy
iDRAC ✔
CMC ✔

PWR8582

Message       Chassis Management Controller is unable to turn on server- arg1 because Max Power Conservation Mode is enabled.
Arguments     arg1 = slot number
Detailed Description Unable to turn on the server identified in the message because the Max Power Conservation Mode (MPCM) is enabled. After MPCM is enabled, the chassis will be in power conservation mode and the CMC cannot process any further server power on operation requests.
Recommended Response Action Disable the Max Power Conservation Mode and retry the operation.
Category       Audit (PWR = Power Usage)
Severity       Severity 3 (Informational)
Redfish Event Type Alert
PWR8583

Message  Chassis Management Controller is unable to turn on server- arg1 because unacknowledged 110V PSUs are present.

Arguments  arg1 = slot number

Detailed Description  To enable 110V operation, the Allow 110VAC Operation feature must be enabled. If the feature is not enabled, the server turn-on operation will not be processed.

Recommended Response Action  On the Power Configuration page, in the Web UI, select the Allow 110VAC Operation for power supplies and retry the operation. Using the RACADM utility, run the following command, “racadm config -g cfgChassisPower -o cfgChassisAllow110VACOperation 1”.

Category  Audit (PWR = Power Usage)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

PWR8584

Message  Chassis Management Controller is unable to turn on server- arg1 because the power supply redundancy is lost and Performance Over Power Redundancy feature is disabled and the power required is less than the available power.

Arguments  arg1 = slot number
Detailed Description
If power redundancy is lost and the server Performance Over Power Redundancy feature is disabled, the server turn-on will not be allowed.

Recommended Response Action
To enable the server to be turned-on, on the Power Configuration page in the Web UI, enable the server Performance Over Power Redundancy option. Using the RACADM utility, run the following command "racadm config -g cfgChassisPower -o cfgChassisPerformanceOverRedundancy 1". Then retry the operation.

Category Audit (PWR = Power Usage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

---

**PWR8585**

Message Chassis Management Controller granted the power required to turn on server-arg1.

Arguments arg1 = slot number

Detailed Description Chassis Management Controller granted the power required to turn on the server identified in the message.

Recommended Response Action No response action is required.

Category Audit (PWR = Power Usage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
**iDRAC** | ✔ | ✔ | ✔ | | | |
**CMC** | | | | | | |

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
**iDRAC** | ✔ | ✔ | ✔ | | | |
**CMC** | | | | | | |
PWR8586

Message
Chassis Management Controller is unable to turn on server- arg1 because it is not supported in the VRTX chassis.

Arguments
arg1 = slot number

Detailed Description
The Chassis does not support the server identified in the message.

Recommended Response Action
The server inserted is not supported in the Chassis. Remove the server from the Chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC

PWR8587

Message
Chassis Management Controller is unable to turn on server- arg1 because the chassis enclosure is open.

Arguments
arg1 = slot number

Detailed Description
The server cannot be turned on if the chassis enclosure is open.

Recommended Response Action
The chassis enclosure is open. Retry the operation after closing the enclosure.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
PWR8588

Message
Chassis Management Controller is unable to turn on server- arg1 because a chassis infrastructure firmware update is in progress.

Arguments
arg1 = slot number

Detailed Description
The server identified in the message cannot be turned on while a chassis infrastructure firmware update operation is in progress.

Recommended Response Action
The chassis infrastructure firmware update is in progress. Retry the operation after the firmware update is complete.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR8589

Message
The server- arg1 does not have PCIe Mezzanine card in slot B1.

Arguments
arg1 = slot number

Detailed Description
The PCIe Mezzanine card in the slot B1 is absent. Without PCIe Mezzanine cards, the chassis PCIe cards will not be available for servers.
Recommended Response Action

Insert a PCIe Mezzanine card in slot B1.

Category

Audit (PWR = Power Usage)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

<table>
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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC ✔

PWR8590

Message

The server- arg1 does not have PCIe Mezzanine card in slot C1.

Arguments

arg1 = slot number

Detailed Description

The PCIe Mezzanine card in the slot C1 is absent. Without PCIe Mezzanine cards, the chassis PCIe cards will not be available for servers.

Recommended Response Action

Insert a PCIe Mezzanine card in slot C1.

Category

Audit (PWR = Power Usage)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

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</table>

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC ✔
PWR8591

Message  
Servers are turned off to allocate power to the newly inserted hard disk drives.

Detailed Description  
Before inserting hard disk drives, always make sure the Chassis has enough available power. Otherwise operating servers may be turned off.

Recommended Response Action  
Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category  
Audit (PWR = Power Usage)

Severity  
Severity 1 (Critical)

Trap/EventID  
8417

Redfish Event Type  
Alert

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PWR8592

Message  
Chassis Management Controller is unable to turn on or turn off the chassis because another chassis power operation is in progress.

Detailed Description  
The request to turn on or turn off the chassis was issued before the previous power operation was completed.

Recommended Response Action  
Retry the operation after the current operation is complete.

Category  
Audit (PWR = Power Usage)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

No alerts are applicable for this message
PWR8593

Message
Chassis Management Controller is unable to turn on or turn off the chassis because the chassis infrastructure component firmware update is in progress.

Detailed Description
The chassis power operation cannot be performed when a chassis infrastructure firmware update is in progress.

Recommended Response Action
Retry the operation after the chassis infrastructure component firmware update is complete.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

PWR8594

Message
Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power \texttt{arg1 AC Watt} is more than available power \texttt{arg2 AC Watt}.

Arguments
\texttt{arg1} = requested watts, \texttt{arg2} = available watts

Detailed Description
The available power is not sufficient to enable the Enhanced Cooling Mode feature.

Recommended Response Action
Make sure there is enough power supply to enable the Enhanced Cooling Mode feature. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field view the available power. To add more power, insert more PSUs or remove unused components from the chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

PWR8595

Message
Chassis Management Controller is unable to turn on server \texttt{arg1} due to insufficient power for the \texttt{arg2}.

Arguments
\texttt{arg1} = slot id, \texttt{arg2} = chassis component name

Detailed Description
The turn-on request for the server identified in the message did not succeed because of insufficient power to the chassis component identified in the message.
**Recommended Response Action**
The Chassis Management Controller (CMC) will retry turning on the server and the corresponding components associated to the server after a predefined interval. If the issue persists, refer to the Managing and Monitoring Power section in the CMC User Guide for more information on configuring power management settings.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**PWR8596**

**Message**
Chassis Management Controller is unable to turn on server- `arg1` because PSU redundancy is lost and the available power is insufficient.

**Arguments**
`arg1` = slot number

**Detailed Description**
The Chassis Management Controller cannot turn on the server identified in the message, because PSU redundancy is lost or PSUs are removed. Sufficient power is not available for the operation.

**Recommended Response Action**
Make sure there is enough power supply to distribute power. Go to, the Chassis Overview > Power > Power Budget Status. In the Total Input Power Available For Allocation field, view the available power. To add more power, insert more PSUs or remove unused components from the chassis. When enough power is available, retry the operation.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**PWR8597**

**Message**
The Power Supply Unit (PSU) `arg1` is turned off because it is not supported by the Chassis.

**Arguments**
`arg1` = PSU number
The identified Power Supply Unit (PSU) is turned off because it is not supported by the Chassis.

Replace the PSU identified in the message with an appropriate unit, and then retry the operation. For a list of PSUs that are compatible, consult the system Owners Manual or contact your service provider.

Audit (PWR = Power Usage)
Severity 1 (Critical)
8417
Alert

The Power Supply Unit (PSU) arg1 is turned off because it is not compatible with the other PSUs used in the Chassis.

arg1 = PSU number

The Power Supply Unit (PSU) identified in the message is turned off because it is not compatible with the other PSUs in the Chassis.

Replace the PSU with an appropriate unit, and then retry the operation. For a list of PSUs that are compatible, consult the system Owners Manual or contact your service provider.

Audit (PWR = Power Usage)
Severity 1 (Critical)
8417
Alert

The Power Supply Unit (PSU) is turned off because it is not supported by the Chassis.
PWR8601

Message
The multinode sled power button is disabled.

Detailed Description
The power buttons for all multinode sleds in the chassis are disabled. The operation to disable the power button is only applicable to the multinode sleds available, and does not affect other servers in the chassis.

Recommended Response Action
To enable the chassis power button use the CMC RACADM command line interface (CLI) or CMC Web interface. At the CLI, enter "racadm config -g cfgChassisPower -o cfgChassisSledPowerButtonEnable 1". Using the Web interface, click Server Overview > Power > Control. Clear the "Disable power button for all multinode sleds in the chassis" check box.

Category
Configuration (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

PWR8602

Message
The multinode sled power button is enabled.

Detailed Description
The power buttons for all multinode sleds in the chassis are enabled. The operation to enable the power button is only applicable to the multinode sleds available, and does not affect other servers in the chassis.

Recommended Response Action
To disable the chassis power button use the CMC RACADM command line interface (CLI) or CMC Web interface. At the CLI, enter "racadm config -g cfgChassisPower -o cfgChassisSledPowerButtonEnable 0". Using the Web interface, click Server Overview > Power > Control. Select the "Disable power button for all multinode sleds in the chassis" check box.

Category
Configuration (PWR = Power Usage)
PWR8654

Message
Chassis Management Controller (CMC) is unable to send power allocation information to the component arg1 - arg2.

Arguments
arg1 = component name, arg2 = component id

Detailed Description
CMC could not successfully send the power allocation information to the component identified in the message, because either iDRAC is stopped after the power allocation was sent by CMC or the communication between CMC and iDRAC has ended.

Recommended Response Action
Perform a Virtual Reseat operation of the component, and then retry the operation.

To virtually reseat a component, log in to the CMC Web interface, select Chassis Overview > Troubleshooting > Reset Components > select the option corresponding to the component, and then click Virtual Reseat.

Category
Audit (PWR = Power Usage)

Severity
Severity 1 (Critical)
PWR8655

Message
Chassis Management Controller (CMC) is unable to turn on the component arg1 - arg2 because of insufficient power. The minimum required power is arg3 AC Watts, but only arg4 AC Watts is available.

Arguments
arg1 = component name, arg2 = slot number, arg3 = min power, arg4 = available power

Detailed Description
CMC could not successfully turn on the component identified in the message, because of insufficient power available.

Recommended Response Action
Make sure there is sufficient power available, and then retry the operation. To view the available power, on the CMC Web interface, click Chassis Overview > Power > Power Budget Status. The available power is displayed in the Total Input Power Available For Allocation field. To increase available power, add more PSUs or remove unused components from the Chassis.

Category
Audit (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
8418

Redfish Event Type
Alert

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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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PWR8656

Message
Chassis Management Controller (CMC) is unable to turn on the component arg1 - arg2 because of insufficient power.

Arguments
arg1 = component name, arg2 = slot number

Detailed Description
CMC could not successfully turn on the component identified in the message, because of insufficient power available.

Recommended Response Action
Make sure there is sufficient power available, and then retry the operation. To increase available power, add more PSUs, use PSUs with higher voltage inputs or a higher power rating, remove unused components from the Chassis, or change the redundancy policy to Redundancy Alerting Only or Non-redundant.
Category: Audit (PWR = Power Usage)
Severity: Severity 2 (Warning)
Trap/EventID: 8418
Redfish Event Type: Alert

### Filter Visibility

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### LC Log

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**PWR8663**

**Message**: Unable to turn on the server arg1 because of an inconsistency between the I/O module and mezzanine card.

**Arguments**: arg1 = server number

**Detailed Description**: The server identified in the message could not be successfully turned on because of incompatibility between the I/O module and mezzanine card.

**Recommended Response Action**: Make sure that the I/O module and mezzanine card are compatible. For information about compatibility of hardware components, see the Modular System Chassis Hardware Manual.

Category: Audit (PWR = Power Usage)
Severity: Severity 1 (Critical)
Trap/EventID: 8417
Redfish Event Type: Alert

### Filter Visibility

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PWR8664

Message
The Dynamic Power Supply Engagement feature is arg1.

Arguments
arg1 = enabled or disabled

Detailed Description
The power configuration property dynamic power supply engagement feature is disabled or enabled as identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR8665

Message
The Chassis power button is arg1.

Arguments
arg1 = enabled or disabled

Detailed Description
The property chassis power button is either enabled or disabled as identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (PWR = Power Usage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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PWR8666

Message: The iKVM power cycle operation is initiated.
Detailed Description: The iKVM power cycle operation is initiated.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

PWR8667

Message: Chassis Management Controller (CMC) is resetting iKVM to its default settings.
Detailed Description: Chassis Management Controller (CMC) is resetting iKVM to its default settings.
Recommended Response Action: No response action is required.
Category: Audit (PWR = Power Usage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
Chassis Management Controller (CMC) has initiated the process of resetting iKVM.

Chassis Management Controller (CMC) has initiated the process of resetting iKVM.

No response action is required.

Audit (PWR = Power Usage)

Severity 3 (Informational)

Alert

Unable to turn on the server \texttt{arg1} because of an inconsistency between the chassis and server components.

\texttt{arg1} = server number

The server identified in the message could not be successfully turned on because of incompatibility between the chassis PCIe components and mezzanine card.

Make sure that the chassis PCIe components and mezzanine card are compatible.

For information about compatibility of hardware components, see the Modular System Chassis Hardware Manual available at the support site.
**PWR8670**

**Message**
Unable to turn on server arg1 because the required power arg2 AC Watts exceeds the subsystem Connector Limit arg3 AC Watts for IO modules, Blowers and Servers.

**Arguments**
arg1 = slot ID, arg2 = power level, arg3 = power limit

**Detailed Description**
The server identified in the message cannot be turned on if the Connector Limit for the subsystems identified in the message is exceeded.

**Recommended Response Action**
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available for the server to turn on or turn off low priority servers and try the operation again.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8417

**Redfish Event Type**
Alert

---

**PWR8670**

**Message**
Unable to turn on server arg1 because the required power arg2 AC Watts exceeds the subsystem Connector Limit arg3 AC Watts for IO modules, Blowers and Servers.

**Arguments**
arg1 = slot ID, arg2 = power level, arg3 = power limit

**Detailed Description**
The server identified in the message cannot be turned on if the Connector Limit for the subsystems identified in the message is exceeded.

**Recommended Response Action**
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available for the server to turn on or turn off low priority servers and try the operation again.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8418

**Redfish Event Type**
Alert

---

**Message**
Unable to turn on server arg1 because the required power arg2 AC Watts exceeds the subsystem Connector Limit arg3 AC Watts for IO modules, Blowers and Servers.

**Arguments**
arg1 = slot ID, arg2 = power level, arg3 = power limit

**Detailed Description**
The server identified in the message cannot be turned on if the Connector Limit for the subsystems identified in the message is exceeded.

**Recommended Response Action**
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available for the server to turn on or turn off low priority servers and try the operation again.

**Category**
Audit (PWR = Power Usage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8418

**Redfish Event Type**
Alert
PWR8671

Message
The Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power \( \text{arg1} \) AC Watts exceeds the subsystem power limit \( \text{arg2} \) AC Watts for IO Modules, Blowers and Servers.

Arguments
\( \text{arg1} = \text{requested power level}, \text{arg2} = \text{power limit} \)

Detailed Description
The Enhanced Cooling Mode feature cannot be enabled because the requested power exceeds the Chassis subsystem power limit for IO Modules, Blowers and Servers.

Recommended Response Action
Make sure the system operates within the subsystem Connector Limit for the components specified. To review power budget information select Chassis Overview -> Power -> Budget Status. Turn off unused components within the subsystem to make power available to set Enhanced Cooling Mode.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)

Trap/EventID
8419

Redfish Event Type
Alert

PWR8672

Message
The server in slot \( \text{arg1} \) does not have a \( \text{arg2} \) mezzanine card in slot \( \text{arg3} \).

Arguments
\( \text{arg1} = \text{server slot number}, \text{arg2} = \text{card type}, \text{arg3} = \text{mezzanine position number} \)

Detailed Description
The server identified in the message does not have a card in the Mezzanine slot as identified in the message. A mezzanine card position is identified with the following numbers: For quarter-width server, the position number is 1. For half-width server mezzanine C & B maps to position numbers 1 & 2 respectively. For full-width server, mezzanine C & B on the upper- or left part of the server maps to position...
numbers 1 & 2 respectively. Mezzanine C & B on the lower- or right part of the server maps to position numbers 3 & 4 respectively.

**Recommended Response Action**
Insert a mezzanine card in the slot identified in the message.

**Category**
Configuration (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**PWR8673**

**Message**
arg1 chassis configuration detected at arg2 arg3.

**Arguments**
arg1 = Carrier grade, arg2 = voltage, arg3 = power state

**Detailed Description**
Displays voltage change with power configuration change.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
PWR8674

**Message**
Unable to change the value of Allow 110 VAC Operation property because it is not supported in NEBS configuration PWR or PSU.

**Detailed Description**
Unable to change the value of the Allow 110 VAC Operation property because it is not supported in NEBS configuration PWR or PSU.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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</tbody>
</table>

PWR8675

**Message**
AC power supply is detected in the NEBS configuration.

**Detailed Description**
AC power supply is detected in the NEBS configuration.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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</tbody>
</table>

1299
PWR8676

Message: Unable to set the chassis power property arg1.

Arguments: arg1 = property name

Detailed Description: The chassis power property identified in the message cannot be set.

Recommended Response Action: Contact your service provider.

Category: Configuration (PWR = Power Usage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility

<table>
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<tr>
<th>iDRAC</th>
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<th>✔</th>
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<tbody>
<tr>
<td>CMC</td>
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</tbody>
</table>

PWR8677

Message: Dynamic Power Supply Engagement configuration is changed.

Detailed Description: Dynamic Power Supply Engagement configuration is changed.

Recommended Response Action: No response action is required.

Category: Configuration (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
**PWR8678**

**Message**
The value of the property `arg1` is `arg2`.

**Arguments**
`arg1` = power property name, `arg2` = enable or disable

**Detailed Description**
The power property identified in the message is changed as identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**PWR8680**

**Message**
The `arg1` firmware in the server slot `arg2` does not support the storage sled.

**Arguments**
`arg1` = iDRAC/BIOS, `arg2` = slot number

**Detailed Description**
The firmware identified in the message does not support the storage sled.
Recommended Response Action: Update the firmware identified in the message to the supported latest available version. See the latest iDRAC User Guide for information on the versions that support the storage sled.

Category: System Health (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 2273

Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>

**PWR8681**

Message: The arg1 firmware in the server slot arg2 does not support additional PCIe slots.

Arguments: arg1 = iDRAC/BIOS, arg2 = slot number

Detailed Description: The firmware identified in the message does not support the PCIe reassignment operation.

Recommended Response Action: Update the firmware identified in the message to the supported latest available version. See the latest iDRAC User Guide for information on the versions that support the PCIe reassignment.

Category: System Health (PWR = Power Usage)

Severity: Severity 1 (Critical)

Trap/EventID: 2273

Redfish Event Type: Alert

<table>
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</table>
Message
Unable to turn on the storage sled controller \textit{arg1} in slot \textit{arg2} because the \textit{arg3} module is not functioning.

Arguments
\textit{arg1} = controller number, \textit{arg2} = slot number, \textit{arg3} = module name

Detailed Description
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller identified in the message. The Chassis storage sled controller is unable to turn on due to a configuration or hardware issue.

Recommended Response Action
Remove the storage sled identified in the message, re-insert it and observe whether the issue is resolved. If the issue persists, contact your service provider.

Category
System Health (PWR = Power Usage)

Severity
Severity 1 (Critical)

Trap/EventID
2273

Redfish Event Type
Alert

### PWR8683

Message
Initiated the Virtual Reseat of peripheral \textit{arg1}.

Arguments
\textit{arg1} = slot number

Detailed Description
A Virtual Reseat for the peripheral sled identified in the message is initiated. A Virtual Reseat is the same as removing and inserting a peripheral sled.

Recommended Response Action
No response action is required.

Category
Audit (PWR = Power Usage)

Severity
Severity 3 (Informational)
**PWR8684**

**Message**
Storage sled controller arg1 in slot arg2 turned on successfully.

**Arguments**
*arg1* = controller number, *arg2* = slot number

**Detailed Description**
The storage sled controller in the slot identified in the message turned on successfully.

**Recommended Response Action**
No response action is required.

**Category**
System Health (PWR = Power Usage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</tbody>
</table>

**PWR8685**

**Message**
The arg1 firmware in the server slot arg2 supports the storage sled.

**Arguments**
*arg1* = iDRAC/BIOS, *arg2* = slot number

**Detailed Description**
The firmware identified in the message supports the storage sled.
Recommended Response Action
No response action is required.

Category Audit (PWR = Power Usage)
Severity Severity 3 (Informational)
Trap/EventID 8419
Redfish Event Type Alert

<table>
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<th>Filter Visibility</th>
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</table>

**PWR8686**

**Message**
The Chassis Management Controller (CMC) is unable to turn on the storage sleds associated with server in slot arg1 because the iDRAC firmware version in the server does not support the chassis storage module.

**Arguments**
arg1 = slot number

**Detailed Description**
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller identified in the message because iDRAC version installed on the server is not compatible.

**Recommended Response Action**
Update the iDRAC firmware identified in the message to the supported latest available version and retry the operation. For information about the supported firmware versions, refer to the Chassis Management Controller users Guide available at the support site.

**Category** System Health (PWR = Power Usage)
**Severity** Severity 2 (Warning)
**Trap/EventID** 2274
**Redfish Event Type** Alert

<table>
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<tr>
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</tbody>
</table>
The Chassis Management Controller (CMC) is unable to turn on the storage sled controller installed on server in slot arg1 because the server does not have a Mezzanine card.

Arguments

arg1 = server slot

Recommended Response Action
Install a Mezzanine card in the Mezzanine card slot of the server identified in the message, and then retry the operation.

Category
System Health (PWR = Power Usage)

Severity
Severity 2 (Warning)

Trap/EventID
2274

Redfish Event Type
Alert
Detailed Description: The Chassis AC Power Recovery feature is enabled or disabled as described in the message.

Recommended Response Action: No response action is required.

Category: Configuration (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

| iDRAC | ✔️ | ✔️ |
| CMC | ✔️ | ✔️ | ✔️ |

PWR8689

Message: The Chassis, and the associated Chassis Infrastructure and Computation Nodes are automatically turned off, because an AC Power Cycle operation is performed on the Chassis Management Controller (CMC) when the AC Power Recovery feature is enabled.

Detailed Description: The Chassis, and the associated Chassis Infrastructure and Computation Nodes are automatically turned off because an AC Power Cycle operation is performed on the Chassis Management Controller when the AC Power Recovery feature is enabled.

Recommended Response Action: No response action is required.

Category: Audit (PWR = Power Usage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

| iDRAC | ✔️ |
| CMC | ✔️ | ✔️ | ✔️ |

1307
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## RAC Event Messages

### RAC001

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<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The command was successful.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The command was successful.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### RAC002

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>General failure.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>An unknown error occurred.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Do one of the following: 1) Rerun the command. 2) Reset iDRAC and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
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*No alerts are applicable for this message*

### RAC003

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<tr>
<td><strong>Message</strong></td>
<td>Missing required parameter arg1.</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td>arg1 = parameter name</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>One or more required parameters for the method are missing.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer to the profile document and provide the required parameters.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC004**

**Message**  
Invalid parameter value for *arg1*.

**Arguments**  
*arg1* = parameter

**Detailed Description**  
The parameter value for the given parameter is invalid.

**Recommended Response Action**  
Provide a valid parameter value for specified parameter.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**RAC005**

**Message**  
Mismatch in AttributeName and AttributeValue count.

**Detailed Description**  
The name value pairs do not match in the input specified in the method invocation parameters.

**Recommended Response Action**  
Provide a valid (AttributeName, AttributeValue) pair.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**RAC006**

**Message**  
The attribute value cannot be changed because it is of read-only type.

**Detailed Description**  
The attribute value cannot be changed because it is of read-only type.

**Recommended Response Action**  
No response action is required.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**RAC007**

<table>
<thead>
<tr>
<th>Message</th>
<th>The attribute value is outside the acceptable range.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The attribute value is outside the acceptable range.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a value within the range and retry the operation. For more information about the acceptable range, refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and DCIM Profile Documents available at the support site.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**RAC008**

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid boolean Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The attribute boolean value is not valid for the specified attribute.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Provide valid boolean value for the specified attribute.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td><em>No alerts are applicable for this message</em></td>
</tr>
</tbody>
</table>

**RAC009**

<table>
<thead>
<tr>
<th>Message</th>
<th>Input string length exceeds maximum length.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested operation cannot be completed because the length of the input string exceeds maximum length allowed.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify the string length and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
</tbody>
</table>
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC010

Message: Input contains invalid character.

Detailed Description: The input value for the attribute being set contains characters that are not allowed.

Recommended Response Action: Retry the operation using valid input characters. Refer to the Lifecycle Controller-Remote Services documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0100

Message: The Smart Card is removed. Further communication is not possible.

Detailed Description: Communication with the Smart Card has been lost.

Recommended Response Action: Insert a valid Smart Card and try again.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0101

Message: The inserted Smart Card is not valid or the Smart Card reader is not supported.

Detailed Description: The data returned is not in a known format.

Recommended Response Action: This error may occur because: 1. Smart Card is invalid. Insert a valid Smart Card and try again. 2. Check connection between reader and system. 3. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.

Category: Audit (RAC = RAC Event)
RAC0102

Message  The Smart Card Logon plug-in is not installed. Install the plug-in from the iDRAC Web GUI to log in using Smart Card.

Detailed Description  The software to communicate with the Smart Card is not loaded in this browser. Smart Card can be used for log in only if the appropriate Smart Card software is installed in the browser.

Recommended Response Action  Install the plug-in prompted by the iDRAC Web GUI to log in using Smart Card.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0103

Message  This browser does not support Smart Card logon on iDRAC. Use Internet Explorer version 7.0 or later to use this feature.

Detailed Description  Smart Card login is only supported in newer versions of Internet Explorer.

Recommended Response Action  See the iDRAC help text or documentation for a list of supported browsers.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0104

Message  An incorrect PIN was entered.

Detailed Description  An invalid PIN was entered. Too many log in attempts with a Smart Card login can result in a user being locked out of the system.

Recommended Response Action  1. Enter a valid Smart Card PIN and try again. 2. Use a different Smart Card.
RAC0105

Message: The Smart Card reader cannot be detected. Check whether the reader is installed correctly.

Detailed Description: Communication with the Smart Card reader cannot be established, or is lost.

Recommended Response Action: This error may occur because: 1. Check connection between reader and system. 2. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.

RAC0106

Message: The Smart Card cannot be detected. Insert the Smart Card correctly.

Detailed Description: Communication with the Smart Card reader is established and a Smart Card is inserted, but there are problems reading the Smart Card.

Recommended Response Action: This error may occur because: 1. Make sure the Smart Card is seated correctly. 2. Smart Card is invalid. Insert a valid Smart Card and try again. 3. Check connection between reader and system. 4. There may be an issue with the Smart Card reader. Try reinstalling the reader driver or use a different reader.

RAC0107

Message: The inserted Smart Card cannot be recognized. Ensure that the correct Smart Card CSP drivers are installed.
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>Communication with the Smart Card reader is established and a Smart Card is inserted, but there are problems accessing the Smart Card. The appropriate Cryptographic Service Provider (CSP) drivers are not installed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>There may be an issue with the Smart Card Cryptographic Service Provider (CSP) drivers. Use the client OS to install CSP driver. If the OS has problem with Smart Card, then there will have problem using the Smart Card. So make sure Smart Card can login with Windows OS.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC0108**

<table>
<thead>
<tr>
<th>Message</th>
<th>An internal error is encountered. Insert a valid Smart Card and try again. (Does this and preceding messages show up in the SEL?)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A non-specific error is detected when accessing the Smart Card.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Review the error message preceding or following this message.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**RAC011**

<table>
<thead>
<tr>
<th>Message</th>
<th>A configuration Job already exists, cannot process more set operations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>A Job has already been scheduled to apply pending iDRAC attribute values. Additional configuration operations are not allowed while there is a configuration Job pending execution.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Wait for the scheduled Job to complete before setting more attributes.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
RAC0113

**Message**
Remote Syslog Port value is invalid: Valid range is 1-65535 or 0x1-0xFFFF.

**Detailed Description**
Data entered is not an integer value in the valid range of numbers.

**Recommended Response Action**
Enter a Remote Syslog Port number. Expected range: [1-65535 or 0x1-0xFFFF]

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC0115

**Message**
The Destination IP Address value is invalid.

**Detailed Description**
The IPv4 address does not conform to the addressing standard or the supported IPv4 address range.

**Recommended Response Action**
Enter the Destination IP Address value between [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC0116

**Message**
Invalid Destination IPv6 Address.

**Detailed Description**
The entered IPv6 address does not conform to the addressing standard or the supported IPv6 address range.

**Recommended Response Action**
Enter a valid Destination IPv6 Address.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0117

**Message**
SD card is unavailable.

**Detailed Description**
The SD card is not present, or communication with the SD card is lost. This could result in reduced functionality and capabilities.

**Recommended Response Action**
This error may occur because: 1. Make sure the SD card is seated correctly. 2. The SD card is invalid. Insert a valid SD card of size greater than 256MB and try again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC0118

**Message**
Unsupported vFlash SD card detected.

**Detailed Description**
The SD card is not a valid vFlash SD card. The use of non-Dell media prevents the use of some extended capabilities and functions.

**Recommended Response Action**
Insert a supported vFlash SD card.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC012

**Message**
Unable to perform the operation because of insufficient user privileges.

**Detailed Description**
The user credentials supplied do not have sufficient privileges to perform the operation.

**Recommended Response Action**
Retry the operation with user credentials authorized for the requested operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0120

Message         The selected partition size exceeds the available space.
Detailed        Requested partition size exceeds the available space.
Description     
Recommended     Enter a partition size smaller than the unused space on the vFlash SD card.
Response Action
Category        Audit (RAC = RAC Event)
Severity        Severity 3 (Informational)
Redfish Event Type   Alert

No alerts are applicable for this message

RAC0121

Message         SD card is not initialized.
Detailed        SD card not readable. The card must be initialized.
Description     
Recommended     Initialize the SD card before it can be used.
Response Action
Category        Audit (RAC = RAC Event)
Severity        Severity 3 (Informational)
Redfish Event Type   Alert

No alerts are applicable for this message

RAC0124

Message         Invalid label: Label must be exclusively alphanumeric characters.
Detailed        All characters in the label must be alphanumeric.
Description     
Recommended     Enter all alphanumeric characters.
Response Action
Category        Audit (RAC = RAC Event)
Severity        Severity 3 (Informational)
Redfish Event Type   Alert

No alerts are applicable for this message
**RAC0126**

**Message**
The label value is invalid. Expected range: 1-6 alphanumeric characters.

**Detailed Description**
The label field is empty. A label is required to create an empty partition.

**Recommended Response Action**
Enter a label that contains one to six alphanumeric characters.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0127**

**Message**
The specified size must be a non-fractional numeric value.

**Detailed Description**
Size must be a whole number.

**Recommended Response Action**
Enter a whole number for the size field.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0128**

**Message**
An error has occurred in vFlash.

**Detailed Description**
A non-specific error has been detected while accessing the vFlash.

**Recommended Response Action**
Try the operation again in a few minutes. If the problem persists, reset iDRAC before trying the operation again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0129

Message: An error has occurred while initializing the SD card.
Detailed Description: No status response was returned after completing the initialization request.
Recommended Response Action: Try reinitializing the card again in a few minutes.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC013

Message: Unable to run the method because an invalid FQDD is entered.
Detailed Description: The method cannot be run because an invalid FQDD is entered.
Recommended Response Action: Enter a valid FQDD and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0130

Message: An error has occurred while creating a partition.
Detailed Description: A separate message will provide more detail about this error which was detected while creating the vFlash partition.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
### RAC0131

**Message**
An error has occurred while deleting a partition.

**Detailed Description**
A separate message will provide more detail about this error which was detected while deleting the vFlash partition.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0132

**Message**
An error has occurred while formatting a partition.

**Detailed Description**
A separate message will provide more detail about this error which was detected while formatting the vFlash partition.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0133

**Message**
An error has occurred while downloading a partition.

**Detailed Description**
A non-specific error has been detected when downloading the partition.

**Recommended Response Action**
Try downloading the partition again in a few minutes. If the problem persists, reset iDRAC before trying the operation again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0134

Message
This operation is unavailable for non-vFlash SD cards.

Detailed Description
The SD card is not a valid vFlash SD card. The use of non-Dell media prevents the use of some extended capabilities and functions.

Recommended Response Action
Insert a valid vFlash SD card.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0135

Message
An error has occurred while detaching a partition.

Detailed Description
A separate message will provide more detail about this error which was detected while detaching the vFlash partition.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0136

Message
An error has occurred while attaching a partition.

Detailed Description
A separate message will provide more detail about this error which was detected while attaching the vFlash partition.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
RAC0137

Message: An error has occurred while changing the read-write state for the partition.
Detailed Description: A separate message will provide more detail about this error which was detected while changing the read-write state of the vFlash partition.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0138

Message: A valid certificate is not loaded.
Detailed Description: The retrieved certificate came back as a null or empty document.
Recommended Response Action: Upload a valid certificate.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC014

Message: Unable to run the method because an invalid attribute name is entered.
Detailed Description: The method cannot be run because an invalid attribute name is entered.
Recommended Response Action: Enter a valid attribute name and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
### RAC0140

**Message**
Firmware update has failed.

**Detailed Description**
The firmware update process returned an Update Failed status.

**Recommended Response Action**
Try the firmware update again in a few minutes. If the problem persists, try uploading the firmware through another interface such as Web GUI, RACADM, or DUPs.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0141

**Message**
Firmware update verification failed: The update status is unknown.

**Detailed Description**
Firmware update verification process failed; the firmware update status is unknown.

**Recommended Response Action**
Verify if the firmware has been updated by checking the new firmware version number. If it has not been updated try the firmware update again in a few minutes. If the problem persists, try uploading the firmware through another interface such as Web GUI, RACADM, or DUPs.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0142

**Message**
File is not valid for iDRAC firmware update.

**Detailed Description**
The firmware update process identified an invalid firmware image.

**Recommended Response Action**
Upload a valid iDRAC firmware image.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC0146

Message: Firmware rollback has failed.
Detailed Description: Firmware rollback operation failed.
Recommended Response Action: Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0147

Message: Rollback firmware is not available.
Detailed Description: Firmware rollback image is missing or is corrupt.
Recommended Response Action: Upload a new firmware image.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0148

Message: Unable to retrieve the batteries information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about the batteries.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0149

Message: Unable to retrieve the fan information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about the fans.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC015

Message: Unable to run the method because the input value is not one of the possible values for AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: The input attribute value is not valid for the attribute identified in the message.
Recommended Response Action: Provide valid attribute value for the attribute identified in the message and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0150

Message: Unable to retrieve the intrusion sensor information. The system is powered off.
Detailed Description: While the system is powered off it is unable to retrieve information about system intrusion.
Recommended Response Action: Turn the system on to view this information.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0151

Message  Unable to retrieve the removable flash media information. The system is powered off.

Detailed Description  While the system is powered off it is unable to retrieve information about removable flash media.

Recommended Response Action  Turn the system on to view this information.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0152

Message  Unable to retrieve the power supply information. The system is powered off.

Detailed Description  While the system is powered off it is unable to retrieve information about power supplies.

Recommended Response Action  Turn the system on to view this information.

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0153

Message  Non-redundant power mode: Check the system hardware manual for implications.

Detailed Description  Power redundancy is typically used to protect equipment from unexpected power disruption that could cause data loss or hardware damage.

Recommended Response Action  It is recommended to use power redundancy

Category  Audit (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>Non-redundant power mode: Secondary power supply has degraded.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Displayed when a group of redundant power supplies has one or more individual power supplies with bad status.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Replace the degraded power supply unit. Check the Power Supplies page for more information.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to retrieve the temperature information. The system is powered off.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>While the system is powered off it is unable to retrieve information about system temperature.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Turn the system on to view this information.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to retrieve the voltage information. The system is powered off.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>While the system is powered off it is unable to retrieve information about system voltage.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Turn the system on to view this information.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
RAC0158

Message: Uploading kerberos keytab has failed.
Detailed Description: The Kerberos keytab is needed by the iDRAC to authenticate itself to the Kerberos (Active Directory) server. It is created on the AD server, and issued for the iDRAC. It's like a password, and therefore should be kept secret.
Recommended Response Action: The Kerberos keytab file may be corrupt. Upload a valid Kerberos keytab file.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC0159

Message: Certificate upload failed: No pending CSR or private key.
Detailed Description: Certificate upload failed because there is no pending Certificate Signing Request (CSR) or private key.
Recommended Response Action: Upload failed due to no pending Certificate Signing Request (CSR). Try creating a new CSR and then upload the certificate.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC016

Message: Unable to run the method because an invalid attribute name is entered.
Detailed Description: The method cannot be run because an invalid attribute name is entered.
Recommended Response Action: Enter a valid attribute name and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.
RAC0160

Message Certificate upload failed: Cannot validate the certificate.
Detailed Description Certificate upload failed because the certificate could not be validated.
Recommended Response Action Certificate may be corrupt. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

RAC0169

Message Certificate upload failed: Certificate is not valid.
Detailed Description Certificate upload failed because the certificate is not valid.
Recommended Response Action Certificate may be corrupt. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

RAC017

Message Job created to apply the attribute value.
Detailed Description The requested job has been created.
Recommended Response Action No response action is required.
Category Configuration (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
### RAC0171

**Message**
Certificate upload failed: Certificate has expired.

**Detailed Description**
Certificate upload failed because the certificate has expired.

**Recommended Response Action**
Certificate has expired. Try creating a new Certificate Signing Request (CSR) and then upload the certificate.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC018

**Message**
The Job is completed but with errors..

**Detailed Description**
All the tasks in the Job were attempted, but some did not complete successfully.

**Recommended Response Action**
Examine source of the errors by inspecting the results from the Job execution, and after resolving the issues, retry the operation. Job results can be retrieved from the Lifecycle Log or the WSMan API.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0180

**Message**
Certificate upload failed: Unable to get local issuer certificate from the Certification Authority (CA) for confirming the CA is legitimate.

**Detailed Description**
Certificate upload failed. Unable to get local issuer certificate. The local issuer certificate is the certificate for the Certificate Authority (CA) that has signed the certificate for the Active Directory (AD) server, unless it is self signed. The iDRAC needs to verify that the CA is legitimate.

**Recommended Response Action**
Certificate has expired. Try creating a new CSR and then upload the certificate.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
<table>
<thead>
<tr>
<th>Message ID</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Redfish Event Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAC019</td>
<td>Job did not complete successfully.</td>
<td>The submitted job did not complete successfully.</td>
<td>Examine source of the errors by inspecting the results from the job execution, and after resolving the issues, retry the operation. Job results can be retrieved from the Lifecycle Log or the WSMan API.</td>
<td>Configuration (RAC = RAC Event)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
</tr>
<tr>
<td>RAC020</td>
<td>Completed</td>
<td>The submitted job completed successfully.</td>
<td>No response action is required.</td>
<td>Configuration (RAC = RAC Event)</td>
<td>Severity 3 (Informational)</td>
<td>Alert</td>
</tr>
<tr>
<td>RAC0207</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td>---</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Message</strong></td>
<td>Certificate upload failed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Certificate upload failed possibly due to poor network connection.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Try the operation again in a few minutes. If the problem persists, issue a new Certificate Signing Request (CSR) and try again.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Severity</strong></td>
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<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>RAC0208</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Upload failed: May be due to invalid key data.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Upload failed possibly due to invalid key data.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Upload a certificate with a valid key.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

<table>
<thead>
<tr>
<th>RAC0209</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Certificate upload failed: iDRAC unable to upload at this time.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Certificate upload failed because iDRAC unable to upload at this time.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Try the operation again in a few minutes.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
RAC021

**Message**
Unable to set static values for IPAddress Net mask or Gateway because DHCP is Enabled.

**Detailed Description**
The static values for IPAddress Net mask or Gateway cannot be set because DHCP is enabled.

**Recommended Response Action**
Disable DHCP to set static values for IPAddress Net mask or Gateway.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

RAC0211

**Message**
Firmware update has failed.

**Detailed Description**
Firmware update has failed. This may be due to a corrupt firmware image, poor network connection, or another issue.

**Recommended Response Action**
Download a new firmware image and try loading the firmware again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

RAC0212

**Message**
Login failed. Verify that username and password is correct.

**Detailed Description**
This is a generic error message used on all the login pages.

**Recommended Response Action**
Enter valid credentials.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0213

Message: Missing Username.
Detailed Description: Login page is missing a username.
Recommended Response Action: Enter a valid username.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0214

Message: Missing Password.
Detailed Description: Login page is missing a password.
Recommended Response Action: Enter a valid password.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0215

Message: Login failed: User does not have Login to iDRAC privilege.
Detailed Description: Login failed because the user does not have Login to iDRAC privilege.
Recommended Response Action: Login to iDRAC privilege is needed.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0216

Message  Login failed.
Detailed Description  Login failed because of an unknown reason.
Recommended Response Action  Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0217

Message  iDRAC is not responding.
Detailed Description  Client did not receive a response for the login request.
Recommended Response Action  Try pinging the iDRAC and then try again.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0218

Message  The maximum number of user sessions is reached.
Detailed Description  A maximum of 4 iDRAC Web GUI sessions can be open at any time.
Recommended Response Action  Close one or more sessions before opening another session.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message
RAC0219

Message
Power command failed.

Detailed Description
Requested power state change has failed.

Recommended Response Action
Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC022

Message
Unable to set values for User Password, IPMI Lan, IPMI Serial or User Admin Privilege because the User Name is not configured.

Detailed Description
Unable to set values for User Password, IPMI Lan, IPMI Serial or User Admin Privilege because the User Name is not configured.

Recommended Response Action
Set User Name before attempting to set values of other identified attributes.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0221

Message
The Destination E-mail Address is too long. The maximum length is 64 characters.

Detailed Description
The Destination E-mail Address can contain upto 64 characters.

Recommended Response Action
Enter an email address that contains upto 64 characters.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
### RAC0222

**Message**  
The Destination E-mail Address is invalid.

**Detailed Description**  
The specified email address does not match an email address format. Ex: “janedoe@email.com.”

**Recommended Response Action**  
Enter a valid email address.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### RAC0223

**Message**  
Enter an alphanumeric value or a valid symbol for the following (see the online help for more information):

**Detailed Description**  
The Subject line in the email contains invalid characters.

**Recommended Response Action**  
Invalid character. Enter a valid value as mentioned in the online help.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### RAC0224

**Message**  
Invalid e-mail description.

**Detailed Description**  
A partial string used to construct a complete error message.

**Recommended Response Action**  
Enter a valid email description.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
RAC0225

Message: Sending the test mail failed.
Detailed Description: Sending the test mail failed. This will prevent alert messages from being sent to this email address.
Recommended Response Action: Confirm that: 1. A valid SMTP server address is configured in the iDRAC. 2. The remote email server is configured properly to send and receive emails.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0226

Message: Send Failed: Request processing failed.
Detailed Description: Sending the test mail failed. This will prevent alert messages from being sent to this email address.
Recommended Response Action: Confirm that: 1. A valid SMTP server address is configured in the iDRAC. 2. The remote email server is configured properly to send and receive emails.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0227

Message: SD card is not detected: Insert an SD Card of size greater than 256MB.
Detailed Description: The SD card is not present, or communication with the SD card is lost. This could result in reduced functionality and capabilities.
Recommended Response Action: This error may occur because: 1. Make sure the SD card is seated correctly. 2. The SD card is invalid. Insert a valid SD card of size greater than 256MB and try again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
| RAC0228 |
|-----------------|---------------------------------------------------------------------------------|
| **Message**     | SD Card is detected with an unrecognized format. Click Initialize to initialize the card. |
| **Detailed Description** | SD Card needs to be formatted to make it usable. The card must be initialized. |
| **Recommended Response Action** | Click Initialize to initialize the card and make it usable. |
| **Category**    | Audit (RAC = RAC Event) |
| **Severity**    | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |
| **No alerts are applicable for this message** |

| RAC023 |
|-----------------|---------------------------------------------------------------------------------|
| **Message**     | Unable to enable the User or set values for IPMI Lan, IPMI Serial, or User Admin Privilege because the User Password is not configured. |
| **Detailed Description** | Unable to enable the User or set values for IPMI Lan, IPMI Serial, or User Admin Privilege because the User Password is not configured. |
| **Recommended Response Action** | Set User Password before attempting to enable the other identified attributes. |
| **Category**    | Configuration (RAC = RAC Event) |
| **Severity**    | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |
| **No alerts are applicable for this message** |

| RAC0230 |
|-----------------|---------------------------------------------------------------------------------|
| **Message**     | This operation erases all data in the SD Card. Do you want to continue? |
| **Detailed Description** | This message is displayed when a confirmation is required to initialize the vFlash SD Card. |
| **Recommended Response Action** | Press OK to initialize the SD Card. This will erase all data. If undesired press Cancel. |
| **Category**    | Audit (RAC = RAC Event) |
| **Severity**    | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |
| **No alerts are applicable for this message** |
RAC0231
Message
This operation erases all data in the partition. Do you want to continue?
Detailed Description
This message is displayed when a confirmation is required to format the vFlash SD Card partition.
Recommended Response Action
Press OK to initialize this partition of the SD Card. This action will erase all the data in this partition. If undesired press Cancel.
Category
Audit (RAC = RAC Event)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert

No alerts are applicable for this message

RAC0235
Message
vFlash image upload timed out.
Detailed Description
When uploading an image to the vFlash partition, the operation is unresponsive, and has timed out.
Recommended Response Action
Try uploading the vFlash image again.
Category
Audit (RAC = RAC Event)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert

No alerts are applicable for this message

RAC0236
Message
Invalid image: Upload failed
Detailed Description
vFlash image upload failed because the image is not valid.
Recommended Response Action
Image may be corrupt. Try uploading a valid vFlash image.
Category
Audit (RAC = RAC Event)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert

No alerts are applicable for this message
RAC0237

Message: An error occurred while uploading the vFlash image.
Detailed Description: A separate message will provide more detail about this error which was detected while uploading the vFlash image.
Recommended Response Action: Try uploading the vFlash image again.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0238

Message: vFlash is currently in-use by another process. Try again later.
Detailed Description: vFlash is unable to service the request at this time. Try again later.
Recommended Response Action: Try the operation after a few minutes.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0239

Message: SD Card is write-protected.
Detailed Description: The contents of a write protected SD Card cannot be modified.
Recommended Response Action: Make sure the SD Card is not write-protected before attempting to change its contents.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC024

Message: Unable to VLAN is Disabled so cannot set VLAN Priority because VLAN is Disabled.

Recommended Response Action: Enable VLAN to set VLAN Priority.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0240

Message: vFlash is disabled.

Recommended Response Action: Enable vFlash before trying the operation.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0241

Message: The specified size exceeds the maximum size of arg1 MB.

Arguments: arg1 = size

Recommended Response Action: Delete existing data or insert a SD card of greater size and retry.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
### RAC0242

**Message**
The selected partition does not exist.

**Detailed Description**
The vFlash partition does not exist. This may be due to another user deleting that partition.

**Recommended Response Action**
Refresh the Web GUI page to see the available partitions.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0243

**Message**
Partition failed: A partitioning conflict has occurred with another session.

**Detailed Description**
There was a conflict with a concurrent session. Another user may have logged in using a separate browser or RACADM.

**Recommended Response Action**
There was a conflict with a concurrent session. Refresh the page to see the currently available options.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0244

**Message**
The partition label must be unique.

**Detailed Description**
This message is displayed when a duplicate vFlash partition name is entered.

**Recommended Response Action**
Enter a unique label name for the partition.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**RAC0245**

**Message**
The partition is in-use by another process.

**Detailed Description**
The vFlash partition is in-use by another process. Therefore, the current operation cannot proceed.

**Recommended Response Action**
Try the operation after a few minutes or with another partition. If the problem persists, reset iDRAC and repeat the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0246**

**Message**
Partition is read-only.

**Detailed Description**
The contents of a read-only partition cannot be modified.

**Recommended Response Action**
Make sure the partition is writable before attempting to change its contents.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0247**

**Message**
The partition is currently attached.

**Detailed Description**
This message is displayed when trying to format or download to an attached vFlash partition.

**Recommended Response Action**
Detach this partition and try again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0248
Message  This operation deletes the partition permanently. Do you want to continue?
Detailed Description  This message is displayed when trying to delete a vFlash partition.
Recommended Response Action  Press OK to delete this partition of the SD Card. This action will erase all the data in this partition. If undesired press Cancel.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0249
Message  One or more partitions are in-use by another process.
Detailed Description  The vFlash partition is in-use by another process. Therefore, the current operation cannot proceed.
Recommended Response Action  Try the operation after a few minutes. If the problem persists, reset iDRAC and repeat the operation.
Category  Audit (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC025
Message  Unable to set values for DNS1 or DNS2 attributes because DNS from DHCP is Enabled.
Detailed Description  Unable to set static values for DNS1 or DNS2 when DNS from DHCP is Enabled.
Recommended Response Action  Disable DNS from DHCP to set values for DNS1 or DNS2.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
**RAC0250**

**Message**
One or more partitions are read-only.

**Detailed Description**
The vFlash partitions are read-only. Therefore, the current operation cannot proceed.

**Recommended Response Action**
Make sure the partitions are writable before attempting to change their contents.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0251**

**Message**
One or more partitions are currently attached.

**Detailed Description**
The vFlash partitions are attached. Therefore, the current operation cannot proceed.

**Recommended Response Action**
Detach the partitions and try again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0252**

**Message**
One or more partitions are currently detached.

**Detailed Description**
The vFlash partitions are detached. Therefore, the current operation cannot proceed.

**Recommended Response Action**
Attach the partitions and try again.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### RAC0253

**Message**  
The IP Address is invalid. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

**Detailed Description**  
This error message is displayed to indicate that the IPv4 address does not conform to the required format.

**Recommended Response Action**  
Enter a valid IP Address. Expected range: [1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### RAC0254

**Message**  
The Gateway Address is invalid. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

**Detailed Description**  
This error message is displayed to indicate that the IPv4 Gateway Address does not conform to the required format.

**Recommended Response Action**  
Enter a valid Gateway Address. Expected range: [0.0.0.0 or 1.0.0.0 - 223.255.255.255 excluding: 127 (first octet), 0 or 255 (last octet)].

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### RAC0255

**Message**  
The Subnet Mask is invalid. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254).

**Detailed Description**  
This error message is displayed to indicate that the IPv4 Subnet Mask does not conform to the required format.

**Recommended Response Action**  
Enter a valid Subnet Mask. Expected ranges are: 255.XXX.0.0 [Class A], 255.255.XXX.0 [Class B], 255.255.255.XXX [Class C], and XXX.0.0.0 [others], where XXX must be valid (0,128,192,224,240,248,252,254).

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)
<table>
<thead>
<tr>
<th><strong>Redfish Event Type</strong></th>
<th>Alert</th>
</tr>
</thead>
<tbody>
<tr>
<td>No alerts are applicable for this message</td>
<td></td>
</tr>
</tbody>
</table>

**RAC0256**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The Preferred DNS Server Address is invalid. Expected range: ([0.0.0.0 \text{ or } 1.0.0.0 - 223.255.255.255 \text{ excluding: } 127 \text{ (first octet), } 0 \text{ or } 255 \text{ (last octet)}]).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This error message is displayed to indicate that the Preferred DNS IPv4 address does not conform to the required format.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enter a valid Preferred DNS Server Address. Expected range: ([0.0.0.0 \text{ or } 1.0.0.0 - 223.255.255.255 \text{ excluding: } 127 \text{ (first octet), } 0 \text{ or } 255 \text{ (last octet)}]).</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

**RAC0257**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The Alternate DNS Server Address is invalid. Expected range: ([0.0.0.0 \text{ or } 1.0.0.0 - 223.255.255.255 \text{ excluding: } 127 \text{ (first octet), } 0 \text{ or } 255 \text{ (last octet)}]).</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This error message is displayed to indicate that the Alternate DNS IPv4 address does not conform to the required format.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enter a valid Alternate DNS Server Address. Expected range: ([0.0.0.0 \text{ or } 1.0.0.0 - 223.255.255.255 \text{ excluding: } 127 \text{ (first octet), } 0 \text{ or } 255 \text{ (last octet)}]).</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>

**RAC0259**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Invalid IPv6 address.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This error message is displayed to indicate that the IPv6 address does not conform to the required format.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Enter a valid IPv6 address.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (RAC = RAC Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
</tbody>
</table>
**RAC026**

**Message**  
Unable to set DNS Domain Name because “Domain Name From DHCP” is Enabled.

**Detailed Description**  
Unable to set DNS Domain Name because “Domain Name From DHCP” is Enabled.

**Recommended Response Action**  
Disable “Domain Name From DHCP” to set values for DNS Domain Name.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**RAC0260**

**Message**  
Invalid IPv6 prefix length. Expected range: 0-128.

**Detailed Description**  
The specified IPv6 address prefix length is invalid.

**Recommended Response Action**  
Enter a valid IPv6 prefix length. Expected range: 0-128.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**RAC0261**

**Message**  
Invalid IPv6 gateway address.

**Detailed Description**  
This error message is displayed to indicate that the IPv6 gateway address does not conform to the required format.

**Recommended Response Action**  
Enter a valid IPv6 gateway address.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
### RAC0262
- **Message**: The Preferred IPv6 DNS Server Address is invalid.
- **Detailed Description**: This error message is displayed to indicate that the Preferred IPv6 DNS Server address does not conform to the required format.
- **Recommended Response Action**: Enter a valid Preferred IPv6 DNS server address.
- **Category**: Audit (RAC = RAC Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

### RAC0263
- **Message**: The Alternate IPv6 DNS Server Address is invalid.
- **Detailed Description**: This error message is displayed to indicate that the Alternate IPv6 DNS Server address does not conform to the required format.
- **Recommended Response Action**: Enter a valid Alternate IPv6 DNS server address.
- **Category**: Audit (RAC = RAC Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

### RAC0265
- **Message**: Specify the VLAN ID and VLAN Priority.
- **Detailed Description**: If VLAN is enabled, specify the VLAN ID and VLAN Priority.
- **Recommended Response Action**: Enter a VLAN ID and VLAN Priority.
- **Category**: Audit (RAC = RAC Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*
RAC0266

Message
Invalid VLAN ID. Expected range: 1-4094.

Detailed Description
Specify a valid VLAN ID.

Recommended Response Action
Enter a valid VLAN ID. Expected range: 1-4094.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0267

Message
Invalid VLAN Priority. Expected range: 0-7.

Detailed Description
Specify a valid VLAN Priority.

Recommended Response Action
Enter a valid VLAN Priority. Expected range: 0-7.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0268

Message
NIC is disabled.

Detailed Description
The NIC is disabled. This may adversely affect the current operation, and might not allow subsequent GUI interactions to this NIC.

Recommended Response Action
Enable the NIC before performing the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
### RAC0269

**Message**

The NIC MTU is invalid. Expected range: 576-1500 or 0x240-0x5DC.

**Detailed Description**

Specify a valid NIC MTU.

**Recommended Response Action**

Enter a valid NIC MTU. Expected range: 576-1500 or 0x240-0x5DC.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

### RAC027

**Message**

Unable to set values for Speed or Duplex because Auto Negotiation is Enabled.

**Detailed Description**

Unable to set static values for Speed or Duplex when the Auto Negotiation attribute is enabled.

**Recommended Response Action**

Disable Auto Negotiation in order to set values for Speed or Duplex.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

### RAC0270

**Message**

IPv4 and IPv6 are disabled.

**Detailed Description**

This is a warning message that continuing this operation does not allow subsequent GUI interactions to this NIC.

**Recommended Response Action**

Enable IPv4 or IPv6 before continuing the operation.

**Category**

Audit (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*
### RAC0271

**Message**
Continuing will lock user account.

**Detailed Description**
Locking the user account prevents them from gaining access to iDRAC.

**Recommended Response Action**
Press OK to lock this user account. This action will prevent future access for this user. If undesired press Cancel.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0272

**Message**
Disabling NIC will prevent the user from accessing the iDRAC remotely through Web GUI, Remote Racadm, Ssh, and Telnet. Local Racadm and serial interface will continue to work.

**Detailed Description**
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response Action**
Disable NIC only if remote access is undesired.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0273

**Message**
iDRAC access will be limited to running the Racadm utility on the local server or using the serial interface.

**Detailed Description**
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

**Recommended Response Action**
Enable remote access to access iDRAC remotely.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**RAC0274**

*Message*
See the iDRAC user documentation for more information on using the RACadm utility or the serial interface.

*Detailed Description*
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

*Recommended Response Action*
See iDRAC user documentation for more information on using racadm.

*Category*
Audit (RAC = RAC Event)

*Severity*
Severity 3 (Informational)

*Redfish Event Type*
Alert

No alerts are applicable for this message

**RAC0275**

*Message*
Click OK to disable the NIC. Click Cancel to keep the setting unchanged.

*Detailed Description*
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

*Recommended Response Action*
Disable NIC only if remote access is undesired.

*Category*
Audit (RAC = RAC Event)

*Severity*
Severity 3 (Informational)

*Redfish Event Type*
Alert

No alerts are applicable for this message

**RAC0276**

*Message*
To save the changes and update this page, click Apply.

*Detailed Description*
If the Enable NIC checkbox is cleared, remote access to iDRAC is disabled.

*Recommended Response Action*
Click Apply to save changes.

*Category*
Audit (RAC = RAC Event)

*Severity*
Severity 3 (Informational)

*Redfish Event Type*
Alert

No alerts are applicable for this message
### RAC0277

**Message**
Disabling IPv4 prevents access to iDRAC using an IPv4 address.

**Detailed Description**
This warning message appears when IPv4 is disabled.

**Recommended Response Action**
Use IPv6 network to access iDRAC remotely.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0278

**Message**
Disabling IPv6 prevents access to iDRAC using an IPv6 address.

**Detailed Description**
This warning message appears when IPv6 is disabled.

**Recommended Response Action**
Use IPv4 network to access iDRAC remotely.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0279

**Message**
Invalid Encryption Key. Expected format: 0 to 40 characters, even number of characters and no blank spaces are allowed.

**Detailed Description**
An invalid IPMI encryption key was entered.

**Recommended Response Action**
Enter a valid encryption key of up to 40 characters. Odd number of characters and blank spaces are not allowed.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**RAC028**

**Message**
Unable to Enable "DNS Domain Name From DHCP" or "DNS From DHCP" because DHCP is Disabled.

**Detailed Description**
The attributes "DNS Domain Name From DHCP" and "DNS From DHCP" are dependent on the attribute DHCP being Enabled. Currently DHCP is configured as Disabled.

**Recommended Response Action**
Set DHCP attribute to Enable to be able to Enable DNS Domain Name From DHCP or DNS From DHCP.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0280**

**Message**
The IP Range Address is invalid. Expected range: 0.0.0.0 - 255.255.255.255.

**Detailed Description**
This error message is displayed to indicate that the IPv4 address does not conform to the required format.

**Recommended Response Action**
Enter a valid IP Range Address. Expected range: 0.0.0.0 - 255.255.255.255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0281**

**Message**
The IP Subnet Mask is invalid. Expected range: 0.0.0.0 - 255.255.255.255.

**Detailed Description**
This error message is displayed to indicate that the IP Subnet Mask does not conform to the required format.

**Recommended Response Action**
Enter a valid IP Subnet Mask. Expected range: 0.0.0.0 - 255.255.255.255.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0282

Message: IP Blocking Fail Count is invalid. Expected range: 2-16.
Detailed Description: This is the number of login failures attempted from an IP address before further login attempts are rejected from that address. The default value is 10.
Recommended Response Action: Enter a valid IP Blocking Fail Count. Expected range: 2-16.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC0283

Message: IP Blocking Fail Window is invalid. Expected range: 10-65535.
Detailed Description: This is the time span (in seconds) within which IP Blocking Fail Count failures must occur to trigger the IP Blocking Penalty Time. The default value is 3600 seconds (1 hour).
Recommended Response Action: Enter a valid IP Blocking Fail Window. Expected range: 10-65535.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

RAC0284

Message: IP Blocking Fail Penalty Time is invalid. Expected range: 10-65535.
Detailed Description: This is the time span (in seconds) within which login attempts from an IP address with excessive failures are rejected. The default value is 3600 seconds (1 hour).
Recommended Response Action: Enter a valid IP Blocking Fail Penalty Time. Expected range: 10-65535.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.
### RAC0285

**Message**
User name cannot be empty.

**Detailed Description**
The user name cannot be empty when creating a user account.

**Recommended Response Action**
Enter a user name.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0286

**Message**
New Password and Confirm New Password fields cannot be empty.

**Detailed Description**
When creating a user account, the New Password and Confirm New Password fields cannot be empty.

**Recommended Response Action**
Enter valid passwords for New Password and Confirm New Password.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0288

**Message**
Invalid entry: Entry must be exclusively alphanumeric characters and valid symbols.

**Detailed Description**
All characters entered must be alphanumeric or valid symbols.

**Recommended Response Action**
Enter all alphanumeric characters and valid symbols.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**RAC0289**

**Message**
Values in New Password and Confirm New Password fields do not match.

**Detailed Description**
When creating a user account, the same value must be entered for New Password and Confirm New Password.

**Recommended Response Action**
Enter the same values for both New Password and Confirm New Password.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC029**

**Message**
Unable to complete the operation because necessary dependency values are not found in the input.

**Detailed Description**
The operation cannot be completed because necessary dependency values are not found in the input.

**Recommended Response Action**
Refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and Profile Documents available at the support site, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC0290**

**Message**
The user name cannot have spaces.

**Detailed Description**
The user name value does not accept spaces.

**Recommended Response Action**
Do not enter spaces in the user name. If desired, use underscores.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0291

Message The user name cannot contain: /, \, @, .. or " (quotation mark).
Detailed Description The user name value does not accept these characters.
Recommended Response Action Do not enter /, \, @, .., or " (quotation mark) for user name.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

RAC0292

Message A valid certificate is not loaded.
Detailed Description This error is displayed when LDAP or Active Directory cannot find its certificate.
Recommended Response Action Load a valid certificate.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

RAC0293

Message When certificate validation is enabled, a valid root Certificate Authority (CA) certificate must be uploaded. The CA certificate is used to verify the directory server SSL certificate.
Detailed Description This error is displayed when LDAP or Active Directory cannot find an associated Certificate Authority (CA) certificate.
Recommended Response Action Upload a valid root Certificate Authority (CA) certificate.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
RAC0294

Message: The Character Accumulate Interval value is invalid. Expected range: 1-255.

Detailed Description: The amount of time iDRAC waits before sending a partial Serial Over LAN (SOL) data packet. This parameter is specified in milliseconds. It is recommended to use 10 milliseconds for optimal performance.

Recommended Response Action: Enter a valid Character Accumulate Interval value. Expected range: 1-255.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0295

Message: The Character Send Threshold value is invalid. Expected range: 1-255.

Detailed Description: This is the number of characters per Serial Over LAN (SOL) data packet. When the number of characters accepted by iDRAC is equal to or greater than the Character Send Threshold value, iDRAC starts transmitting SOL data packets that contain the numbers of characters equal to or less than the Character Send Threshold value. If a packet contains fewer characters than this value, it is defined to be a partial SOL data packet. It is recommended to use 255 characters for optimal performance.

Recommended Response Action: Enter a valid Character Send Threshold value. Expected range: 1-255.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0297

Message: Specify a Domain Controller Address must be configured.

Detailed Description: The Domain Controller Address be specified for Active Directory configuration.

Recommended Response Action: Enter a valid Domain Controller Address.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)
RAC0298

Message: Root Domain Name must be configured.
Detailed Description: A Root Domain Name must be specified for Active Directory configuration.
Recommended Response Action: Root Domain Name must be configured.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC030

Message: This attribute is dependent on a related attribute that has an incorrect value.
Detailed Description: This attribute is dependent on a related attribute that has an incorrect value. The related attribute is the parent in a parent-child value dependency relationship and has an affect on what values the child attribute can have.
Recommended Response Action: Refer to the Lifecycle Controller - Remote Services User Guide or the DCIM iDRAC Card Profile to determine the required values for the related attribute and retry the operation with the appropriate value.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC0301

Message: Remote File Share connection is unavailable. Check the settings and try again.
Detailed Description: User will be unable to connect to Remote File Share.
Recommended Response Action: Make sure proper connectivity exists between the client and the remote file share before using this feature.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
RAC0302

Message: iDRAC Express does not support this feature.
Detailed Description: This error message is displayed when iDRAC does not have a valid Enterprise license.
Recommended Response Action: Upgrade to iDRAC Enterprise for supporting this feature.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC0303

Message: Virtual Console is disabled or you do not have the Access Virtual Console privilege.
Detailed Description: This error message is displayed when Virtual Console feature is unavailable.
Recommended Response Action: Enable Virtual Console and ask the administrator to grant Access Virtual Console privilege.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)

RAC0304

Message: Firmware update is terminated.
Detailed Description: Firmware update is terminated.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
RAC031

Message: Unable to complete the operation because an incorrect username is entered.
Detailed Description: The operation cannot be completed because an incorrect username is entered.
Recommended Response Action: Enter a valid username and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC032

Message: Invalid value specified for DNS RAC name.
Detailed Description: The DNS RAC name specified is not valid.
Recommended Response Action: Retry operation with valid DNS RAC name.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC033

Message: Unable to enable attribute because IPv4 is Disabled.
Detailed Description: The specified attribute cannot be enabled since it depends on IPv4 to be enabled.
Recommended Response Action: Enable IPv4 and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
**RAC034**

**Message**
Unable to create a job because the job queue is full.

**Detailed Description**
The job queue is full.

**Recommended Response Action**
Wait for existing jobs to run to completion or delete some jobs from the job queue.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC035**

**Message**
No pending configurations.

**Detailed Description**
There are no pending values for the any of the iDRAC attributes.

**Recommended Response Action**
Make sure there are pending values for the attributes that are targeted for configuration.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC036**

**Message**
Attribute dependency failed.

**Detailed Description**
The value of the specified attribute is dependent on the value of another attribute. The current value dependency is invalid. The other attribute value must be changed before the specified attribute value can be set.

**Recommended Response Action**
Refer to the Lifecycle Controller-Remote Services documentation for the specified attribute dependency on another attribute value and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message
### RAC037

**Message**
No pending configurations to delete.

**Detailed Description**
There are no pending configurations to delete.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC038

**Message**
Unable to perform the operation due to an unknown error in iDRAC.

**Detailed Description**
The operation did not complete successfully because of an unknown error in the iDRAC.

**Recommended Response Action**
Retry the action. If the issue persists, reset the iDRAC.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC039

**Message**
Invalid parameter value for arg1.

**Arguments**
arg1 = parameter

**Detailed Description**
The value provided for the specified parameter is invalid.

**Recommended Response Action**
Verify the value for the specified parameter. Refer to the Lifecycle Controller-Remote Services documentation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC040

Message  Missing parameters arg1.
Arguments  arg1 = parameters
Detailed Description  One or more required parameters needed for the method invoked in the operation are missing.
Recommended Response Action  Verify that all required parameters are provided. Refer to the Lifecycle Controller-Remote Services documentation.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0400

Message  iDRAC memory low.
Detailed Description  iDRAC is running low on memory.
Recommended Response Action  No response action is required.
Category  Audit (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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RAC0401

Message  idracmonitor: arg1
Arguments  arg1 = error string
Detailed Description
Critical error from iDRAC service recovery program.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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RAC041

Message
The set operation on the event filters failed.

Detailed Description
The event filters set operation did not complete successfully due to invalid input parameters.

Recommended Response Action
Verify the specified input parameters and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC042

Message
Invalid number of input parameters.

Detailed Description
The number of input parameters provided is not valid to perform the operation.

Recommended Response Action
Verify that all required parameters are provided. Refer to the Lifecycle Controller-Remote Services documentation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
RAC043

Message: Unable to update some event filter settings.
Detailed Description: Some event filter settings were not updated due to problems encountered processing the input parameters.
Recommended Response Action: Verify the input parameters provided and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC044

Message: Unable to update some event filter settings.
Detailed Description: Some event filter settings were not updated due to problems encountered processing the input parameters.
Recommended Response Action: Verify the input parameters provided and retry the operation. Refer to the Lifecycle Controller-Remote Services documentation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)

RAC045

Message: Event filter does not exist for input parameter combination.
Detailed Description: The combination of input parameters provided did not match any event filters.
Recommended Response Action: Verify the combination of input parameters and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
RAC046

Message
Unsupported event notification for the event filter specified.

Detailed Description
The event notification selected is not supported for the event filter specified.

Recommended Response Action
Refer to the iDRAC User Guide and Lifecycle Controller documentation and retry the operation with a valid event notification selection on the specified filter.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC047

Message
Unsupported event action for the specified event filter.

Detailed Description
The event action selected is not supported for the event filter specified.

Recommended Response Action
Refer to the iDRAC User Guide and Lifecycle Controller documentation and retry the operation with a valid event action selection on the specified filter.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC048

Message
The operation was successful.

Detailed Description
The operation completed successfully.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
RAC049

**Message**
Resource allocation failure.

**Detailed Description**
The operation did not complete successfully because of lack of memory or file space in the iDRAC.

**Recommended Response Action**
Reset the iDRAC and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC050

**Message**
Invalid country code.

**Detailed Description**
The country code is not entered in the correct format or does not exist. Refer to ISO 3166 for the correct country code format.

**Recommended Response Action**
Enter country code in the correct format as defined in ISO 3166. For example, United States = US.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC0500

**Message**
There are no batteries to be displayed.

**Detailed Description**
Batteries cannot be displayed. This error may occur if the host system is powered off or there is a bad or disconnected cable for batteries connected to the controller.

**Recommended Response Action**
1. Check if the host system is powered off or shutdown. 2. Verify that the batteries are connected properly.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>RAC0501</th>
<th>Message</th>
<th>There are no physical disks to be displayed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Physical disks cannot be displayed. This error may occur if the host system is powered off or the physical disks are removed. This may result in communication loss while retrieving controller data.</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>1. Check if the host system is powered off or shutdown. 2. Check if the physical disks are inserted into the enclosure or attached to the backplane. 3. There are no out-of-band capable controllers detected.</td>
<td></td>
</tr>
<tr>
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No alerts are applicable for this message

<table>
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<tr>
<th>RAC0502</th>
<th>Message</th>
<th>There are no virtual disks to be displayed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Virtual disks cannot be displayed. This error may occur if the host system is powered off or there are no virtual disks created.</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>1. Check if the host system is powered off or shutdown. 2. Check if virtual disks are created.</td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
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</table>

No alerts are applicable for this message

<table>
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<tr>
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<th>Message</th>
<th>There are no out-of-band capable controllers to be displayed.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Out-of-band controllers cannot be displayed. This error may occur if the host system is powered off, or controllers are removed or disconnected.</td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check if the host system is powered off or shutdown.</td>
<td></td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Storage (RAC = RAC Event)</td>
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</table>

No alerts are applicable for this message
RAC0504
Message: There are no enclosures to be displayed.
Detailed Description: Enclosures cannot be displayed. This error may occur if the host system is powered off, there is no enclosure connected to the controller, or there is a bad or disconnected adapter cable for the enclosure.
Recommended Response Action: 1. Check if the host system is ON. 2. Check if the Storage Enclosure is ON. 3. Verify that the adapter cables are properly connected and there are no bent pins.
Category: Storage (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message.

RAC0505
Message: There are no devices to be displayed.
Detailed Description: Devices are not displayed. This error may occur because these components are removed or disconnected.
Recommended Response Action: 1. Check if the host system is ON. 2. Check if the Storage Enclosure is ON. 3. Verify that the adapter cables are properly connected and there are no bent pins.
Category: Storage (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message.

RAC0506
Message: You do not have privileges to perform this operation.
Detailed Description: This error occurs when the user tries to access a program or function that is beyond user granted privileges.
Recommended Response Action: Contact the system administrator to perform the operation or grant the required privileges.
Category: Storage (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message.
RAC0507

Message  Unable to find the requested resource.
Detailed Description  The requested information cannot be displayed, because the system did not find any matching resource. This occurs because the system is turned off, resource is not present, or the resource is removed or deleted. For example, resources such as physical disks, vFlash SD card, SSL certificate or custom signing certificate.
Recommended Response Action  Do one of the following and retry the operation: 1) Turn on the system. 2) Make the resource available.
Category  Storage (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0508

Message  An unexpected error occurred.
Detailed Description  The server encountered an unexpected condition. This may be due to invalid JavaScript Object Notation.
Recommended Response Action  Wait for few minutes and refresh the page. If the problem persists, contact service provider.
Category  Storage (RAC = RAC Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0509

Message  The server is temporarily unavailable. Try again after sometime
Detailed Description  The server is currently unable to handle the request due to temporary overloading or server maintenance.
Recommended Response Action  Wait for few minutes and refresh the page. If the issue persists, contact service provider.
Category  Storage (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
RAC051

Message  Unsupported parameter name arg1.
Arguments  \texttt{arg1} = parameter name
Detailed Description  The parameter name is not supported.
Recommended Response Action  Remove the unsupported parameter and retry the operation.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0510

Message  There are no events to be displayed.
Detailed Description  This error occurs if Lifecycle log events have not occurred recently.
Recommended Response Action  No response action is required.
Category  Storage (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0511

Message  There are no physical disks to be displayed.
Detailed Description  Physical disks cannot be displayed. This error may occur if the host system is powered off, physical disks are removed, or incorrect filters are applied.
Recommended Response Action  1. Check if the host system is powered off or shutdown. 2. Check if the physical disks are inserted into the enclosure or attached to the backplane. 3. Check if correct filters are applied. 4. Check that the Storage Enclosure is on. 5. verify that the adapter cables are properly connected and there are no bent pins.
Category  Storage (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

1376
No alerts are applicable for this message

RAC0512

Message
There are no virtual disks to be displayed.

Detailed Description
Virtual disks cannot be displayed. This error may occur if the host system is powered off, no virtual disks were created, or incorrect filters are applied.

Recommended Response Action
1. Check if the host system is ON. 2. Check if virtual disks are created. 3. Check if correct filters are applied. 4. Check if the Storage Enclosure is ON. 5. Verify that the adapter cables are properly connected and there are no bent pins.

Category
Storage (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0513

Message
There are no virtual disks to be displayed.

Detailed Description
There are no virtual disks to be displayed. There may be no virtual disks created, the controller(s) may not be in RAID mode, or there may be pending creation or deletion jobs that have not completed.

Recommended Response Action
Check the following: 1) Check if the server is turned off. If the server is turned off, turn it on and wait until POST completes. 2) If no virtual disks are created, to start the virtual disk creation process, click #{create_virtualdisk_link}. 3) If create virtual disk operation(s) are in a pending state, complete the creation process. To complete the virtual disk(s) creation, go to the Pending Operations page and create a configuration job on the appropriate controller. 4) If delete virtual disk operation(s) are in pending state, then cancel the operation. To cancel delete virtual disk pending operation(s), go to the Pending Operations page and delete all pending operation(s) on the appropriate controller. 5) If the Controller(s) are in HBA mode, switch the controller(s) to RAID mode. To switch controller(s) to RAID mode using the F2 System Setup utility, go to Device Settings > RAID Controller > Controller Management > Advanced Controller Management > Switch to RAID mode.

Category
Storage (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**RAC0514**

**Message**
Unable to create virtual disk(s) on the selected controller.

**Detailed Description**
Virtual disk(s) cannot be created because of one or more reasons identified in the Recommended Response Action.

**Recommended Response Action**
Check the following: 1) If no physical disk drives are available for virtual disk (VD) creation, install additional physical disk drives. 2) If the maximum number of VDs that can be created on the controller has been reached, a new VD cannot be created until an existing VD is deleted. 3) If the maximum number of VDs supported by drive group has been created, a new VD cannot be created until an existing VD is deleted from the selected drive group. 4) If the physical disk drive(s) are in non-RAID mode, convert them to RAID mode by pressing Ctrl+R while restarting the server, and then select the required controller. Press F2 and select the Convert to RAID capable option, and then complete the operation. 5) If a job is currently running or scheduled on the selected controller, the job must be completed or deleted before attempting a new operation. Status of the scheduled job can be viewed and managed on the Job Queue page on iDRAC. Click Job Queue link to view the status of the scheduled jobs.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0516**

**Message**
Converting physical disk drives to RAID-compatible will overwrite any OS-created RAID arrays.

**Detailed Description**
Converting physical disk drives to RAID-compatible will overwrite any OS-created RAID arrays.

**Recommended Response Action**
Make sure that there are no OS-configured RAID arrays, and then click OK.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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RAC052

**Message**
Unable to create a configuration job because an existing configuration job is already in progress.

**Detailed Description**
Unable to create a configuration job because an existing configuration job is already in progress. Only one configuration job for a component can run or can be processed at any time.

**Recommended Response Action**
Retry the operation after the existing configuration job is complete, or cancel the existing configuration job and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC053

**Message**
OS to iDRAC pass-through is disabled.

**Detailed Description**
One or more attributes being set are dependent on OS to iDRAC pass-through being enabled.

**Recommended Response Action**
Enable OS to iDRAC pass-through and retry the previous command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

RAC054

**Message**
User account attributes cannot be reset to default values due to an internal error.

**Detailed Description**
The user account attributes cannot be reset to default values due to an internal error.

**Recommended Response Action**
Make sure the configuration XML file contains valid values for user account attributes and retry the operation.

**Category**
Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC055

Message: User name cannot be cleared because the user account is enabled in the input configuration XML file.
Detailed Description: The user name for the user account cannot be cleared because the user account is enabled in the configuration XML file.
Recommended Response Action: Retry the operation after disabling the user account in the configuration XML file.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC056

Message: Unable to set the Authentication Protocol attribute to None because the Privacy Protocol attribute is enabled for user ID: arg1
Arguments: arg1 = user ID
Detailed Description: The Authentication Protocol attribute for the user account identified in the message cannot be disabled because the Privacy Protocol attribute is enabled. The Privacy Protocol for the user account is not set to None.
Recommended Response Action: Disable the Privacy Protocol attribute for the identified user ID account by setting the value to None, and retry the operation to set Authentication Protocol attribute to None.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0560

Message: RAC Software Initialization Error
Detailed Description: RAC Software Initialization error. Monitoring data will not be available for PERC and Network Cards
### RAC0561

**Message**

iDRAC to CMC communication link is not functioning for agent free monitoring of chassis PCIe slots.

**Detailed Description**

iDRAC lost connection with CMC proxy component that enables agent free monitoring of PCIe slots. Agent free monitoring will not be supported for Chassis PCIe slots while this connection is not functioning.

**Recommended Response Action**

Do the following: 1) Check the Lifecycle Log for the subsequent RAC0562 communications restored message that will indicate the link was re-established automatically. 2) If there is no subsequent RAC0562 message in the Lifecycle Log, restart the iDRAC. The iDRAC can be restarted by using the RACADM command line utility and entering ’racadm racreset’. 3) After the iDRAC has restarted, if the communications link is still not functioning, restart the CMC and check the Lifecycle Log for this link error after the CMC has restarted. 4) If the issue persists, contact your service provider.
RAC0562

Message   iDRAC-CMC communication restored for agent free monitoring of chassis PCIe slots.

Detailed Description   iDRAC automatically restored connection with CMC proxy component. Agent free Monitoring will now be supported for Chassis PCIe slots.

Recommended Response Action   No response action is required.

Category   System Health (RAC = RAC Event)

Severity   Severity 3 (Informational)

Redfish Event Type   Alert

RAC057

Message   Unable to set Privacy Protocol to an enabled state because the Authentication Protocol attribute is set to None for the user ID: arg1

Arguments   arg1 = user ID

Detailed Description   The Privacy Protocol for the user cannot be enabled because the Authentication protocol is disabled.

Recommended Response Action   Enable the Authentication Protocol attribute for the identified user ID account, and retry the operation to set the Privacy Protocol to an enabled state.

Category   Configuration (RAC = RAC Event)

Severity   Severity 3 (Informational)

Redfish Event Type   Alert
**RAC058**

Message: AttributeValue is not unique for AttributeName arg1.

Arguments: 
arg1 = attribute name

Detailed Description: The value provided for the specified attribute is not unique. For example, the user name for a user account must be unique.

Recommended Response Action: Provide a unique value for the specified attribute. For more information about the component being managed, see the DCIM Profile documentation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**RAC059**

Message: Unable to configure iDRAC time because Network Time Protocol (NTP) is enabled.

Detailed Description: When the Network Time Protocol (NTP) feature is enabled, the iDRAC will get time from the configured NTP server. Directly configuration of the iDRAC time is disabled when NTP is enabled.

Recommended Response Action: Disable Network Time Protocol (NTP) and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**RAC060**

Message: Unable to set the attribute because OpenManage Server Administrator (OMSA) is installed on the server arg1

Arguments: 
arg1 = attribute name

Detailed Description: The attribute identified in the message could not be set, because certain features cannot be enabled when OMSA is installed on the server.

Recommended Response Action: Uninstall OMSA, and then retry the operation.

Category: Configuration (RAC = RAC Event)
RAC0600

Message: Unable to retrieve the temperature information.
Detailed Description: Temperature information cannot be displayed. This error may occur if the server is powered off.
Recommended Response Action: Power on the server. If the server is already powered on, wait for a few minutes and refresh the page. If the problem persists, contact service provider.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0601

Message: Unable to retrieve alert recurrence information.
Detailed Description: The server encountered an unexpected condition. This may be due to invalid JavaScript Object Notation.
Recommended Response Action: Wait for few minutes and refresh the page. If the problem persists, contact service provider.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0602

Message: Invalid value for alert recurrence.
Detailed Description: The value for alert recurrence must be within the range 0-365.
Recommended Response Action: Enter a value between 0-365.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
RAC0603

Message: Updating Job Queue. Status of the update jobs can be viewed and managed within the Job Queue page.

Detailed Description: The Job Queue is updated with the selected update jobs. The status of the update jobs can be viewed and managed within the Job Queue page.

Recommended Response Action: Click Job Queue button to view the status of the update jobs.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

RAC0604

Message: System inventory may not be up-to-date because Collect System Inventory On Restart (CSIOR) is disabled.

Detailed Description: The system inventory may not be up-to-date because the Collect System Inventory On Restart (CSIOR) feature is disabled. The CSIOR feature retrieves detailed system inventory information during system startup and stores this information on iDRAC.

Recommended Response Action: Enable CSIOR, restart the system and retry the operation. To enable CSIOR, press F2 (System Setup) during system startup, navigate to iDRAC Settings > Lifecycle Controller, and select the Enabled option for Collect System Inventory on Restart.

Category: Configuration (RAC = RAC Event)

Severity: Severity 1 (Critical)

RAC0605

Message: There are no jobs to be displayed.

Detailed Description: There are no jobs to be displayed.

Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0606

Message: The network connection test operation was successful.

Detailed Description: The selected network connection test operation was successful.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0607

Message: Unable to perform OS to iDRAC Pass-Through with the current system configuration.

Detailed Description: The integrated NICs in the system do not support OS to iDRAC Pass-Through.

Recommended Response Action: Make sure the integrated NICs are enabled from BIOS setup and support OS to iDRAC Pass-Through, then retry the operation. To access BIOS setup, press F2 during system startup. For more information about OS to iDRAC Pass-Through, see iDRAC7 Users Guide.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0608

Message: The iDRAC will restart when the iDRAC firmware update is complete. All current user sessions will be closed.

Detailed Description: The message appears in Job Queue page when the iDRAC firmware update job status is downloading. Communication to the iDRAC will be lost when the iDRAC restarts to complete the firmware update.
Recommended Response Action: Reconnect iDRAC communications session after iDRAC is restarted. The iDRAC will be ready for login once the restart is complete.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0609

Message: The job arg1 has been successfully added to the job queue.

Arguments: arg1 = import or export job ID

Detailed Description: The import or export system configuration operation with the job ID indicated in the message was successfully added to the Job Queue.

Recommended Response Action: No response action is required. The status of jobs can be viewed on the Job Queue page.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC061

Message: Unable to set the IPMI Watchdog because the OS Watchdog is already enabled.

Detailed Description: The IPMI Watchdog can not be enabled at the same time as the OS Watchdog.

Recommended Response Action: Disable the OS Watchdog before enabling IPMI Watchdog.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0610

Message: The passphrase and confirm passphrase values entered do not match.

Detailed Description: Different values were entered for passphrase and confirm passphrase field.

No alerts are applicable for this message
Recommended Response Action
Values entered in passphrase and confirm passphrase fields must be the same.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0611
Message
IP Address cannot be blank.

Detailed Description
The IP address cannot be blank for import or export of system configuration profile operation.

Recommended Response Action
Enter a valid IP Address for network location.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0612
Message
Cancelling the firmware update operation will delete all the uploaded firmware files. Do you want to continue?

Detailed Description
Cancelling the firmware update operation will cancel all firmware updates selected and delete all uploaded firmware files.

Recommended Response Action
Select Yes to cancel the firmware update operation and delete all uploaded firmware files. Select No to dismiss the message and continue the firmware update operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0613
Message
The uploaded file is invalid.

Detailed Description
An internal error occurred because of an invalid file.
**Recommended Response Action**
Make sure to upload the required file in the correct format and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0614**

**Message**
Incorrect password for PKCS#12 file.

**Detailed Description**
The specified password was incorrect for the PKCS#12 file.

**Recommended Response Action**
Make sure to use the correct password for the PKCS#12 file. If the PKCS#12 file is encrypted with a password, add it in required password box. Leave the password box empty if the file was not encrypted with a password.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0615**

**Message**
Invalid PKCS#12 file.

**Detailed Description**
The contents of the PKCS12 file was not valid because one of the following: 1) Not a valid PKCS#12 file, 2) Not a valid pfx file or 3) Did not contain a valid key.

**Recommended Response Action**
Make sure to upload the file in PKCS#12 format. OpenSSL can be used to validate a PKCS#12 file.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0616**

**Message**
Error while extracting custom signing certificate and private key from the PKCS#12 file.
### RAC0617

**Message**
An error was encountered while generating new SSL Certificate.

**Recommended Response Action**
Make sure to upload an PKCS#12 file that contains a valid custom signing certificate and private key, then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0618

**Message**
Incorrect data entered.

**Detailed Description**
The data entered caused an error while processing the request.

**Recommended Response Action**
Make sure to enter the correct data and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### RAC0619

**Message**
The iDRAC firmware rollback will cause an iDRAC restart and all current user sessions will be closed.
Detailed Description: The message appears in Firmware Rollback page when the iDRAC firmware rollback action completed successfully.

Recommended Response Action: Reconnect iDRAC communications sessions after iDRAC is restarted. The iDRAC will be ready for login once the restart is complete.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

---

### RAC062

**Message**: Unable to set the WatchdogResetTime because the IPMI Watchdog state is disabled.

**Detailed Description**: The WatchdogResetTime can not be set if the IPMI Watchdog state is disabled.

**Recommended Response Action**: Enable the IPMI Watchdog state and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

No alerts are applicable for this message

---

### RAC0620

**Message**: Lifecycle Controller is unable to delete the selected jobs.

**Detailed Description**: Lifecycle Controller is currently busy performing tasks. The selected jobs cannot be deleted until the following: 1) The Lifecycle Controller tasks are completed. 2) The system completes all the Power-on-Self-test (POST) operations.

**Recommended Response Action**: Wait until Lifecycle Controller completes the current tasks and the system completes Power-on Self-test (POST).

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

No alerts are applicable for this message
RAC0621

**Message**
Successfully completed the iDRAC firmware update. All current user sessions will be closed.

**Detailed Description**
The message appears in Job Queue page when the iDRAC firmware update job status is completed. Communication to the iDRAC will be lost.

**Recommended Response Action**
The iDRAC will be ready for login once the restart is complete.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

RAC0622

**Message**
An invalid certificate file is uploaded.

**Detailed Description**
The certificate file is invalid for one of the following reasons: 1) CA Certificate is corrupted, expired, or does not have signing privileges. 2) CA private key does not match with CA Certificate being uploaded.

**Recommended Response Action**
Make sure the CA certificate and private key are correct and retry the operation. The certificate can be validated using the OpenSSL tools.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

RAC0623

**Message**
The firmware versions on all the components of this server are up-to-date.

**Detailed Description**
A firmware update is not required for the components on the server, because current firmware versions are the latest available in the repository.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0624
Message: Unable to find the requested job type or ID.
Detailed Description: The requested operation could not be completed, because an incorrect job type or job ID is entered.
Recommended Response Action: Enter the correct job type or ID, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0625
Message: Unable to schedule, because the requested job schedule type is not enabled.
Detailed Description: The requested job cannot be scheduled, because job schedule types such as Automatic Backup or Automatic Update is not enabled.
Recommended Response Action: Enable the correct job schedule type, and then retry the operation. For example, to enable the Automatic Backup feature, select the Enable Automatic Backup option.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0626
Message: Unable to schedule, because an invalid schedule parameter is entered.
Detailed Description: The job cannot be scheduled, because all or some of the schedule parameters entered are incorrect.
Recommended Response Action: Enter correct input schedule parameters and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0627

Message  Unable to schedule, because the requested recurrent Automatic Backup job is already scheduled.

Detailed Description  The job cannot be scheduled, because the requested recurrent Automatic Backup job is already scheduled.

Recommended Response Action  Delete the current scheduled job, and then retry to create a new Automatic Backup job with a new schedule.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0628

Message  Unable to schedule, because the requested recurrent Automatic Update job is already scheduled.

Detailed Description  The job cannot be scheduled, because the requested recurrent Automatic Update job is already scheduled.

Recommended Response Action  Delete the current scheduled job, and then retry to create a new Automatic Update job with a new schedule.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message

RAC0629

Message  Unable to schedule, because an invalid job type is entered.

Detailed Description  The job cannot be scheduled, because the requested job type is not supported.

Recommended Response Action  Enter a correct job type, and then retry the operation.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message
RAC063

Message  The string length of the provided value for arg1 is inappropriate.
Arguments  arg1 = attribute name
Detailed Description  The string length of the entered value for the attribute identified in the message may be less than the minimum length or greater than the maximum length allowed.
Recommended Response Action  Make sure that the string length is correct and retry the operation.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0630

Message  Unable to schedule, because an invalid network file share type is entered.
Detailed Description  The job cannot be scheduled, because the requested network file share type is not supported.
Recommended Response Action  Enter a correct network file share type, and then retry the operation.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC0631

Message  Unable to access the network file share, because an invalid network file share name is entered.
Detailed Description  The requested network file share cannot be accessed, because an invalid network file share name is entered.
Recommended Response Action  Enter a valid network file share name, and then retry the operation.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
RAC0632

Message
Unable to access the network file share, because an invalid network file share
hostname or IP address is entered.

Detailed Description
The requested network file share cannot be accessed, because an invalid hostname
or IP address is entered.

Recommended Response Action
Enter a valid network file share hostname or IP address, and then retry the
operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC0633

Message
Unable to access the network file share, because an invalid network share
password is entered.

Detailed Description
The requested network file share cannot be accessed, because an invalid password
is entered.

Recommended Response Action
Enter a valid network file share password, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC0634

Message
Unable to access the network file share, because an invalid network file share
username is entered.

Detailed Description
The requested network file share cannot be accessed, because an invalid username
is entered.

Recommended Response Action
Enter a valid network file share username, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
RAC0635

Message
Unable to access the network file share, because an invalid domain name is entered.

Detailed Description
The requested network file share cannot be accessed, because an invalid domain name is entered.

Recommended Response Action
Enter a valid domain name, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0636

Message
Unable to access the network file share, because an invalid proxy password is entered.

Detailed Description
The requested network file share cannot be accessed, because an invalid proxy password is entered.

Recommended Response Action
Enter a valid proxy password, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0637

Message
Unable to access the network file share, because an invalid proxy user name is entered.

Detailed Description
The requested network file share cannot be accessed, because an invalid proxy user name is entered.

Recommended Response Action
Enter a valid proxy user name, and then retry the operation.

Category
Configuration (RAC = RAC Event)
**RAC0638**

**Message**
Unable to access the network file share, because an invalid proxy host name or IP address is entered.

**Detailed Description**
The requested network file share cannot be accessed, because an invalid proxy host name or IP address is entered.

**Recommended Response Action**
Enter a valid proxy host name or IP address, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

---

**RAC0639**

**Message**
Unable to schedule, because an invalid minute value is entered.

**Detailed Description**
The job could not be successfully scheduled, because an invalid value is entered for minute while scheduling a job.

**Recommended Response Action**
Enter a correct value from 0 to 59, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

---

**RAC064**

**Message**
iDRAC was successfully reset.

**Detailed Description**
iDRAC was successfully reset.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
**RAC0640**

**Message**
Unable to schedule, because an invalid hour value is entered.

**Detailed Description**
The job could not be successfully scheduled, because an invalid value is entered for hour while scheduling a job.

**Recommended Response Action**
Enter a correct value from 0 to 23, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0641**

**Message**
Unable to schedule, because an invalid time value is entered.

**Detailed Description**
The job could not be successfully scheduled, because an invalid value is entered for time while scheduling a job.

**Recommended Response Action**
Enter a correct value in the HH:MM format, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0642**

**Message**
Unable to schedule, because an invalid value is entered for the day of a month.

**Detailed Description**
The job could not be successfully scheduled, because an invalid value is entered for day of a month while scheduling a job.

**Recommended Response Action**
Enter a correct numerical value in the following format: Day [1 to 31] of every [1 to 12] month(s). For example, Day 4 of every 11 months. Retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0643

Message: Unable to schedule, because an invalid month value is entered.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for month while scheduling a job.
Recommended Response Action: Enter a correct numerical value in the following format: Day [1 to 31] of every [1 to 12] month(s). For example, Day 4 of every 11 months. Retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0644

Message: Unable to schedule, because an invalid year value is entered.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for year, while scheduling a job.
Recommended Response Action: Enter a correct value, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0645

Message: Unable to schedule, because an invalid value is entered for the recurrence frequency.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for recurrence frequency while scheduling a job.
Recommended Response Action: Enter a correct value, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0646
Message: Unable to schedule, because an invalid value is entered for the day of the week.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for day of the week while scheduling a job.
Recommended Response Action: Enter a correct value, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC0647
Message: Unable to schedule, because an invalid value is entered for the week of the month.
Detailed Description: The job could not be successfully scheduled, because an invalid value is entered for week of the month while scheduling a job.
Recommended Response Action: Enter a correct value from 1 to 4, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC0648
Message: Unable to process the request.
Detailed Description: The request cannot be processed, because the length of string entered for one of the input parameter is more than the specified length.
Recommended Response Action: Enter a string not more than 4095 characters in length, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message
RAC0649

Message: Unable to process the request.
Detailed Description: Unable to process the request, because data is not entered or not selected in one or more mandatory fields.
Recommended Response Action: Make sure to enter or select data in all the mandatory fields, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC065

Message: iDRAC reset operation was not successful.
Detailed Description: The iDRAC reset operation was not successful. This may be due to IPMI communications issues.
Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, remove AC input power from the server and re-apply AC power to the server and retry the operation. 3) If the issue continues to persist, contact your service provider.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0654

Message: No operations can be performed on the iDRAC Service Module.
Detailed Description: Unable to perform operations on the iDRAC Service Module (iSM) because the iSM is not installed on the server operating system. All fields in the iDRAC GUI iSM page are disabled.
Recommended Response Action: Make sure that the iDRAC Service Module is installed on the server operating system, and then retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC0655

Message
The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system.

Detailed Description
The Replicate Lifecycle Controller Log in OS Log and Auto System Recovery Action features are disabled in the iDRAC Service Module because the OpenManage Server Administrator is installed on the server operating system.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0656

Message
Are you sure you want to disable the iDRAC Service Module on the server operating system?

Detailed Description
The iDRAC Service Module (iSM) service cannot be started by just enabling in iDRAC web interface because the service has to also be manually restarted on the server operating system.

Recommended Response Action
To re-enable the iDRAC Service Module (iSM), do the following: 1) Enable the iSM in the iDRAC web interface, 2) Start the iSM service on the server operating system.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0657

Message
The file name field must not be blank.

Detailed Description
The file name cannot be blank when performing the Backup Server Profile operation.

Recommended Response Action
Enter an appropriate file name, and then retry the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 2 (Warning)
RAC0658

**Message**
The iDRAC Service Module service can now be manually started on the server operating system.

**Detailed Description**
The iDRAC Service Module service can now be started on the server operating system. This service needs to be started manually on the server operating system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

RAC0659

**Message**
Unable to perform the storage configuration operation(s) on arg1 because a job is currently pending or is running on the adapter.

**Arguments**
arg1 = adapter name

**Detailed Description**
The storage configuration operation(s) cannot be performed on the adapter identified in the message because a job is currently pending or is running on the adapter.

**Recommended Response Action**
Wait for the job to completely run, or delete the job, and then retry the operation. To view the status of the scheduled jobs, go to the Job Queue page of iDRAC.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

RAC066

**Message**
iDRAC is successfully reset to factory-default properties.

**Detailed Description**
iDRAC was successfully reset to factory-default properties.

**Recommended Response Action**
No response action is required.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (RAC = RAC Event)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**RAC0660**

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to access the specified file server location.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The file server cannot be accessed because of incorrect credentials.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the file server credentials and retry the operation.</td>
</tr>
</tbody>
</table>

**RAC0661**

<table>
<thead>
<tr>
<th>Message</th>
<th>Storage configuration operation - #(operation) is pending on the selected #(devicetype) : #(devicename).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Various storage configuration operations can be performed on different devices such as physical disks, virtual disks, controllers, or enclosures. The operations are applied to the device by creating a configuration job on the associated controller.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>To complete the storage configuration operation, create a storage configuration job with the necessary scheduling.</td>
</tr>
</tbody>
</table>

**RAC0662**

| Message                     | The Clear Foreign Configuration operation will delete the foreign virtual disk information from the controllers associated physical disk drives. Clearing will remove metadata associated with the virtual disks, making the physical disk drives available for creating new virtual disks. To remove foreign data, perform an initialization operation. |

No alerts are applicable for this message
### Detailed Description
Clear foreign configuration will delete the foreign virtual disk information from the controllers associated physical disk drives. Clearing will remove metadata associated with the virtual disks, making the physical disk drives available for creating new virtual disks. To remove foreign data, perform an initialization operation.

**Recommended Response Action**  
Press OK to continue.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

### RAC0663

**Message**  
Resetting the selected PERC controllers configuration will delete all the virtual disks (VDs) and unassign hot-sares from the associated controller.

**Detailed Description**  
Resetting the selected PERC controllers configuration will delete all the virtual disks (VDs) and unassign hot-spares from the associated controller.

**Recommended Response Action**  
Press OK to continue.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

### RAC0664

**Message**  
Exporting the RAID Controller Log will take less than \( \text{arg1} \) minutes. Job ID: #{jobID} is created for the RAID Controller Log Export operation.

**Arguments**  
\( \text{arg1} = \) number of minutes

**Detailed Description**  
Exporting the RAID Controller Log will take less than the number of minutes identified in the message. The job identified in the message is created for the RAID Controller Log Export operation.

**Recommended Response Action**  
To check the progress of the job click the Job Queue button.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
RAC0665

Message: RAID Controller Log data is being collected. This operation will take less than \( \text{arg1} \) minutes.

Arguments: \( \text{arg1} = \) number of minutes

Detailed Description: RAID Controller Log data is being collected. This operation will take less than the number of minutes identified in the message.

Recommended Response Action: Do not log off from the application until the log data collection process is completed.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0666

Message: A RAID Controller Log is created.

Detailed Description: A RAID Controller Log is created.

Recommended Response Action: To export the Log report, click OK. To delete the report, click Cancel.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0667

Message: This setting will be applied after the server has been turned off and turned on again. This may result in loss of configuration and/or access to physical disk drive(s).

Detailed Description: This setting will be applied after the server has been turned off and turned on again. This may result in loss of configuration and/or access physical disk drive(s) or virtual disk(s) being marked offline. This may also result in some disk(s) being identified as foreign disks. Foreign physical disk drive(s) or virtual disk(s) can be imported or cleared.

Recommended Response Action: Press OK to continue.

Category: Configuration (RAC = RAC Event)
RAC0668

Message
This setting will be applied during the next server restart. If the setting is not compatible with the RAID Controller, then LED status indicators on all the associated hard disk drives (HDDs) stop functioning.

Detailed Description
This setting will be applied during the next server restart. If the setting is not compatible with the RAID Controller, then LED status indicators on all the associated hard disk drives (HDDs) stop functioning.

Recommended Response Action
Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0669

Message
Initializing the virtual disk will permanently delete data from the virtual disk.

Detailed Description
Initializing the virtual disk will permanently delete data from the virtual disk.

Recommended Response Action
Press OK to continue.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC067

Message
iDRAC reset to factory defaults operation was not successful.

Detailed Description
iDRAC reset to factory defaults operation was not successful. This may be due to IPMI communications issues.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, remove AC input power from the server and re-apply AC power to the server and retry the operation. 3) If the issue continues to persist, contact your service provider.
RAC0670

Message
Deleting the virtual disk will remove the virtual disk from the controllers configuration.

Detailed Description
Deleting the virtual disk will remove the virtual disk from the controllers configuration. If the specified virtual disk is a boot device, the server will not boot unless another boot device is selected in BIOS.

Recommended Response Action
If the specified virtual disk is a boot device, the server will not boot. Press OK to continue.

RAC0671

Message
Going out of this page will not save the operations or configuration settings that were selected.

Detailed Description
Going out of this page will not save the operations or configuration settings that were selected.

Recommended Response Action
Press OK to continue. Press Cancel to continue working on the page.

RAC0673

Message
OS Collector must be run on the server OS in order to export OS and Application Data. A virtual USB device labeled DRACRW has appeared in the server OS. This device contains the OS Collector utility, go to the Server OS and run the version of the utility appropriate to the OS type. After the OS Collector utility execution has
To export operating system (OS) and application data, the OS Collector utility must be run on the server OS. A virtual USB device labeled DRACRW has appeared in the server OS. After the OS Collector utility execution has completed, return to this page to complete exporting the Technical Support Report (TSR).

**Recommended Response Action**
Invoke the OS Collector utility in the OS and wait for execution completion. Then return to this page to complete exporting the Technical Support Report (TSR).

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC0674**

**Message**
Export Report will create a zip file of XML and text-based logs intended for Dell Technical Support assistance with troubleshooting system issues. Choose Advanced Export Options to specify optional report settings and actions.

**Detailed Description**
Export Report will create a zip file of XML and text-based logs intended for Dell Technical Support assistance with troubleshooting system issues. Choose Advanced Export Options to specify optional report settings and actions.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC0675**

**Message**
Results are not available for the search criterion entered.

**Detailed Description**
Results are not available for the search criterion entered.

**Recommended Response Action**
Enter another criterion and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**RAC0676**

**Message**
Unable to assign physical disk drives as global hotspare(s).

**Detailed Description**
Unable to assign physical disk drives as global hotspare(s). This may be because there are no disk drives available in a ready state or there are no virtual disks present.

**Recommended Response Action**
Do one of the following and retry the operation: 1) If there are no disk drives available in ready state, insert additional disk drives and make sure the drives are in ready state. 2) If no virtual disks are present, click `<create virtualdisk link>` and create at least one virtual disk. 3) If the physical disk drive(s) are in non-RAID mode, convert them to RAID mode by pressing Ctrl+R while restarting the server, and then select the required controller. Press F2 and select the Convert to RAID capable option, and then complete the operation.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0677**

**Message**
No physical disk drives in ready state, no virtual disks are created, and no PCIe SSD drives are available to perform operations on.

**Detailed Description**
No physical disk drives in ready state, virtual disks, or PCIe SSD drives are available to perform operations on.

**Recommended Response Action**
Do one of the following: 1. If there are no disk drives available in ready state, insert additional disk drives and make sure the drives are in ready state. 2. If no virtual disks are present, click `<create virtualdisk link>` and create at least one virtual disk. 3. If PCIe SSD drives are inserted into the enclosure or attached to the backplane.

**Category**
Storage (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC0678

Message: Unable to perform Prepare to Remove or Secure Erase operations on PCIe SSD disk drives.

Detailed Description: Unable to perform Prepare to Remove or Secure Erase operations on the PCIe SSD disk drives.

Recommended Response Action: Make sure PCIe SSD disk drives are inserted into the enclosure or attached to the backplane and retry the operation. If the issue persists, contact your service provider.

Category: Storage (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC0679

Message: A job operation is already running. Retry the operation after the existing job is completed.

Detailed Description: Unable to process the request because a job operation is already running.

Recommended Response Action: Wait until the running job is completed or delete the scheduled job and retry the operation.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RAC068

Message: SHA256Password and Plain Password cannot be imported together.

Detailed Description: Both SHA256Password and Plain Password cannot be attempted to set together on Configuration import per user.

Recommended Response Action: One of either SHA256Password or Plain password can be attempted to be imported for an user.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

No alerts are applicable for this message
RAC0680

Message
Server iDRAC user credentials and/or BIOS passwords are not currently set to default credentials. The USB Configuration XML feature is not available unless default credentials are set.

Detailed Description
The USB Configuration XML feature is not available if the iDRAC user credentials and BIOS passwords are not set to default values.

Recommended Response Action
Reset the iDRAC user credentials and BIOS passwords to default and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0681

Message
Shared component updates through the Server OS or Lifecycle controller cannot be applied because the CMC setting for Chassis Management at Server Mode is not set to Manage and Monitor.

Detailed Description
Shared component updates through the Server OS or Lifecycle controller cannot be applied because the CMC setting for Chassis Management at Server Mode is not set to Manage and Monitor.

Recommended Response Action
To enable this feature do the following: 1) Launch CMC Web UI. 2) Navigate to Chassis Overview -> Setup -> General, and select Manage and Monitor option for the Chassis Management at Server Mode. 3) Click Apply to save changes in CMC. 4) Retry the operation in iDRAC. For more information, refer to the CMC User Guide.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**RAC0682**

**Message**
Enabling iDRAC Direct USB Configuration XML allows any USB key containing a correctly formatted configuration XML file to reconfigure the server when plugged into the USB management port identified by the wrench icon. This may include operations on RAID configurations, user accounts, and alert settings.

**Detailed Description**
Enabling iDRAC Direct USB Configuration XML allows any USB key containing a correctly formatted configuration XML file to reconfigure the server when plugged into the USB management port identified by the wrench icon. This may include operations on RAID configurations, user accounts, and alert settings.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0683**

**Message**
Unable to perform split mode configuration on enclosure(s).

**Detailed Description**
Unable to perform split mode configuration on enclosure(s).

**Recommended Response Action**
Check the following: 1) The controller must have Real Time Configuration Capability and the associated enclosure(s) must have Split Mode Capability in order to perform the operation. 2) The controller(s) associated with the enclosure(s) support real time configuration. To verify the controller real time configuration support, go to the Controller Properties page, select the required controller and verify the Real Time Configuration Capability value. 3) The enclosure(s) supports split mode configuration. To verify the enclosure, go to the Enclosure Properties page, select the required enclosure, and verify the Enclosure Split Mode Capability property value.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
RAC0684

Message: Unable to perform split mode configuration on the selected enclosures, because Lifecycle Controller is not enabled.

Detailed Description: Unable to perform split mode configuration on the selected enclosures, because Lifecycle Controller is not enabled.

Recommended Response Action: To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0685

Message: A pending operation has been created for this arg1 operation.

Arguments: arg1 = task name

Detailed Description: A pending operation has been created for this operation identified in the message.

Recommended Response Action: To view the pending operations click the Pending Operations button.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0686

Message: Some of the applied pending operations were not created.

Detailed Description: Some of the applied pending operations were not created.

Recommended Response Action: View successful pending operations by clicking the Pending Operations button.

Category: Configuration (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

**RAC0687**

**Message**
Some of the applied pending operations were not created.

**Detailed Description**
Some of the applied pending operations were not created.

**Recommended Response Action**
Choose to create a job for the successful operations. View successful pending operations using the Pending Operations button or click Cancel to quit job creation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0688**

**Message**
Applying this configuration operation will also apply all existing pending operations on the arg1. #{View Pending Operations link}

**Arguments**
arg1 = controller_name

**Detailed Description**
Applying this configuration operation will also apply all existing pending operations on the controller identified in the message.

**Recommended Response Action**
Click Create Job button to create the configuration job. Click Cancel to quit job creation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC0689**

**Message**
Unable to create a virtual disk on the selected disk drives, because Lifecycle Controller is not enabled.

**Detailed Description**
Unable to create a virtual disk on the selected disk drives, because Lifecycle Controller is not enabled.

**Recommended Response Action**
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**Category**
Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

RAC069

Message Unable to complete the operation because the string length is less than the minimum supported length.
Detailed Description Unable to complete the operation because the string length is less than the minimum supported length.
Recommended Response Action Enter a string value that is greater than the minimum supported length and retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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<thead>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
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RAC0690

Message The iDRAC Service Module is not installed on the operating system of the server.
Detailed Description The iDRAC Service Module is not installed on the operating system of the server.
Recommended Response Action Install the iDRAC Service Module and retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message
RAC0692

Message
Unable to assign and un-assign physical disk drives as global hotspare(s), because Lifecycle Controller is not enabled.

Detailed Description
Unable to assign and un-assign physical disk drives as global hotspare(s), because Lifecycle Controller is not enabled.

Recommended Response Action
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0693

Message
Pending operations are created for the selected operations on the selected physical disk drives.

Detailed Description
Pending operations are created for the selected operations on the selected physical disk drives.

Recommended Response Action
To view the pending operations, click the Pending Operations button.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0694

Message
Unable to configure the attributes of the selected controller, because Lifecycle Controller is not enabled.

Detailed Description
Unable to configure the attributes of the selected controller, because Lifecycle Controller is not enabled.

Recommended Response Action
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
RAC0695

Message
Unable to perform security key operations on the selected controller, because Lifecycle Controller is not enabled.

Detailed Description
Unable to perform security key operations on the selected controller, because Lifecycle Controller is not enabled.

Recommended Response Action
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

RAC0696

Message
Unable to retrieve the hardware overview information because the server is turned off.

Detailed Description
The iDRAC is unable to retrieve hardware overview related information while the server is turned off.

Recommended Response Action
Turn the server on to view the hardware overview information.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC0697

Message
Choose to create a job from the existing successful pending operations.

Detailed Description
Choose to create a job from the existing successful pending operations.

Recommended Response Action
Do one of the following: 1) Click Pending Operations button to view pending operations. 2) Click Create Job button to create a configuration job. 3) Click Cancel button to quit job creation.

Category
Configuration (RAC = RAC Event)
RAC0698
Message: Unable to modify USB management settings because the USB device is currently in use.
Detailed Description: Unable to modify USB management settings because the USB device is currently in use.
Recommended Response Action: Wait for the current USB operations to complete and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC0699
Message: Invalid value for Minimum Fan Speed.
Detailed Description: The value for Minimum Fan Speed must be within the range identified in the Recommended Response Action.
Recommended Response Action: Enter a value between <min>-<max>.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

RAC070
Message: The SSL Web-Server certificate was successfully restored to factory defaults.
Detailed Description: The SSL Web-Server certificate was successfully restored to factory defaults.
Recommended Response Action: No response action is required.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

RAC0700

Message Email page successful to arg1.
Arguments arg1 = email address
Detailed Description An email page was successfully sent.
Recommended Response Action No response action is required.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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RAC0701

Message Requested system powerup.
Detailed Description Requested system powerup.
Recommended Response Action No response action is required.
Category Audit (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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RAC0702

Message: Requested system powercycle.
Detailed Description: Requested system powercycle.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0703

Message: Requested system hardreset.
Detailed Description: Requested system hardreset.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
**RAC0704**

**Message**  
Requested system powerdown.

**Detailed Description**  
Requested system powerdown.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**RAC0705**

**Message**  
Requested system graceful shutdown.

**Detailed Description**  
Requested system graceful shutdown.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)
RAC0706

Message: Requested system NMI.
Detailed Description: Requested system NMI.
Recommended Response Action: No response action is required.
Category: Audit (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC0707

Message: Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware.
Detailed Description: Primary Firmware image is invalid. Currently booted from backup image. To restore primary image, update the firmware.
Recommended Response Action: Acquire an iDRAC firmware image of the version desired. Using the latest version available is recommended. Update the iDRAC firmware.
**RAC0708**

**Message**
Previous reboot was due to a firmware watchdog timeout.

**Detailed Description**
Previous reboot was due to a firmware watchdog timeout.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC0709**

**Message**
Unknown server inserted into chassis.

**Detailed Description**
Unknown server inserted into chassis.
**RAC071**

**Message**
Unable to perform the iDRAC reset operation because the firmware upgrade operation is in progress.

**Detailed Description**
The iDRAC reset operation cannot be completed because a firmware upgrade operation is in progress.

**Recommended Response Action**
Wait for the current update process to complete and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC0710**

**Message**
Server link tuning error.

**Detailed Description**
Server link tuning error.

**Recommended Response Action**
Ensure that the IO Module (IOM) and Mezzanine (Mezz) cards are appropriately matched. Check the M1000e Hardware Manual for correct component compatibility.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
### RAC0711

**Message**
Unknown power on response from the CMC.

**Detailed Description**
Unknown power on response from the CMC.

**Recommended Response Action**
Try resetting the CMC. Also try resetting the server.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### RAC0712

**Message**
Server failed to power up due to zero power allocated.

**Detailed Description**
Server failed to power up due to zero power allocated.

**Recommended Response Action**
Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, allocate power necessary and retry the operation.
### RAC0713

**Message**
Server failed to power up due to fabric mismatch.

**Detailed Description**
Server failed to power up due to fabric mismatch.

**Recommended Response Action**
Ensure that the hardware compatibility between the IO Module (IOM) and the Mezzanine (Mezz) card is correct. Check the M1000e Hardware Manual for correct component compatibility.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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### RAC0714

**Message**
Server failed to power up due to noncontinuous power action.

**Detailed Description**
Server failed to power up due to noncontinuous power action.
Recommended Response Action
Utilize the Chassis Management Controller web interface to check available power and server power requirements. If sufficient power is available, allocate power necessary and retry the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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RAC0715

Message
Image file does not exist in the given remote share path.

Detailed Description
Image file does not exist in the given remote share path.

Recommended Response Action
Ensure that the image file is available on the share path provided. Retry the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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RAC0716

Message
Unable to unmount remote share.
Unable to unmount remote share.

Retry the operation.

Audit (RAC = RAC Event)

Severity 3 (Informational)

Alert

Remote share unmounted successfully.

Remote share unmounted successfully.

No response action is required.

Audit (RAC = RAC Event)

Severity 3 (Informational)

Alert

Remote share unmounted successfully.

Remote share unmounted successfully.

No response action is required.

Audit (RAC = RAC Event)

Severity 3 (Informational)
RAC0718

**Message**
Remote File Share service is busy with the previous connection.

**Detailed Description**
Remote File Share service is busy with the previous connection.

**Recommended Response Action**
Stop the Remote File Share session and retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RAC0719

**Message**
Not able to connect to remote file share. Virtual media devices are already in use.

**Detailed Description**
Not able to connect to remote file share. Virtual media devices are already in use.

**Recommended Response Action**
Stop existing Virtual Media sessions and retry the operation.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RAC072

Message
Unable to perform the iDRAC reset to factory defaults operation because the firmware upgrade is in progress.

Detailed Description
The iDRAC reset to factory defaults operation cannot be completed because a firmware upgrade operation is in progress.

Recommended Response Action
Wait for the current update process to complete and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0720

Message
Unable to mount remote share arg1.

Arguments
arg1 = sharename

Detailed Description
Unable to mount remote share.

Recommended Response Action
Retry the operation.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
RAC0721

Message: Remote share mounted successfully arg1.

Arguments: arg1 = sharename

Detailed Description: Remote share mounted successfully.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RAC0722

Message: Failed to program the Chassis assigned MAC address for the NIC.Integrated. arg1.

Arguments: arg1 = NDC slot number

Detailed Description: Failed to program the Chassis assigned MAC address for the NIC.Integrated in the specified slot number.

Recommended Response Action: Reseat the server and retry.

Category: Audit (RAC = RAC Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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### RAC0723

**Message**
The firmware version \( arg1 \) of the Chassis Management Controller is earlier than the required version \( arg2 \).

**Arguments**
\( arg1 = \) version number, \( arg2 = \) version number

**Detailed Description**
The Chassis Management Controller firmware version identified in the message is earlier than the version required to support the server.

**Recommended Response Action**
Update the Chassis Management Controller firmware to the required version identified in the message.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### RAC0724

**Message**
Quick Sync Firmware is successfully updated.

**Detailed Description**
Quick Sync Firmware is successfully updated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC0725

Message: Unable to update the Quick Sync Firmware.

Detailed Description: Unable to update the Quick Sync Firmware.

Recommended Response Action: No response action is required.

Category: Updates (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

RAC0726

Message: Auto-throttling is disabled for the server.

Detailed Description: Auto-throttling is disabled for the server based on a request from the Chassis Management Controller (CMC) because the CMC is restarting.

Recommended Response Action: No response action is required.

Category: Audit (RAC = RAC Event)

Severity: Severity 3 (Informational)
RAC0727

Message
Auto-throttling is enabled for the server.

Detailed Description
Auto-throttling is enabled for the server based on a request from the Chassis Management Controller (CMC) because the CMC has restarted.

Recommended Response Action
No response action is required.

Category
Audit (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC0728

Message
The Quick Sync communication is no longer functioning.

Detailed Description
The Quick Sync communication or the connection to the iDRAC is no longer functioning.

Recommended Response Action
Do the following: 1) Remove and reseat the bezel. 2) Turn the bezel on by pressing the activation button. 3) Try the Quick Sync feature again. If the issue persists, contact your technical support provider.
Category: System Health (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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**RAC073**

**Message**
Unable to perform the iDRAC reset operation because a vFlash partition creation operation is in progress.

**Detailed Description**
The iDRAC reset operation cannot be completed because a vFlash partition creation operation is in progress.

**Recommended Response Action**
Wait for the vFlash partition creation process to complete and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC074**

**Message**
Unable to perform the iDRAC reset to factory defaults operation because a vFlash partition creation operation is in progress.

**Detailed Description**
The iDRAC reset to factory defaults operation cannot be completed because a vFlash partition creation operation is in progress.

**Recommended Response Action**
Wait for the vFlash partition creation process to complete and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
RAC0740

**Message**
The Prepare to Remove operation will stop any activity on the PCIe SSD device so that it can be removed safely. The device is safe to remove when the disk shows the safe to remove LED pattern.

**Detailed Description**
The Prepare to Remove operation will stop any activity on the PCIe SSD device so that it can be removed safely. The device is safe to remove when the disk shows the safe to remove LED pattern.

**Recommended Response Action**
Press OK to continue.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC0741

**Message**
Unable to perform Prepare to Remove or Secure Erase operations on the selected PCIe SSD disk drive(s), because Lifecycle Controller is not enabled.

**Detailed Description**
Unable to perform Prepare to Remove or Secure Erase operations on the selected PCIe SSD disk drive(s), because Lifecycle Controller is not enabled. Retry the operation after the server has restarted.

**Recommended Response Action**
To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes. Retry the operation after the server has restarted.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC0742

**Message**
The Secure Erase command will be executed on the selected PCIe SSD disk drives(s) only after the reboot of the system or loss of power to the disk drives(s).

**Detailed Description**
A Secure Erase operation on a PCIe SSD overwrites all blocks in an encrypted way and all the data on the PCIe SSD device will be permanently lost. The changes will happen after reboot of the system or loss of power to the drive.

**Recommended Response Action**
Press OK to continue.
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<tr>
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No alerts are applicable for this message

RAC0743

Message: Unable to perform storage configuration operations because no storage controllers are detected on the server.
Detailed Description: Unable to perform storage configuration operations because no storage controllers are detected on the server.
Recommended Response Action: No response action is required.

RAC0744

Message: Unable to perform storage configuration operations because neither Storage controllers nor PCIe Extenders detected on the system.
Detailed Description: Unable to perform storage configuration operations because neither Storage controllers nor PCIe Extenders detected on the system.
Recommended Response Action: No response action is required.

RAC0745

Message: There are no pending operations present on the selected component group.
Detailed Description: There are no pending operations on the selected component group.
Recommended Response Action: No response action is required.
RAC0746

Message: Unable to perform virtual disk (VD) operations, because Lifecycle Controller is not enabled.

Detailed Description: Unable to perform virtual disk (VD) operations, because Lifecycle Controller is not enabled.

Recommended Response Action: Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, restart the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes.

RAC0747

Message: Unable to perform reset configuration on the selected controller, because Lifecycle Controller is not enabled.

Detailed Description: Unable to perform reset configuration on the selected controller, because Lifecycle Controller is not enabled.

Recommended Response Action: Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, reboot the server. During server startup, press F2 to enter System Setup. Go to iDRAC Settings -> Lifecycle Controller, select Enable, and save the changes.

RAC0748

Message: The BIOS watchdog timer must be disabled if the Automatic System Recovery option is enabled.

Detailed Description: The BIOS watchdog must be disabled if Automatic System Recovery option is enabled.
**Recommended Response Action**
Make sure the BIOS watchdog timer is disabled before enabling the Automatic System Recovery option.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**RAC0749**

**Message**
SNMPv3 User cannot be set to None.

**Detailed Description**
SNMPv3 User cannot be set to None.

**Recommended Response Action**
Set the SNMPv3 User to a value other than None and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC0750**

**Message**
Unable to access the USB NIC IP address by using PING process.
**Detailed Description**
The USB NIC IP address cannot be accessed by using the PING process.

**Recommended Response Action**
Enter another appropriate IP address, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC0751**

**Message**
The threshold value entered is less than the lower warning or critical threshold.

**Detailed Description**
The value for information or warning threshold should not be less than lower critical threshold value.

**Recommended Response Action**
Enter a threshold value that is greater than the lower warning or critical threshold values and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**RAC0752**

**Message**
The threshold value entered is greater than the upper warning or critical threshold.

**Detailed Description**
The value for information or warning threshold should not be greater than upper critical threshold value.

**Recommended Response Action**
Enter a threshold value that is lower than the upper warning or critical threshold values and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
**RAC0753**

*Message*: Reset iDRAC to apply the pending new certificate. Until iDRAC is reset the old certificate will be active.

*Detailed Description*: Reset iDRAC to apply the pending new certificate. Until iDRAC is reset old certificate will be active. A manual reset of iDRAC is needed for the new certificate to take into effect.

*Recommended Response Action*: Click the Reset iDRAC link to reset iDRAC.

*Category*: Configuration (RAC = RAC Event)

*Severity*: Severity 3 (Informational)

**RAC0754**

*Message*: Reset iDRAC to complete the deletion action of the certificate.

*Detailed Description*: Reset iDRAC to complete custom SSL certificate deletion action. A manual reset of iDRAC is needed for the action to take effect.

*Recommended Response Action*: Click the Reset iDRAC link to reset iDRAC.

*Category*: Configuration (RAC = RAC Event)

*Severity*: Severity 3 (Informational)

**RAC0755**

*Message*: The selected value is not supported on this server.

*Recommended Response Action*: Retry the operation with another value.

*Category*: Configuration (RAC = RAC Event)

*Severity*: Severity 2 (Warning)
RAC0756

Message: Unable to retrieve the fan information.
Detailed Description: Fan information cannot be displayed. This situation may occur if the server is powered off.
Recommended Response Action: Power on the server. If the server is already powered on, wait for a few minutes and refresh the page. If the problem persists, contact your service provider.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

RAC0757

Message: USB Management Port is currently disabled in BIOS configuration.
Detailed Description: The requested operation using the USB Management Port cannot be completed because the port is disabled in BIOS configuration.
Recommended Response Action: Enable the USB Management Port in BIOS configuration to use this feature
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

RAC0758

Message: Tech Support Report (TSR) data is being collected. This operation will take less than arg1 minutes.
Arguments: arg1 = collection time
Detailed Description: The Tech Support Report generation will take the time identified in the message to complete.
Recommended Response Action: To cancel the reports collection click Cancel.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

**RAC0759**

**Message**  A running Tech Support Report job has been cancelled.

**Detailed Description**  A running Tech Support Report job has been cancelled.

**Recommended Response Action**  Click Job Queue button to view the status of the cancelled job.

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

No alerts are applicable for this message

**RAC0760**

**Message**  Unable to perform physical disk(s) storage configuration operations for the selected controller.

**Detailed Description**  Unable to perform storage configuration operations on physical disk drive(s) as there are no disk drive(s) available with Ready/RAID/NON-RAID state or the selected controller is in HBA mode.

**Recommended Response Action**  Check the following: 1) If there are no physical disk drive(s) in either Ready state or in RAID/NON-RAID state, insert additional disk drive(s). 2) If the Controller(s) are in HBA mode, switch the controller(s) to RAID mode. To switch controller(s) to RAID mode using the F2 System Setup utility, go to Device Settings > RAID Controller > Controller Management > Advanced Controller Management > Switch to RAID mode.

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

No alerts are applicable for this message

**RAC0761**

**Message**  Unable to retrieve the system inventory because the maximum number of inventory collections allowed is reached, or because of an internal issue where the Collect System Inventory On Restart (CSIOR) feature is disabled
Detailed Description: The system inventory cannot be retrieved because the maximum number of inventory collections allowed is reached, or because of an internal issue where the Collect System Inventory On Restart (CSIOR) feature is disabled.

Recommended Response Action: The total number of hardware inventory instances might have exceeded the maximum limit. Wait for the operation to complete and retry the operation. If no other system inventory operation is in progress, enable the Collect System Inventory On Restart (CSIOR) feature, restart the system, and then retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0762

Message: Unable to perform a firmware update because a valid catalog file is not available on the network share.

Detailed Description: Unable to perform a firmware update because a valid catalog file is not available on the network share.

Recommended Response Action: Make sure that a valid catalog file is available on the network share and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | ✔ | ✔ | | |
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | | | | | | |
CMC | | | | | | |

RAC0763

Message: Unable to configure the port number that is entered because the port number is already in use.

Detailed Description: Unable to configure the port number that is entered because the port number is already in use.
Recommended Response Action
Enter a port number that is not already in use and retry the operation. If the issue persists, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RAC0764

Message
Selecting a higher SSL encryption enhances the security. However, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength Java Cryptography Extension Policy Files to permit usage of iDRAC plugins such as vConsole with this higher level of encryption. NOTE: Using this level of encryption may have import or export implications. For more guidance, contact your legal department.

Detailed Description
Selecting a higher SSL encryption enhances the security. However, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength Java Cryptography Extension Policy Files to permit usage of iDRAC plugins such as vConsole with this higher level of encryption. NOTE: Using this level of encryption may have import or export implications. For more guidance, contact your legal department.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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CMC
RAC0765

Message
Unable to access the operating system (OS) IP address by using the Ping process because an incorrect IP address is entered.

Detailed Description
The OS IP address cannot be accessed by using the Ping process because an incorrect IP address is entered.

Recommended Response Action
Enter a correct IP address, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0766

Message
Unable to assign USB NIC IP address \texttt{arg1} to the OSBMC device because only Link Local IP address can be allowed.

Arguments
\texttt{arg1} = IP address

Detailed Description
The USB NIC IP address identified in the message cannot be assigned to the OSBMC device because only Link Local IP address can be allowed.

Recommended Response Action
Enter appropriate Link Local IP address, and then retry the operation. For information about supported IP addresses, refer to the iDRAC Users Guide available at the support site.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0767

Message
Unable to assign USB NIC IP address \texttt{arg1} to the OSBMC device because IP address setting conflicts with existing network interface IP.

Arguments
\texttt{arg1} = IP address
Detailed Description
The USB NIC IP address identified in the message cannot be assigned to the OSBMC device because IP address setting conflicts with existing network interface IP.

Recommended Response Action
Enter an unique IP address for OSBMC USB NIC that is not the same as another NICs IP address, and then retry the operation. For information about supported IP addresses, refer to the iDRAC Users Guide available at the support site.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC0768

Message
iDRAC is currently initializing. Try logging in to iDRAC after few minutes because iDRAC is initializing after a recent firmware update process.

Detailed Description
iDRAC firmware is recently updated and iDRAC is still in the process of initializing. It is recommended to wait a few minutes before logging in so that the iDRAC initialization process can fully complete.

Recommended Response Action
Wait a few minutes to log in to iDRAC. Some iDRAC features may not be available for use if log in is continued at this time.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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RAC0801

Message
iDRAC has reset to default settings.

Detailed Description
iDRAC closes all the existing sessions and all configuration settings are set to default values. The iDRAC IP address is set to the default static IP address.
**Recommended Response Action**
No response action is required.

**Category**
Audit (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC082**

**Message**
File not available for transfer

**Detailed Description**

**Recommended Response Action**

**Category**
Configuration (RAC = RAC Event)

**Severity**

**Redfish Event Type**
Alert

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**RAC0901**

**Message**
Invalid syntax. The -t option value must set to 1.
### Detailed Description
The syntax of the specified command is invalid. In this case, the usage of the `-t` option is invalid.

### Recommended Response Action
See the help text/documentation for the valid syntax of the subcommand.

### Category
Configuration (RAC = RAC Event)

### Severity
Severity 3 (Informational)

### Redfish Event Type
Alert

No alerts are applicable for this message

---

**RAC0902**

**Message**
The `-f` option requires `-d` to also be specified.

**Detailed Description**
The syntax of the specified command is invalid. In this case, the usage of the `-f` option is invalid.

**Recommended Response Action**
See the help text/documentation for the valid syntax of the subcommand.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**RAC0903**

**Message**
The `-d` option cannot be used with any other options.

**Detailed Description**
The syntax of the specified command is invalid. In this case, the usage of the `-d` option is invalid.

**Recommended Response Action**
See the help text/documentation for valid syntax of the subcommand.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**RAC0904**

**Message**
The remote file location is not accessible or reachable.

**Detailed Description**
The iDRAC cannot access the remote file location. The credentials or path to the remote file location is incorrect or iDRAC cannot connect to the network address.
| **Recommended Response Action** | Confirm that the path and credentials to remote file are correct, and check that the iDRAC can connect to the network address. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

*RAC0905*

| **Message** | Failed to get the USC version details. |
| **Detailed Description** | Unable to obtain the USC version details. |
| **Recommended Response Action** | No response action is required. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

*RAC0906*

| **Message** | Operation failed. |
| **Detailed Description** | Unable to perform the requested operation. |
| **Recommended Response Action** | Try again later. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method. |
| **Category** | Configuration (RAC = RAC Event) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

*RAC0907*

| **Message** | System ID LED blink on. |
| **Detailed Description** | The System ID LED was successfully set to on. |
| **Recommended Response Action** | No response action is required. |
**RAC0908**

**Message**
System ID LED blink off.

**Detailed Description**
The System ID LED was successfully set to off.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message.

---

**RAC0909**

**Message**
Invalid subcommand syntax: Specify the object name.

**Detailed Description**
The specified command is missing object name syntax.

**Recommended Response Action**
Specify the correct subcommand object name syntax. See the help text or documentation for valid syntax.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message.

---

**RAC0910**

**Message**
Invalid subcommand syntax: Specify group and object name.

**Detailed Description**
The specified command is missing group and object name syntax.

**Recommended Response Action**
Specify the correct subcommand group and object name syntax. See the help text or documentation for the valid syntax.

**Category**
Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0911

Message: Data about version details is unavailable.
Detailed Description: Unable to retrieve version details.
Recommended Response Action: Try again later. If the problem persists, contact technical support. Refer to your product documentation to choose the contact method that is convenient for you.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC0912

Message: Unable to connect to RAC at specified IP address.
Detailed Description: The management system could not connect to the iDRAC.
Recommended Response Action: Verify whether the IP address of the remote iDRAC is correct. Verify whether connectivity exists between the management system and the iDRAC.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC1000

Message: Unable to set the object value for iDRAC IPv6 address or gateway.
Detailed Description: Unable to set the object value for iDRAC IPv6 Address1 and IPv6 Gateway, because the object IPv6 Autoconfig is enabled.
Recommended Response Action: Disable the object IPv6 AutoConfig using "racadm set iDRAC.IPv6.AutoConfig <0 | Disabled >", and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
### RAC1001

**Message**
Unable to set the object value for iDRAC IPv6 DNS1 or DNS2.

**Detailed Description**
Unable to set the object value for iDRAC IPv6 DNS1 or DNS2, because the object DNSFromDHCP6 is enabled.

**Recommended Response Action**
Disable the object DNSFromDHCP6 using `racadm set iDRAC.IPv6.DNSFromDHCP6 <0 | Disabled>`, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

---

### RAC1002

**Message**
Active Directory Single Sign On (SSO) cannot be enabled.

**Detailed Description**
The Active Directory SSO cannot be enabled, because the object SmartCardLogonEnable is enabled.

**Recommended Response Action**
Disable the object SmartCardLogonEnable using `racadm set iDRAC.SmartCard.LogonEnable <0 | Disabled>`, and retry the operation.

**Category**
Configuration (RAC = RAC Event)
### RAC1003

**Message**
The smart card certificate revocation list (CRL) cannot be enabled.

**Detailed Description**
The smart card certificate revocation list (CRL) cannot be enabled, because the object SmartCardLogonEnable is disabled.

**Recommended Response Action**
Enable the object SmartCardLogonEnable using "racadm set iDRAC.SmartCard.SmartCardLogonEnable <1 | Enabled>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC1004

**Message**
The smart card login cannot be enabled.

**Detailed Description**
The smart card login cannot be enabled, because the Active Directory Single Sign On is enabled.

**Recommended Response Action**
Disable Active Directory Single Sign On (SSO) using "racadm set iDRAC.ActiveDirectory.SSOEnable <0 | Disabled>", and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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**RAC1005**

Message: Successfully exported hardware inventory.
Detailed Description: The hardware inventory was successfully exported.
Recommended Response Action: No response action is required
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**RAC1006**

Message: Unable to process the arg1, and the update was not applied.
Arguments: arg1 = file name
The update was not applied because of one of the following reasons: 1) The Update Package is invalid. 2) Lifecycle Controller is corrupted. 3) Another update is in progress.

Do one of the following and retry the operation: 1) Download the correct Update Package from your service provider. 2) Use the Lifecycle Controller repair package to repair Lifecycle Controller. For more information, see Lifecycle Controller Users Guide. 3) Wait until the current update operation is complete.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Alert

The job arg1 cannot be deleted.

arg1 = job ID

The job specified in the message cannot be deleted when it is Running, Scheduled, or transitioning from Downloading to Scheduled.

Wait until the specified job is completed, or reboot the system to move the job to Completed state. To view the job status, use "racadm jobqueue view -i <Job_ID>".

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Alert
**RAC1008**

**Message**
The Active Directory object DCLookupByUserDomain cannot be disabled.

**Detailed Description**
The Active Directory object DCLookupByUserDomain cannot be disabled, because the Active Directory object DCLookupDomainName is not configured.

**Recommended Response Action**
Configure the Active Directory object DCLookupDomainName using "racadm set iDRAC.ActiveDirectory.DCLookupDomainName <Name>", and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1009**

**Message**
The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled.

**Detailed Description**
The Active Directory objects DCLookupEnable or GCLookupEnable cannot be enabled, because IPv4.DNS1, IPv4.DNS2, IPv6.DNS1, or IPv6.DNS2 is not configured.

**Recommended Response Action**
Configure IPv4.DNS1, IPv4.DNS2, IPv6.DNS1, or IPv6.DNS2 using racadm set command, and retry the operation. For example, "racadm set iDRAC.IPv4.DNS1 <address>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RAC1010

Message
Unable to set the power cap value.

Detailed Description
The power cap cannot be set if the object Power.Cap is disabled.

Recommended Response Action

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC1011

Message
The OS to iDRAC pass-through cannot be enabled.

Detailed Description
The OS to iDRAC pass-through cannot be enabled, because the NIC is in Dedicated mode.

Recommended Response Action
Change the iDRAC NIC mode to shared mode using "racadm set idrac.nic.selection <value>", and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)
RAC1012

Message   Unable to change the auto-negotiation state for the current NIC selection mode.
Detailed Description   Unable to change the auto-negotiation state for the current NIC selection mode, because the iDRAC NIC is in dedicated mode.
Recommended Response Action   Change the iDRAC NIC mode to shared mode using "racadm set idrac.nic.selection <value>", and retry the operation.
Category   Configuration (RAC = RAC Event)
Severity   Severity 2 (Warning)
Redfish Event Type   Alert

RAC1013

Message   The SNMPv3 authentication protocol state cannot be set to None if the SNMPv3 privacy protocol state is set to None.
Detailed Description   For any iDRAC user, SNMPv3 authentication protocol can be changed to "None" only if the SNMPv3 privacy protocol state is set to "None".
Recommended Response Action   Change the SNMPv3 privacy protocol state to None using "racadm set iDRAC.Users.<index>.SNMPv3PrivacyType none", and retry the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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RAC1014

Message: The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

Detailed Description: The SNMPv3 privacy protocol cannot be configured to AES or DES mode if SNMPv3 authentication protocol state is set to "None".

Recommended Response Action: To configure the SNMPv3 Privacy Protocol for a specified iDRAC user, change the SNMPv3 Authentication Protocol to either MD5 or SHA state using "racadm set idrac.users.<index>.SNMPv3AuthenticationType <value>".

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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RAC1016

Message: The specified user already exists. Duplicate user names are not allowed.
Detailed Description: iDRAC does not allow duplicate user names for each of the 16 users.

Recommended Response Action: Make sure that each of the 16 user names are unique.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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RAC1017

Message: Successfully modified the object value and the change is in pending state.

Detailed Description: Any staged operation requires a job and system reboot to apply the object values.

Recommended Response Action: To apply modified value, create a configuration job and reboot the system. To create the commit and reboot jobs, use "jobqueue" command. For more information about the "jobqueue" command, see RACADM help.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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RAC1018

Message The specified object or syntax is invalid.
Detailed Description This occurs when an incorrect syntax is used or an incorrect object is specified during the command invocation.
Recommended Response Action Make sure to use the correct syntax and correct object names, and retry the operation. For information related to the corresponding group, see RACADM help or the RACADM Users Guide.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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RAC1019

Message The specified object is not supported for the current system configuration.
Detailed Description Some objects have dependencies on other objects that are required to perform a task. The specified object is not available because of such dependencies.
Recommended Response Action Verify the object dependency using "racadm help <device class>.<groupname>.<objectname>", and retry the operation. For example, racadm help NIC.VndrConfigGroup.1.VirtWWPN.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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1464
**RAC1020**

**Message**
No objects are available under the specified group for the current system configuration.

**Detailed Description**
Some objects have dependencies on other objects that are required to perform a task. The specified group does not contain any objects, because the dependent objects are not part of the current system configuration.

**Recommended Response Action**
Verify the dependencies of the objects under the specified group using "racadm help <device class>.<groupname>", and retry the operation. For example, 'racadm help NIC.IscsiSecondTgtParams'.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1021**

**Message**
NIC objects are not available in the current system configuration.

**Detailed Description**
NIC objects are not available if NIC devices are not installed in the system, or if some iDRAC services are busy.

**Recommended Response Action**
Make sure the NIC devices are correctly installed in the system and retry the operation after the Collect System Inventory On Restart (CSIOR) feature has updated the system inventory. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Unable to create the configuration job.

Configuration jobs are created only if at least one object on the device or component (for example, NIC.Slot.1 or BIOS) has a pending value to be applied.

Make sure that there is at least one object on the specified device or component that has a pending value, and retry the operation.

Successfully scheduled a job.

The pending value is applied during the next reboot of system.

Verify the job status using ‘racadm jobqueue view -i JID_xxxxx’ command.
**RAC1025**

**Message**

The specified object is read-only and cannot be modified due to an object dependency.

**Detailed Description**

Some objects have dependencies on other objects that are required to perform a task. However, some of the objects are read-only because of the current system configuration and the values of the dependent objects.

**Recommended Response Action**

Verify the object dependency using `racadm help <device class>.<groupname>.<objectname>`, and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

**RAC1026**

**Message**

A custom signing certificate does not exist.

**Detailed Description**

A custom signing certificate must be present in the system to delete or download the certificate.
**RAC1027**

**Message**
Successfully sent the alert for the specified event to the configured destination.

**Detailed Description**
A test event was generated and the alert was successfully sent to the destination.

**Recommended Response Action**
Verify if the alerts were received by the configured destination. Otherwise, reconfigure the destination and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1028**

**Message**
Unable to download the specified certificate type.
The certificate cannot be downloaded if the certificate type specified is other than "1", "2", or "3".

Make sure to specify either "1", "2", or "3" for the certificate type (-t) option, and retry the operation.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert

Unable to delete the specified certificate type.

The certificate cannot be deleted if the certificate type specified is not "3".

Make sure to specify '3' for the certificate type (-t) option, and retry the operation.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert

iDRAC

CMC

iDRAC

CMC

iDRAC

CMC
### RAC1030

<table>
<thead>
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<th>The custom signing certificate was deleted.</th>
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<tbody>
<tr>
<td>Detailed Description</td>
<td>The custom signing certificate present on iDRAC was deleted.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
</tr>
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### RAC1031

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<th>Unable to delete the custom signing certificate.</th>
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<tbody>
<tr>
<td>Detailed Description</td>
<td>The custom signing certificate on iDRAC cannot be deleted because of an internal error.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify if iDRAC has a custom signing certificate. If it has the certificate, retry the operation. If the issue persists, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RAC = RAC Event)</td>
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**RAC1032**

**Message**

arg1 jobs was cancelled by the user.

**Arguments**

arg1 = Job ID or ALL

**Detailed Description**

The job specified in the message were cancelled.

**Recommended Response Action**

No response action is required

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

**RAC1033**

**Message**

Unable to retrieve the server component software inventory.

**Detailed Description**

The server component software inventory cannot be retrieved because of an internal error.

**Recommended Response Action**

Make sure to enable Collect System Inventory On Restart (CSIOR) feature, reboot the server, and retry the operation. If CSIOR is already enabled, restart iDRAC using `racadm racreset` command, and retry the operation.

**Category**

Configuration (RAC = RAC Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert
### RAC1034

**Message**
This action will ungracefully turn off the server.

**Detailed Description**
This operation will cause the server to shutdown immediately. This may result in the applications losing data.

**Recommended Response Action**
Before continuing, exit all the programs running on this server, and make sure that there is no inbound and outbound traffic associated with this server. Inability to do so may prevent all the servers in the chassis from accessing the shared-storage devices for up to two minutes. To continue the operation, enter a `-f` at the end of command `racadm serveraction powerdown -f`, and then retry.

**Category**
System Health (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

### RAC1035

**Message**
There are no pending values to be cleared.

**Detailed Description**
The command is unable to clear the pending state for attributes of the specified component because there are no pending values.

**Recommended Response Action**
Make sure that there is at least one attribute on the specified device has a pending value, and retry the operation.
RAC1036

Message
Successfully cleared pending attribute(s) for the group specified.

Detailed Description
Successfully cleared pending values for attributes in the group specified.

Recommended Response Action
To verify, run the RACADM command “racadm get group”.

RAC1037

Message
Unable to clear pending attribute(s).

Detailed Description
Unable to clear pending attribute(s). This may be because the FQDD entered is incorrect.

Recommended Response Action
Check that the FQDD entered is correct. View the Help information by running the RACADM command “racadm help clearpending”.

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

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iDRAC

CMC

No alerts are applicable for this message
RAC1038

Message
Unable to clear pending values for the specified component.

Detailed Description
Unable to clear pending values for the specified component. This may be because there is an existing configuration job for the component.

Recommended Response Action
Make sure that a config job is not scheduled for this component. For more information, view the help command by running the RACADM command "racadm jobqueue help delete".

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

RAC1039

Message
The subcommand entered is not supported on the specified server.

Detailed Description
The subcommand entered is not supported on the specified server.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔
CMC

1474
RAC1040

Message Successfully accepted the RAID storage configuration operation. The change is in pending state.

Detailed Description The requested RAID storage operation was successfully accepted and now must be applied by creating a RAID storage configuration job.

Recommended Response Action To apply the configuration operation, create a configuration job, and then restart the server. To create the required commit and reboot jobs, run the jobqueue command. For more information about the jobqueue command, enter the RACADM command “racadm help jobqueue”.

Category Configuration (RAC = RAC Event)

Severity Severity 2 (Warning)

Redfish Event Type Alert

No alerts are applicable for this message

RAC1041

Message Successfully configured the Automatic Update (autoupdate) feature settings.

Detailed Description Successfully configured the Automatic Update (autoupdate) feature settings.

Recommended Response Action No response action is required.

Category Configuration (RAC = RAC Event)

Severity Severity 3 (Informational)

Redfish Event Type Alert

No alerts are applicable for this message
RAC1042

Message
Unable to configure the Automatic Update (autoupdate) feature settings. The required options are either invalid or not provided.

Detailed Description
One or more required options to configure the Automatic Update (autoupdate) feature are missing.

Recommended Response Action
For more information, view the help details by running the RACADM command ‘racadm help autoupdatescheduler’.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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RAC1043

Message
Unable to configure the Automatic Update (autoupdate) feature settings. The option arg1 is either invalid or not provided.

Arguments
arg1 = option name

Detailed Description
The operation did not complete successfully because of an invalid value for the option identified in the message.

Recommended Response Action
Retry with a correct value for the option identified in the message. For more information, view the help details by running the RACADM command ‘racadm help autoupdatescheduler’.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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1476
**RAC1044**

**Message**
The Automatic Update (autoupdate) feature is not enabled.

**Detailed Description**
The Automatic Update (autoupdate) feature is not enabled

**Recommended Response Action**
To enable, run the RACADM command "racadm set lifecyclecontroller.lcattributes.autoupdate 1".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1045**

**Message**
Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates because the catalog on ftp.dell.com changes often.

**Detailed Description**
Individual component firmware updates may occur frequently and cause changes to the catalog on ftp.dell.com. Specifying ftp.dell.com as the catalog source for the Automatic Update feature may result in frequent system firmware updates.

**Recommended Response Action**
Creating a custom repository using the Repository Manager tool allows control of the frequency of component firmware updates.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
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**RAC1046**

**Message**
Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured.

**Detailed Description**
Unable to view the Automatic Update (autoupdate) feature settings because the feature has not been configured.

**Recommended Response Action**
Configure the Automatic Update feature by running the RACADM command `racadm autoupdatescheduler create` with the desired option settings.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1047**

**Message**
Successfully cleared the Automatic Update (autoupdate) feature settings.

**Detailed Description**
Successfully cleared the Automatic Update (autoupdate) feature settings.

**Recommended Response Action**
No response action is required

**Category**
Configuration (RAC = RAC Event)
### RAC1048

**Message**
Unable to clear the Automatic Update (autoupdate) feature settings because there is currently no configuration.

**Detailed Description**
The Automatic Update (autoupdate) feature settings must already exist in order to be cleared.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC1049

**Message**
Successfully configured the Automatic Backup (autobackup) feature settings.

**Detailed Description**
Successfully configured the Automatic Backup (autobackup) feature settings.
Recommended Response Action
No response action is required

Category 
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
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RAC1050

Message
Unable to configure the Automatic Backup (autobackup) feature settings. The required options are either invalid or not provided.

Detailed Description
One or more required options to configure the Automatic Backup (autobackup) feature are missing.

Recommended Response Action
For more information, view the help details by running the RACADM command "racadm help systemconfig backup".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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1480
RAC1051

Message
Unable to configure the Automatic Backup (autobackup) feature settings. The option arg1 is either invalid or not provided.

Arguments
arg1 = option name

Detailed Description
The operation did not complete successfully because of an invalid value for the option identified in the message.

Recommended Response Action
Retry with a correct value for the option identified in the message. For more information, view the help details by running the RACADM command "racadm help systemconfig backup".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
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RAC1052

Message
The Automatic Backup (autobackup) feature is not enabled.

Detailed Description
The Automatic Backup (autobackup) feature is not enabled.

Recommended Response Action
To enable, run the RACADM command "racadm set lifecyclecontroller.lcattributes.autobackup 1".

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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1481
RAC1053

Message: Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured.

Detailed Description: Unable to view the Automatic Backup (autobackup) feature settings because the feature has not been configured.

Recommended Response Action: Configure the Automatic Backup feature by running the RACADM command "racadm systemconfig backup" with the desired option settings.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

RAC1054

Message: Successfully cleared the Automatic Backup (autobackup) feature settings.

Detailed Description: Successfully cleared the Automatic Backup (autobackup) feature settings.

Recommended Response Action: No response action is required

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RAC1055

Message: Unable to clear the Automatic Backup (autobackup) feature settings because there is currently no configuration.

Detailed Description: The Automatic Backup (autobackup) feature settings must already exist in order to be cleared.

Recommended Response Action: No response action is required

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC1056

Message: Rollback operation initiated successfully.

Detailed Description: The requested firmware Rollback operation was initiated successfully.

Recommended Response Action: No response action is required

Category: Configuration (RAC = RAC Event)
**RAC1057**

**Message**
Rollback operation did not complete successfully. The component identifier specified is not valid or does not have a rollback firmware image available.

**Detailed Description**
Rollback operation did not complete successfully. The component identifier (FQDD) specified in the operation is not valid or does not have a Rollback firmware image available.

**Recommended Response Action**
Run the RACADM command `racadm swinventory` to see the list of Rollback firmware images available and the corresponding component identifier (FQDD).

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**RAC1058**

**Message**
Rollback operation did not complete successfully because Lifecycle Controller is disabled.

**Detailed Description**
The requested firmware Rollback operation did not complete successfully because Lifecycle Controller is disabled.

**Recommended Response Action**
Run the RACADM command `racadm set LifecycleController.LCAtributes.LifecycleControllerState 1` to enable Lifecycle Controller, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC1059

Message
Rollback operation could not be performed because another firmware update job is running.

Detailed Description
The requested firmware rollback operation could not be performed because another firmware update job is running or being scheduled.

Recommended Response Action
Wait until the existing firmware update jobs are completed or scheduled before retrying the operation. To monitor the status of the existing jobs, run the RACADM command 'racadm jobqueue view'. If the issue persists, restart the iDRAC and then retry the operation after the iDRAC has finished restarting.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC1060

Message
System inventory may not be current because the Collect System Inventory On Restart (CSIOR) feature is disabled.

Detailed Description
The system inventory information may not be current because the Collect System Inventory On Restart (CSIOR) feature is disabled.
Recommended Response Action: To enable the CSIOR feature, run the RACADM command "racadm set LifecycleController.LCAttributes.CollectSystemInventoryOnRestart 1". Then restart the server to cause system inventory information to be collected.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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RAC1061

Message: SystemErase operation initiated successfully.
Detailed Description: The requested SystemErase operation was initiated successfully.
Recommended Response Action: Check the job status by running the RACADM command: ‘racadm jobqueue view -i <JobID>’.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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1486
RAC1062

Message
Unable to initiate the SystemErase operation. The component identifier specified is not valid.

Detailed Description
Unable to initiate the requested SystemErase operation. The component identifier specified is not valid.

Recommended Response Action
Run the RACADM command "racadm help systemerase" to see the list of supported components.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RAC1063

Message
Unable to initiate the SystemErase operation because Lifecycle Controller is disabled.

Detailed Description
Unable to initiate the SystemErase operation because Lifecycle Controller is disabled.

Recommended Response Action
Run the RACADM command "racadm set LifecycleController.LCAttributes.LifecycleControllerState 1" to enable Lifecycle Controller, and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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**RAC1064**

**Message**  Unable to initiate the SystemErase operation because another instance of SystemErase job is already in progress.

**Detailed Description**  Unable to initiate the requested SystemErase operation because another SystemErase job is already in progress.

**Recommended Response Action**  To check the job status, run the RACADM command "racadm jobqueue view" and retry the operation after the current SystemErase operation has completed.

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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**RAC1065**

**Message**  Unable to initiate the SystemErase operation because iDRAC encountered an internal issue.

**Detailed Description**  Unable to initiate the SystemErase operation because iDRAC encountered an internal issue.

**Recommended Response Action**  Retry the operation. If the issue persists, restart the iDRAC and then retry the operation after the iDRAC has finished restarting.

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert
Unable to set the minimum non-critical threshold value of **arg1**, because the value entered is lesser than, or equal to the minimum critical threshold value.

**Arguments**

*arg1* = System Board Inlet Temp

**Detailed Description**
The minimum non-critical threshold value identified in the message cannot be set, because the value entered is lesser than, or equal to the minimum critical threshold value.

**Recommended Response Action**
Check the minimum critical threshold level using an appropriate RACADM command. For example, to view the minimum threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

Unable to set minimum non-critical threshold value of **arg1**, because the value entered is greater than, or equal to the maximum non-critical threshold value.
Arguments: \( \textit{arg1} = \text{System Board Inlet Temp} \)

Detailed Description: The minimum non critical threshold value identified in the message cannot be set, because the value entered is greater than, or equal to the maximum non critical threshold value.

Recommended Response Action: Check the maximum non critical threshold level using an appropriate RACADM command. For example, to view the maximum non critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

**RAC1069**

Message: Unable to set minimum non critical threshold value of \( \textit{arg1} \), because the value entered is greater than, or equal to the maximum critical threshold value.

Arguments: \( \textit{arg1} = \text{System Board Inlet Temp} \)

Detailed Description: The minimum non critical threshold value identified in the message cannot be set, because the value entered is greater than, or equal to the maximum critical threshold value.

Recommended Response Action: Check the maximum critical threshold level using an appropriate RACADM command. For example, to view the maximum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
Unable to set the maximum non critical threshold value of arg1, because the value entered is greater than, or equal to the maximum critical threshold value.

Arguments $arg1 = System Board Inlet Temp$

Detailed Description The maximum non critical threshold value identified in the message cannot be set, because the value entered is greater than or equal to the maximum critical threshold value.

Recommended Response Action Check the maximum critical threshold level using an appropriate RACADM command. For example, to view the maximum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category Configuration (RAC = RAC Event)

Severity Severity 2 (Warning)

RAC1071

Unable to set maximum non critical threshold value of arg1, because the value entered is less than, or equal to the minimum non critical threshold value.
Arguments  
arg1 = System Board Inlet Temp

Detailed Description  
The maximum non critical threshold value identified in the message cannot be set, because the value entered is less than or equal to the minimum non critical threshold value.

Recommended Response Action  
Check the minimum non critical threshold level using an appropriate RACADM command. For example, to view the minimum non critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

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RAC1072

Message  
Unable to set maximum non critical threshold value of arg1, because the value entered is less than, or equal to the minimum critical threshold value.

Arguments  
arg1 = System Board Inlet Temp

Detailed Description  
The maximum non critical threshold value identified in the message cannot be set, because the value entered is less than or equal to the minimum critical threshold value.

Recommended Response Action  
Check the minimum critical threshold level using an appropriate RACADM command. For example, to view the minimum critical threshold value of a sensor, run the racadm getsensorinfo command at the command line interface, and then retry the operation. For more information about other RACADM commands, run the racadm help command.

Category  
Configuration (RAC = RAC Event)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert
RAC1073

Message
Unable to reset the threshold value of sensor arg1 because the capability to reset this sensor threshold value is not supported.

Arguments
arg1 = sensor name

Detailed Description
The threshold value of the sensor identified in the message cannot be successfully set because the capability reset the sensor threshold value is not supported.

Recommended Response Action
No response action is required. For more information about resetting the threshold level of a sensor, run the “racadm getsensorinfo” command at the command line interface (CLI), and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC1109

Message
Unable to run the command, because an incorrect Share type is entered.

Detailed Description
Unable to run the command, because an incorrect Share type was entered.

Recommended Response Action
Enter an appropriate Share location of the following types: FTP, NFS, or CIFS. For more information, run the “racadm help update” command.
RAC1110

**Message**
Unable to run the command, because an incorrect Proxy port number was entered.

**Detailed Description**
Unable to run the command, because an incorrect Proxy port number was entered. The Proxy port value must be a positive integer.

**Recommended Response Action**
Enter only numbers for a Proxy port value.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RAC1111

**Message**
Unable to delete the pending values or operations of the specified device.

**Detailed Description**
Unable to clear pending values or operations from the specified storage device because there are no pending operations for the specified device.
Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**RAC1112**

Message
Unable to delete the pending values for the specified device because the iDRAC internal storage is in use by a currently running job.

Detailed Description
Unable to clear the pending state from the attributes for a RAID object. A job is currently running and iDRAC internal storage is in use.

Recommended Response Action
Retry the operation after any currently running jobs have completed. Jobs can be monitored by running the racadm command "racadm jobqueue view".

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**RAC1113**

**Message**
Unable to perform the preview operation because the options -b, -c, -w, and -s must not be used with the --preview option.

**Detailed Description**
The configuration XML preview operation cannot be executed because the -b, -s, and -w options must not be used with the --preview option.

**Recommended Response Action**
Remove the -b, -w, and -s options when using the --preview option and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RAC1114**

**Message**
Configuration XML file preview operation job is initiated. Job ID = arg1

**Arguments**
arg1 = job ID

**Detailed Description**
The configuration XML preview operation was successfully initiated and has generated a job with the job ID identified in the message.

**Recommended Response Action**
Monitor the status of the preview operation job by running the racadm command "racadm jobqueue view -i <job ID>".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1496
## RAC1115

**Message**
Unable to run the command, because of insufficient user privileges.

**Detailed Description**
The command could not be successfully run, because of insufficient privileges for the username supplied.

**Recommended Response Action**
Make sure that you have appropriate privileges, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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## RAC1116

**Message**
Unable to run the command, because the restart flag entered is incorrect.

**Detailed Description**
The command could not be successfully run, because an incorrect "restart flag" value was entered in the command.

**Recommended Response Action**
Enter a correct flag value. The recommended values are "true" and "false". Make sure that you have entered the correct value, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC1117**

**Message**
Unable to run the command.

**Detailed Description**
The operation specified in the command could not be successfully completed.

**Recommended Response Action**
Retry the operation after 2 minutes. If the problem persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1118**

**Message**
Successfully initiated the update operation specified in the command.

**Detailed Description**
Successfully initiated the update operation specified in the command.

**Recommended Response Action**
To know about the status of a command that is initiated, run the following command: racadm jobqueue view -I <job ID>.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)
**RAC1119**

**Message**
Unable to generate a comparison report for the specified repository.

**Detailed Description**
The command could not be successfully run because of one or more of the following reasons: 1. The command does not have "--verifycatalog" in it. 2. The updates available on the repository are not applicable for the operation that is requested.

**Recommended Response Action**
To generate a comparison report, type "--verifycatalog" in the racadm command, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

---

**RAC1120**

**Message**
Unable to run the command, because an incorrect Proxy type is entered.

**Detailed Description**
The command could not be successfully run, because an incorrect Proxy type value was entered for the -pt option.
RAC1121

**Message**
Unable to run the command, because the data entered for connecting to the Proxy server is insufficient.

**Detailed Description**
The command could not be successfully run, because one or more values about the proxy server was not entered.

**Recommended Response Action**
Make sure that you enter the following data, and then retry the operation:
- proxy server address
- proxy user name
- proxy password

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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RAC1122

**Message**
The specified group or object is not supported on the server.
Detailed Description
One or more of the group or component attributes specified in the operation do not exist on the targeted server.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**RAC1123**

Message
Unable to perform the operation because Fibre Channel (FC) attributes are not available in the current server configuration.

Detailed Description
Fibre Channel (FC) objects are not available if Fibre Channel devices are not installed in the server, or if some iDRAC services are busy.

Recommended Response Action
Do the following: 1) Power off and remove AC or DC power from the server. 2) Make sure the Fibre Channel devices are correctly installed in the server. 3) Restart the server to allow the Collect System Inventory On Restart (CSIOR) feature to update the server inventory. 4) Retry the operation. If the issue persists, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RAC1128

Message  The -l option must be specified if -u and -p options are used.

Detailed Description  Any operation involving remote share (CIFS) cannot continue if the location (-l option) is not specified. The -u and -p options represent the user name and password for the remote share, and -l represents the location of the remote share.

Recommended Response Action  Make sure to specify the location (-l option) of the remote share along with the user name and password, and retry the operation. To view the list of options that can used for the required subcommand, run the RACADM command “racadm help <subcommand>”.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

---

RAC1129

Message  Unable to modify the BootOnce object.

Detailed Description  The BootOnce object could not be modified, because the FirstBootDevice object is set to either F10, F11, or BIOS.

Recommended Response Action  Configure the FirstBootDevice object to values other than F10, F11, or BIOS and retry the set operation for the BootOnce object. For more information about possible FirstBootDevice values, run the RACADM command “racadm help idrac.serverboot.firstbootdevice”.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert
**Message**
Unable to complete the operation. This feature is not supported on the currently-used platform.

**Detailed Description**
The requested operation could not be successfully completed because of an unsupported version of BIOS, USC, and/or iDRAC firmware.

**Recommended Response Action**
Verify whether or not a correct version of BIOS, Lifecycle Controller, and/or iDRAC firmware is installed. For more information on the appropriate firmware version required, refer to the RACADM Command Line Reference Guide. Also check if there is a limitation in terms of platforms such as monolithic or modular, and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1130**

---

**Message**
iDRAC was successfully reset.

**Detailed Description**
The iDRAC was reset and is successfully restarted.
RAC1132

Message
Unable to update the firmware. The value entered for an option is invalid.

Detailed Description
The firmware could not be successfully updated, because one or all of the following values are incorrect:
- a. logon ID
- b. IP address of TFTP or FTP server
- c. Full path of the firmware file.

Recommended Response Action
Run the racadm command "racadm help <subcommand>" to get more details about the various options applicable for this command and the values accepted by the command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

---

iDRAC

CMC

---

LC Log

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

---

iDRAC

CMC
RAC1133

Message  BIOSRTDRequested value is modified successfully. The BIOS reset to default values operation is pending a server restart.

Detailed Description  The BIOSRTDRequested attribute was modified successfully. The BIOS reset to default values operation is pending a server restart.

Recommended Response Action  To apply the BIOS default values, restart the server. After the server has restarted, the default BIOS values will be accessible from the iDRAC.

Category  Configuration (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

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RAC1134

Message  Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally.

Detailed Description  Unable to export the Lifecycle log data, because the export file size larger than 25MB and cannot be processed locally.

Recommended Response Action  Export the Lifecycle Log to a network file share. Using the RACADM command line utility, run the lclog export command with --complete option and related network file share parameters, and then retry the operation. For more information about the --complete option, run the “racadm help lclog export” command at the command line interface.

Category  Configuration (RAC = RAC Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert
RAC1135

Message: Unable to run the RACADM command because an internal instrumentation component has stopped functioning.

Detailed Description: The RACADM command could not be run because the internal instrumentation components are either busy or have stopped functioning.

Recommended Response Action: Wait for a minute for the internal instrumentation component to respond, and then retry the operation. If the issue persists, reset the iDRAC by pressing the System ID button for 15 seconds, wait for the iDRAC to finish restarting, and then retry the operation. If the issue continues to persist, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

RAC1136

Message: Remote unattended diagnostic execution operation initiated.

Detailed Description: The remote unattended diagnostic execution operation is initiated.

Recommended Response Action: Using the RACADM command line interface, run the "racadm jobqueue view -i <job id>" command to view the status of the operation.
**RAC1137**

**Message**
Remote unattended diagnostic results export operation initiated.

**Detailed Description**
Remote unattended diagnostic results export operation initiated.

**Recommended Response Action**
Using the RACADM command line interface, run the "racadm jobqueue view -i <job id>" command to view the status of the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC1138**

**Message**
Unable to export the diagnostics results because the results do not exist.

**Detailed Description**
Unable to export the remote diagnostics results because the remote diagnostics results have not been generated.
Recommended Response Action

Using the RACADM command line interface, run the "racadm diagnostics run" command to make sure that the diagnostics results are available, and then retry the operation.

Category

Configuration (RAC = RAC Event)

Severity

Severity 3 (Informational)

Redfish Event Type

Alert

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**RAC1139**

Message

The entered option is not supported by the interface.

Detailed Description

The requested file can be exported from the firmware racadm only to a remote file share.

Recommended Response Action

Create a remote file share to export the file or use remote or local racadm to export to the file system that is accessible by the racadm executable.

Category

Configuration (RAC = RAC Event)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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RAC1140

Message: File name is not required to export the Technical Support Report (TSR) to a remote share.

Detailed Description: The file name cannot be specified when the Technical Support Report (TSR) is exported to a remote share.

Recommended Response Action: Run the command without using the -f option. For more information on exporting Technical Support Report (TSR), run the command racadm help techsupreport export.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RAC1141

Message: The iDRAC firmware rollback operation was initiated.

Detailed Description: The iDRAC firmware rollback operation was initiated.

Recommended Response Action: No response action is required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RAC1142

Message
Unable to start the Remote Diagnostics operation because the Expiration Time entered (difference between Start Time and Expiration Time) is less than five minutes.

Detailed Description
The Remote diagnostic operation cannot be performed because the difference between "Start Time" and "Expiration Time" is less than 5 minutes.

Recommended Response Action
Make sure that the Expiration Time is greater than five minutes, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC1143

Message
Configuration results are not applicable for the job type for Job: arg1.

Arguments
arg1 = job ID

Detailed Description
The job identified in the message is not a configuration job, a configuration XML import or preview type job that generates configuration results.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
RAC1144

Message  The Job: \texttt{arg1} is invalid or is not present in the job queue and a related Lifecycle Log entry is not found.

Arguments  \texttt{arg1} = job ID

Detailed Description  No configuration results information is available for the job ID identified in the message because the job ID is invalid or is not present in the job queue and a related Lifecycle Log entry is not found.

Recommended Response Action  Check the job ID identified in the message and retry the operation with a valid job ID. To check valid job IDs in the current job queue, using RACADM, run the command \texttt{racadm jobqueue view}.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

RAC1145

Message  The entered log type is invalid.

Detailed Description  The value entered for the \texttt{-t} option is invalid.
RAC1146

Unable to set the SNMPv3 username because SNMPv3 is not enabled for the specified user on iDRAC.

The SNMPv3 username cannot be set because SNMPv3 is not enabled for the specified user on iDRAC.

Enable SNMPv3 for the specified user by running the command "racadm set iDRAC.Users.<user index>.SNMPv3Enable 1", and then retry the operation.
RAC1147

Message
Unable to set the SNMPv3 username entered in the command because the username is not present or enabled on iDRAC.

Detailed Description
The SNMPv3 user cannot be set because the user with the entered username for the SNMPv3 group is not present or enabled on iDRAC.

Recommended Response Action
Make sure the specified username is present on iDRAC and enabled, and retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC

LC Log

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

RAC1150

Message
Unable to complete the export operation.

Detailed Description
The export operation did not be complete successfully.

Recommended Response Action
Retry the export operation after five minutes.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC
### RAC1151

**Message**
The export operation is unsuccessful.

**Detailed Description**
The export operation did not complete successfully.

**Recommended Response Action**
Run the RACADM techsupreport collect command again and then retry the export operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC1152

**Message**
The export operation completed successfully.

**Detailed Description**
The export operation completed successfully.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RAC1153

Message: The time stamp is not available to display.
Detailed Description: The time stamp was not recorded for the previous techsupreport collect operation.
Recommended Response Action: Run the RACADM techsupreport collect command. After the techsupreport collect operation completes, run the RACADM getupdatet ime command.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

RAC1154

Message: The requested operation is initiated.
Detailed Description: The requested techsupreport collect or export operation is initiated.
Recommended Response Action: Run the RACADM jobqueue sub-command, using the job id to check the status of the requested operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
**RAC1155**

**Message**  
Unable to complete the operation because Lifecycle Controller is disabled.

**Detailed Description**  
The operation was not completed because Lifecycle Controller is disabled.

**Recommended Response Action**  
Enable the Lifecycle Controller and retry the operation. To enable Lifecycle Controller, run the command racadm set LifeCycleController.LCAtributes.LifecycleControllerState 1.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

---

**RAC1156**

**Message**  
Unable to display the information about the server network interfaces.

**Detailed Description**  
The server network interface information cannot be received because the iDRAC Service Module is not installed or not running on the server operating system (OS) or collection of the OS data is disabled.
Recommended Response Action: Run the command racadm get iDRAC.ServiceModule to check if iDRAC Service Module is installed and running on the server operation system, and the collection of the OS data is enabled.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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RAC1157

Message: Unable to find the specified FQDD.
Detailed Description: The specified FQDD is invalid.
Recommended Response Action: Verify whether or not the entered FQDD is valid. Run the command racadm gethostnetworkinterfaces for the list of valid FQDDs.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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RAC1158

Message: The requested number of log entries exceeds the limit.
The requested number of Lifecycle log entries exceed the limit and cannot be displayed. The remote RACADM operation may time out before retrieving all the log entries.

Retrieve a smaller number of log entries using remote RACADM or use firmware or local RACADM to view all the log entries. To retrieve a limited number of log entries, use the -n option. For example, to view the last 10 log entries, run the command racadm lclog view -n 10.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert

---

Unable to get the requested data from iDRAC.

The data cannot be retrieved from iDRAC because Lifecycle Controller is disabled or a DUP update is in progress.

Do the following: 1) Check if a DUP fw update is progress and wait until it is finished. 2) Make sure the Lifecycle Controller is Enabled. To enable Lifecycle Controller, run the command racadm set LifeCycleController.LCAttributes.LifecycleControllerState 1. 3) Retry the operation.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Alert

---
### RAC1160

**Message**  
Unable to set USB group objects because of insufficient privilege for user account `arg1`.

**Arguments**  
`arg1 = username`

**Detailed Description**  
Unable to set USB group objects because the user account identified in the message does not have the System Control privilege, which is required for this operation.

**Recommended Response Action**  
Contact the iDRAC system administrator and get the System Control privilege added to the account identified in the message or use account credentials that have System Control privilege and retry the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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### RAC1161

**Message**  
Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because the iDRAC Service Module (iSM) is not running.

**Detailed Description**  
Unable to initiate the techsupreport collect operation because the iDRAC Service Module (iSM) is not running.

**Recommended Response Action**  
Run the command `racadm get iDRAC.ServiceModule` to make sure that iDRAC Service Module is installed and running on the server operation system (OS) and also to verify that the collection of the server OS data is enabled.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)
RAC1162

Message: Unable to initiate the techsupreport collect operation for the Tech Support Report (TSR) because another collect operation is in progress.

Detailed Description: The requested techsupreport collect operation cannot be initiated because another techsupreport collect operation for the Tech Support Report (TSR) is in progress.

Recommended Response Action: Wait for the current collect operation to complete before initiating another collect operation. To view the status of the techsupreport collect operation, run the command racadm jobqueue view.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

RAC1163

Message: The peak utilization value of out-of-band performance monitoring sensor arg1 is successfully reset.

Arguments: arg1 = sensor name
Detailed Description: The peak utilization value of out-of-band performance monitoring sensor identified in the message is successfully reset.

Recommended Response Action: No response action required.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC
CMC

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RAC1164

Message: A remote diagnostics operation is currently running and not completed.

Detailed Description: A remote diagnostics operation is already under execution and another operation can be started only after the current execution is completed.

Recommended Response Action: Initiate another diagnostics operation only after the currently running operation is completed.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC
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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC
CMC
RAC1165

Message
Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use.

Detailed Description
Unable to configure the port number that is entered for either http or https ports of the iDRAC Web server, because the port number is already in use.

Recommended Response Action
Enter a port number that is not already in use and retry the operation. If the issue persists, contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RAC1166

Message
Successfully initiated Configuration XML file preview operation that was invoked by arg1.

Arguments
arg1 = user name

Detailed Description
The Configuration XML file preview operation was successfully initiated after it was invoked by the user name identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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### RAC1168

**Message**
The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware.

**Detailed Description**
The RACADM "getconfig" command will be deprecated in a future version of iDRAC firmware.

**Recommended Response Action**
Run the RACADM "racadm get" command to retrieve the iDRAC configuration parameters. For more information on the get command, run the RACADM command "racadm help get".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### RAC1169

**Message**
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**Detailed Description**
The RACADM "config" command will be deprecated in a future version of iDRAC firmware.

**Recommended Response Action**
Run the RACADM "racadm set" command to configure the iDRAC configuration parameters. For more information on the set command, run the RACADM command "racadm help set".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**RAC1170**

**Message**
Unable to find the SSL library in the default path.

**Detailed Description**
Unable to find the SSL library. This can be because, the library is not installed in the default path or no SSL library is installed.

**Recommended Response Action**
If a SSL library is not installed, install one and retry the operation. If a SSL library is installed, create a soft-link of the installed SSL library to "libssl.so" using the linux "ln" command and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RAC1175**

**Message**
Unable to change the user configuration because modifying the user configuration at index 1 is not allowed.

**Detailed Description**
The user configuration cannot be modified, because modification is not allowed at index 1.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (RAC = RAC Event)
**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**LC Log**  LC Log  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

| iDRAC              | ✔          |            |             |                   |             |                  |
| CMC                |            |            |             |                   |             |                  |

**RAC1176**

**Message**  Unable to generate the Certificate Signing Request (CSR) message because all the attributes in the iDRAC.Security group are not configured.

**Detailed Description**  The Certificate Signing Request (CSR) message cannot be generated because all the attributes in the iDRAC.Security group are not configured.

**Recommended Response Action**  Make sure that all the attributes in the iDRAC.Security group are configured. To get the list of attributes, run the following command "racadm get iDRAC.Security".

**Category**  Configuration (RAC = RAC Event)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**LC Log**  LC Log  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

| iDRAC              | ✔          |            |             |                   |             |                  |
| CMC                |            |            |             |                   |             |                  |

**RAC1177**

**Message**  A USB device is attached to the iDRAC.

**Detailed Description**  A USB device is attached to the iDRAC and accessible from the iDRAC.
No response action is required. To attach the USB device to the server instead of the iDRAC, remove the USB device from the front panel USB port, change the USB Management Port mode settings and then reinsert the USB device.

Recommended Response Action

Category   Configuration (RAC = RAC Event)
Severity   Severity 3 (Informational)
Redfish Event Type  Alert

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RAC1178

Message   A USB device is attached to the iDRAC and a configuration XML import operation is in progress.

Detailed Description   A USB device is attached to the iDRAC and a configuration XML import operation is in progress.

Recommended Response Action   Wait until the configuration XML import operation has completed before attempting another operation. Verify the status of the configuration XML import operation by running the RACADM command 'racadm jobqueue view'.

Category   Configuration (RAC = RAC Event)
Severity   Severity 2 (Warning)
Redfish Event Type  Alert

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RAC1179

Message  Unable to complete requested operation because an Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device.

Detailed Description  Unable to complete requested operation because a Type A/A USB cable is connected to the front panel USB port and the iDRAC is emulating a NIC device.

Recommended Response Action  To change the USB Management Port mode setting, remove the Type A/A USB cable from the front panel USB port and change the port mode settings.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

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RAC1180

Message  A USB device is inserted in the front panel USB Management port and is in use by the server operating system.

Detailed Description  A USB Device inserted in the front panel USB Management port and is in use by the server operating system. The device needs to not be in use in order to change the port mode settings.

Recommended Response Action  Remove and reinsert the USB device and retry the operation.

Category  Configuration (RAC = RAC Event)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

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</table>
Unable to change USB Management Port mode.

USB Management Port state cannot be changed because of an unknown hardware or firmware issue.

To change the Management Port mode settings do the following: If a device is present, remove and reinsert the USB device from the front panel USB Management port and retry the operation. If the issue persists restart the iDRAC and retry the operation.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Alert

Unable to retrieve information for the Power group or attribute because the server is not PMBus capable.

The server instrumentation can not provide any information related to power because PMBus capability is not present or the PSU(s) with PMBus capability have been removed.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert
RAC1183

Message
Unable to assign IP addresses 169.254.0.3 and 169.254.0.4 to the device OSBMC USBNIC because the IP addresses entered are reserved for the iDRAC Direct feature.

Detailed Description
The IP addresses 169.254.0.3 and 169.254.0.4 cannot be assigned to the device identified in the message because the IP addresses entered are reserved for the iDRAC Direct feature.

Recommended Response Action
Enter another appropriate IP address, and then retry the operation.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC1184

Message
The getuscvresion RACADM subcommand will be deprecated in a future release.

Recommended Response Action
Instead of getuscvresversion, run the getversion -f lc subcommand.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter | Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔️ | | | | | | 
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | | | | | | 
CMC

**RAC1185**

**Message**: Unable to configure static IPv6 address because an invalid IPv6 address or IPv6 Gateway is entered.

**Detailed Description**: The static IPv6 address is not configured because an invalid IPv6 address or IPv6 Gateway is entered.

**Recommended Response Action**: Enter a valid IPv6 address and IPv6 Gateway, and retry the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

Filter | Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔️ | | | | | | 
CMC

**RAC1186**

**Message**: 1000Mbps speed setting is Read Only and cannot be configured for the iDRAC NIC.
Only possible configurations for the DRAC NIC are 10Mbps and 100 Mbps. For documentation with respect to this setting, refer to the racadm User Guide under cfgNetTuning group.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

No alerts are applicable for this message

Invalid Start Time Entered. Unable to start the Remote Diagnostics operation because the Start Time entered is earlier than the current iDRAC time.

The remote diagnostics operation could not be initiated because the Start Time entered is invalid. It is earlier than the current iDRAC time.

Enter a Start Time that is later than the current iDRAC time and retry the operation. Run the "racadm getractime" command to obtain the current iDRAC time.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

No alerts are applicable for this message

Unable to configure the Upper Non-Critical value for the System Performance sensor.

Unable to configure the Upper Non-Critical value for the System Performance sensor because the value provided is not in valid range.

Specify a value in the range of 0 to 100 to set the upper non-critical value.
**RAC1189**

**Message**
Unable to set the object value for iDRAC Service Module.

**Detailed Description**
The idrac.serviceModule.watchdogtmer object can not be enabled if the OS watchdog timer is already enabled.

**Recommended Response Action**
Disable the object using "racadm set bIOS.integratedDevices.osWatchdogTimer Disabled" Then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC1190**

**Message**
Unable to configure the Provisioning Server feature settings. The required options are either invalid or not provided.

**Detailed Description**
unable to configure the provisioning server
Unable to import the specified file to iDRAC.

The file import operation has failed because of large file size.

The file import operation has timed out, because the file is invalid or is exceeding the permissible size. Retry the operation with a valid file.

The Collect System Inventory On Restart (CSIOR) feature is disabled.
Detailed Description: The Collect System Inventory On Restart (CSIOR) feature is currently disabled. If the system inventory is not up-to-date, the system configuration profile that is being copied will not have the latest inventory information.

Recommended Response Action: To get latest inventory information, cancel the current job, run `racadm set LifecycleController.LCAtributes.CollectSystemInventoryOnRestart 1` to enable CSIOR, and re-initiate the operation.

Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **Remote System Log** | **WS Eventing** | **Redfish Eventing**
---|---|---|---|---|---|---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
---|---|---|---|---|---|---
iDRAC | | | | | | |
CMC | | | | | | |

**RAC1193**

**Message**: Successfully compared the firmware versions on the server to the versions defined in the specified catalog. The server firmware is up to date and matches the catalog definitions.

**Detailed Description**: The server firmware is up to date and matches the catalog definitions.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (RAC = RAC Event)
**Severity**: Severity 3 (Informational)
**Redfish Event Type**: Alert

*No alerts are applicable for this message*

**RAC802**

**Message**: iDRAC time is set using Network Time Protocol.

**Detailed Description**: iDRAC time has been set through Network Time Protocol (NTP).
RAC913

**Message**
Unable to login to RAC using the specified address

**Detailed Description**
The management system could not login to the iDRAC.

**Recommended Response Action**
Verify whether the username and password given for the iDRAC are correct.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

RAC914

**Message**
Value specified is invalid: Must be 0 (Off) or 1 (On).

**Detailed Description**
The specified value is not within the valid range. To set the LED state to off, enter 0. To set the LED state to on, enter 1.

**Recommended Response Action**
Set the numeric value to 0 (Off) or 1 (On).

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message
### RAC915

**Message**: Unable to change auto-negotiation property for the NIC.

**Detailed Description**: The auto-negotiation property for the iDRAC NIC can be changed only if the NIC is in dedicated mode. To change the NIC mode to dedicated, an iDRAC Enterprise license is required.

**Recommended Response Action**: Change the NIC mode to dedicated mode by using `racadm set idrac.nic.selection <1 | Dedicated>`, and retry the operation.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

### RAC916

**Message**: Value given exceeds the maximum threshold value.

**Detailed Description**: The value given is greater than the maximum threshold value.

**Recommended Response Action**: Set values lesser than the maximum threshold value. To view the maximum threshold value, run `racadm get System.Power.Cap.MaxThreshold` at the command prompt.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

### RAC917

**Message**: The syntax of the specified command is not correct.

**Detailed Description**: The syntax of the specified command is incorrect.

**Recommended Response Action**: See the command help text. To see the help text, run `racadm help <subcommand>`.

**Category**: Configuration (RAC = RAC Event)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*
**RAC918**

**Message**
Unable to get the inlet temperature data.

**Detailed Description**
Racadm unable to obtain the inlet temperature data. This happens if there is no data populated in the temperature tables or if the underlying instrumentation does not return valid values.

**Recommended Response Action**
Wait for the underlying instrumentation to populate the thermal tables. Retry the operation.

**Category**
System Health (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC919**

**Message**
Copy to remote share unsuccessful. Remote share might be write protected.

**Detailed Description**
Racadm could not export the inlet temperature history file to the specified remote share. This is because the specified share may be write-protected.

**Recommended Response Action**
To export the file, change the permissions on the remote share. Else, create another share with write permissions.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RAC920**

**Message**
This interface does not support the specified option.

**Detailed Description**
From firmware racadm, the inlet temperature history can be exported only to a remote file share.

**Recommended Response Action**
Create a remote file share to export the inlet temperature history. Else, use remote/local racadm to export to the file system accessible by the racadm executable.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### RAC921

**Message**  
The temperature history can be exported in XML or CSV format only.

**Detailed Description**  
The file type specified (with the t parameter) is invalid. The temperature history can be exported in XML or CSV.

**Recommended Response Action**  
Change the requested export file type to either XML or CSV. To do this, change the argument given to the t parameter. The argument given to the parameter is case-insensitive.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### RAC922

**Message**  
Specified path is too long.

**Detailed Description**  
The specified path (specified with the l parameter) for the remote share is too long. This path should be less than 256 characters in length.

**Recommended Response Action**  
Try the same command with a different remote share location, which is less than 256 characters in length.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### RAC923

**Message**  
The file path is too long.

**Detailed Description**  
The specified file path (specified with the f parameter) is too long. This path should be less than 64 characters in length.

**Recommended Response Action**  
Try the same command with a shorter file path (specified with the f parameter) which is less than 64 characters in length.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
RAC924

Message  Inlet temperature history exported successfully.
Detailed Description  The inlet temperature history was successfully exported to the specified file.
Recommended Response Action  No response action is required.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC925

Message  Recurrence interval is not applicable for this subcategory.
Detailed Description  An alert recurrence cannot be set for the specified subcategory. The alert recurrence is applicable only to the TMPS subcategory.
Recommended Response Action  1. Check if the alert recurrence is applicable to this subcategory. To check this run racadm eventfilters get. 2. To set the notifications for the specified subcategory, run the command without the -r option.
Category  Configuration (RAC = RAC Event)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

RAC926

Message  The recurrence interval needs to be an integer from 0 to 365.
Detailed Description  The value given for the recurrence interval is invalid. It has to be a value from 0 to 365.
Recommended Response Action  Change the argument of r to a value from 0 to 365 and then run the same command.
Category  Configuration (RAC = RAC Event)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
RAC927

Message: Recurrence value modified successfully.
Detailed Description: The recurrence value was successfully modified to the specified value.
Recommended Response Action: None.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC928

Message: Unable to modify the recurrence value.
Detailed Description: Racadm unable to set the recurrence value. This occurs if the underlying instrumentation do not set the value.
Recommended Response Action: Wait for a few minutes and retry the command. If the problem persists, contact the service provider.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RAC929

Message: Invalid category or subcategory specified.
Detailed Description: The category or subcategory specified is incorrect. The recurrence interval is applicable only to the TMPS subcategory and system category.
Recommended Response Action: See the command help text, for a list of valid categories.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
RAC930

Message
Unable to export the inlet temperature data.

Detailed Description
Racadm is currently unable to obtain the inlet temperature data. This happens if there is no data populated in the temperature tables or if the instrumentation does not return valid values.

Recommended Response Action
Wait for the instrumentation to populate the thermal tables. Retry the operation. If the problem persists, contact the service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

RAC936

Message
Unable to change the hot spare property for the PSU.

Detailed Description
iDRAC cannot enable or disable the hot spare property, because the system has a non-PMBus PSU.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

RAC937

Message
Successfully initiated configuration XML file import operation that was invoked by the arg1.

Arguments
arg1 = user name
The configuration XML file import operation was successfully initiated after it was invoked by the user specified in the message.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert

iDRAC ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

Successfully initiated configuration XML file export operation invoked by the arg1.

arg1 = user name

The configuration XML file export operation was successfully initiated after it was invoked by the user specified in the message.

No response action is required.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert

iDRAC ✔ ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

1542
### RAC939

**Message**  
Unable to start the system configuration profile export or import operation.

**Detailed Description**  
The request to perform a system profile export or import operation cannot be started because a firmware update operation is already in progress.

**Recommended Response Action**  
Wait until the update operation is completed or cancel the update operation, and retry.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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### RAC940

**Message**  
Unable to start the system configuration profile export or import operation.

**Detailed Description**  
If an existing system profile import or export job is running, then a system configuration profile backup or restore operation cannot be started.

**Recommended Response Action**  
Wait until the existing system profile export or import job is completed or cancel the job before retrying the operation.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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</table>
Successfully initiated the export operation. This operation may take several minutes to complete.

A system configuration profile export operation may take several minutes to complete depending on the system configuration.

Monitor the job status using "racadm jobqueue view -i <Job ID>".

Configuration (RAC = RAC Event)
Severity 3 (Informational)
Alert

Successfully initiated the import operation. This operation may take several minutes to complete and may cause multiple system restarts while device firmware and configuration are applied.

The system configuration profile import operation is initiated. No other operations can be performed on the system while the system configuration server profile is being imported from the system configuration profile.

Monitor the job status using "racadm jobqueue view -i <Job ID>".

Configuration (RAC = RAC Event)
Severity 3 (Informational)
Alert
Warning: Collect System Inventory On Restart (CSIOR) feature is disabled.

The Collect System Inventory On Restart (CSIOR) feature is currently disabled. If the system inventory is not up-to-date, the system configuration profile that is being copied will not have the latest inventory information.

To get latest inventory information, cancel the current export job, run `racadm set LifecycleController.LCAtributes.CollectSystemInventoryOnRestart 1` to enable CSIOR, and re-initiate the export operation.

A configuration job cannot be created if Lifecycle Controller is disabled.

Run `racadm set LifecycleController.LCAtributes.LifecycleControllerState 1` to enable Lifecycle Controller, and retry the operation.
Severity 2 (Warning)

Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

RAC945

Message Invalid object value specified.

Detailed Description The dedicated NIC or shared NIC scan time value is not between 5 and 255 seconds.

Recommended Response Action Make sure to set the scan time value between 5 and 255 seconds, and retry the operation. For more information, see RACADM help.

Category Configuration (RAC = RAC Event)

Severity 2 (Warning)

Redfish Event Type Alert

<table>
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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC
CMC

RAC946

Message Unable to set the NIC to Auto Dedicated NIC mode.

Detailed Description The “Auto Dedicated NIC” mode cannot be set for a NIC if the NIC selection mode is set to “Dedicated NIC”.

Recommended Response Action To set the NIC to Auto Dedicated NIC mode, set NIC selection mode to “Shared NIC”, and retry the operation.
RAC947

Message
Invalid object value specified.

Detailed Description
The value used for the object set operation is invalid.

Recommended Response Action
Make sure to specify the value depending on the type of object. For more information, see RACADM help.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

RAC948

Message
Unable to send the notification for the specified event to the configured destination.

Detailed Description
A test event notification for the specified message ID was not sent to the configured destination.
Recommended Response Action: Make sure to use a valid message ID, set the required notification filter, and retry the operation. If the issue persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  CMC

**RAC949**

Message: Successfully added a work note to the Lifecycle Log.

Detailed Description: The specified work note was added to the Lifecycle Log.

Recommended Response Action: View the work notes using the racadm lclog view c worknotes command.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

iDRAC  CMC

**RAC950**

Message: Unable to add the work note to the Lifecycle Log.
The work note cannot be added to the Lifecycle Log if iDRAC is archiving the older records in the Lifecycle Log.

Wait for several minutes while iDRAC archives the older records, and then retry the operation. If the issue persists, contact your service provider.

Configuration (RAC = RAC Event)

Severity 2 (Warning)

Alert

The number of characters entered for the work note exceeds the supported limit.

Up to 256 characters are allowed for a work note.

Do not exceed 256 characters in the work note, and retry the operation.

Configuration (RAC = RAC Event)

Severity 3 (Informational)

Alert
RAC952

Message
There is no free space to add new work notes to the Lifecycle Log.

Detailed Description
The allocated size for the Lifecycle Log entries has reached its maximum limit, and no further work notes can be added to the Lifecycle Log.

Recommended Response Action
Contact your service provider.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RAC953

Message
Successfully added the comment.

Detailed Description
The comment was added to the specified entry in the Lifecycle Log.

Recommended Response Action
View the added comment using the racadm lclog view q <seq. no> -n 1 command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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### RAC954

**Message**
The number of characters entered for the comment exceeds the supported limit.

**Detailed Description**
Up to 128 characters are allowed for a comment.

**Recommended Response Action**
Do not exceed 128 characters for the comment, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC955

**Message**
Unable to retrieve the information related to the specified record in the Lifecycle Log.

**Detailed Description**
The specified record does not exist in the Lifecycle Log.

**Recommended Response Action**
Run the racadm lclog view -i command to get the sequence number of the records logged in the Lifecycle Log, and retry the command with a valid sequence number.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### RAC956

**Message**
There is no free space to add new comments to the Lifecycle Log.

**Detailed Description**
The allocated size for the Lifecycle Log entries has reached its maximum limit, and no further comments can be added to the Lifecycle Log.

**Recommended Response Action**
Contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### RAC957

**Message**
An import or export operation is currently in progress.

**Detailed Description**
Another import or export operation cannot be started until the current operation is complete.

**Recommended Response Action**
Wait until the current import or export operation is complete before starting another operation. Use the racadm jobqueue view command to check the status of the current import or export operation.

**Category**
Configuration (RAC = RAC Event)
**RAC958**

**Message**  
Unable to start the import or export operation because a job is already running.

**Detailed Description**  
The import or export operation cannot be started because a job is already running. Wait for the currently running job to complete and then retry the operation. The currently running job can be an update, backup, export or other job type. To view the status of currently running job using the RACADM command line interface, run the racadm jobqueue view command.

**Category**  
Configuration (RAC = RAC Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

**Filter Visibility**  
iDRAC ✔

**CMC**

**RAC959**

**Message**  
Invalid file used for configuration XML file import operation.

**Detailed Description**  
The content of the configuration XML file used for import is invalid because of incorrect modifications or content.
**Recommended Response Action**
Correct the modifications to the configuration XML file to be imported or specify the correct file, and retry the operation. Check the Lifecycle Log for more details.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC960**

**Message**
Unable to find the specified configuration XML file for import.

**Detailed Description**
The configuration XML file specified for import cannot be located in the specified repository.

**Recommended Response Action**
Make sure the specified file name is correct and is located in the specified repository, and retry the operation. For more information about the syntax, run "racadm help set" to view RACADM help.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC961**

**Message**
A pending or committed system configuration change exists.
Another import operation cannot be started if an import operation that was performed earlier has some pending or committed configuration changes.

Wait until the configuration changes are applied before starting another import operation. Use the racadm jobqueue view command to check the status of the current import operation.

Configuration (RAC = RAC Event)
Severity 3 (Informational)
Alert

Lifecycle Controller must be enabled to run the operation.
Enable the Lifecycle controller using the racadm set LifeCycleController.LCAtributes.LifecycleControllerState 1 command, and retry the operation.
Configuration (RAC = RAC Event)
Severity 3 (Informational)
Alert

Unable to continue with the operation because Lifecycle Controller is in recovery state,
Lifecycle Controller must be enabled to run the operation.
Enable the Lifecycle controller using the racadm set LifeCycleController.LCAtributes.LifecycleControllerState 1 command, and retry the operation.
Configuration (RAC = RAC Event)
Severity 3 (Informational)
Alert
RAC963

Message: Unable to retrieve the status of Lifecycle Controller.

Detailed Description: iDRAC is unable to read Lifecycle Controller status. Lifecycle Controller must be enabled to run the operation.

Recommended Response Action: Run the racadm get LifeCycleController.LCAtributes.LifecycleControllerState command to get the status of the Lifecycle Controller. If the issue persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RAC964

Message: Unable to perform the operation.

Detailed Description: The operation cannot be performed because of an internal error.

Recommended Response Action: Wait for some time before retrying the operation. If the issue persists, contact your service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RAC965

Message The -l option must be specified if -u and -p are used.
Detailed Any operation involving remote share (CIFS) cannot continue if the location (-l) is not specified. The u and p options represent the user name and password for the remote share, and -l represents the location of the remote share.
Recommended Make sure to specify the location (-l) of the remote share along with the user name and password, and retry the operation. To view the list of options that can be used for the required subcommand, use the racadm help <subcommand> command.
Category Configuration (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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RAC966

Message Unable to continue with the operation because the user name or password is not specified.
Detailed Any operation involving remote share (CIFS) cannot continue if user name, password, or both are not specified. The u and p options represent the user name and password for the remote share.
Recommended Make sure to specify both user name and password for the remote share, and retry the operation. To view the list of options that can be used for the required subcommand, use the racadm help <subcommand> command.
Category Configuration (RAC = RAC Event)
Severity Severity 3 (Informational)
Redfish Event Type Alert
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iDRAC | ✔ | | | | | |
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | | | | | | |
CMC

**RAC967**

**Message**
Exporting the configuration XML file to a local share is not supported when using Firmware RACADM.

**Detailed Description**
The configuration XML file can only be exported to a remote share while using Firmware RACADM.

**Recommended Response Action**
When using Firmware RACADM, make sure to export the configuration XML file to a remote share only.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RAC968**

**Message**
Importing the configuration XML file from a local share is not supported when using Firmware RACADM.

**Detailed Description**
The configuration XML file cannot be imported from a client location when using Firmware RACADM.

**Recommended Response Action**
When using Firmware RACADM, make sure to import the configuration XML file from a remote share only.

**Category**
Configuration (RAC = RAC Event)
RAC969

Message: Incorrect value specified for the shutdown option.

Detailed Description: The import operation cannot continue if the value specified for the shutdown option (-b) is incorrect. The supported values are “Graceful” and “Forced”.

Recommended Response Action: Make sure to specify either “Graceful” or “Forced” for the shutdown (-b) option.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC970

Message: Incorrect value specified for the end power state option.

Detailed Description: The import operation cannot continue if the value specified for the end power state of the system option (-s) is incorrect. The supported values are “On” and “Off”.

Recommended Response Action: Make sure to specify either “On” or “Off” for the end power state (-s) option.
**RAC971**

**Message**
Incorrect file type specified.

**Detailed Description**
The import or export operation cannot continue if the value specified for the file type is incorrect. The correct value for the file type is "xml" or "ini".

**Recommended Response Action**
Make sure to specify either "xml" or "ini" for the file type (-t) option. If no file type is specified, "ini" is used as default.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC972**

**Message**
Insufficient privileges to run the configuration XML file import or export operations.

**Detailed Description**
Configuration XML import and export operations require the specified username to have administrator role privileges.
**RAC973**

**Message**
The imported configuration XML file matches the current system configuration.

**Detailed Description**
The configuration XML file which was specified for import, had the same configuration as the current system configuration.

**Recommended Response Action**
Make any desired system configuration changes to the configuration XML file and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC974**

**Message**
Invalid wait time specified.
**Detailed Description**
The value specified for the wait time (w) option is invalid. The valid range is 300 to 3600 seconds.

**Recommended Response Action**
Make sure to specify a valid wait time (-w) option and retry the command. The range of supported values are 300 to 3600 seconds.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RAC975**

**Message**
Invalid share type specified.

**Detailed Description**
The share type specified using the l parameter is invalid. Only CIFS or NFS share types are supported for this operation.

**Recommended Response Action**
See the subcommand help text for supported share types.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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RAC976

Message: Export configuration XML file operation initiated.
Detailed Description: The configuration XML file export operation was initiated.
Recommended Response Action: Use the racadm jobqueue view i <Job ID> command to view the status of the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

---

RAC977

Message: Import configuration XML file operation initiated.
Detailed Description: The configuration XML file import operation was initiated.
Recommended Response Action: Use the racadm jobqueue view i <Job ID> command to view the status of the operation.
Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
Unsupported Lifecycle Controller firmware version detected.

- **Message**: The Lifecycle Controller firmware version on the target system does not support the configuration XML file import or export operations.
- **Recommended Response Action**: Update to the latest Lifecycle Controller firmware and retry the operation.
- **Category**: Configuration (RAC = RAC Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

Successfully uploaded the custom signing certificate to iDRAC.

- **Message**: The custom signing certificate was extracted from the Public Key Cryptography Standards version 12 (PKCS12) file and applied to the system configuration.
- **Recommended Response Action**: No response action required.
- **Category**: Configuration (RAC = RAC Event)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert
RAC981

Message: The type of certificate specified does not require a passphrase.

Detailed Description: A passphrase is required only for passphrase protected certificate, which is specified using the value of 3 for the -t option.

Recommended Response Action: If the file being uploaded is passphrase protected, specify the file type as 3 using the -t option. If the file is not passphrase protected, retry the command, without specifying the -p option.

Category: Configuration (RAC = RAC Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RAC982

Message: Invalid Public Key Cryptography Standards version 12 (PKCS12) file detected.

Detailed Description: The PKCS12 file provided is invalid, because it may not be in the correct format.

Recommended Response Action: For more details, contact the Certificate Authority.

Category: Configuration (RAC = RAC Event)
RAC983

Message
Invalid passphrase provided for the Public Key Cryptography Standards version 12 (PKCS12) file.

Detailed Description
The Public Key Cryptography Standards version 12 (PKCS12) file is passphrase protected, and the passphrase provided is invalid.

Recommended Response Action
Specify the correct passphrase for the file using -p option.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

RAC984

Message
Unable to upload the Public Key Cryptography Standards version 12 (PKCS12) file.

Detailed Description
iDRAC is unable to extract the custom signing certificate and the private key from the Public Key Cryptography Standards version 12 (PKCS12) file.
**Recommended Response Action**
Check if the specified file and passphrase are valid, and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Message**
Unable to configure the `cfgServerBootOnce` object.

**Detailed Description**
The object "cfgServerBootOnce" cannot be configured if the object "cfgServerFirstBootDevice" is set to F10, F11, or BIOS value.

**Recommended Response Action**
Change the value of the object "cfgServerFirstBootDevice" using the RACADM command "racadm config -g cfgServerInfo -o cfgServerFirstBootDevice<value other than F10, F11, and BIOS>", and retry configuring the object "cfgServerBootOnce".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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**RAC985**

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**Message**
Unable to configure the `cfgServerBootOnce` object.

**Detailed Description**
The object "cfgServerBootOnce" cannot be configured if the object "cfgServerFirstBootDevice" is set to F10, F11, or BIOS value.

**Recommended Response Action**
Change the value of the object "cfgServerFirstBootDevice" using the RACADM command "racadm config -g cfgServerInfo -o cfgServerFirstBootDevice<value other than F10, F11, and BIOS>", and retry configuring the object "cfgServerBootOnce".

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RAC986

**Message** The "vmkey" sub-command is deprecated.

**Detailed Description** The “vmkey” sub-command is deprecated, and the functionality is available using "vflashsd" sub-command.

**Recommended Response Action** Use "vflashsd" sub-command instead of "vmkey". For more information about the sub-command, use "racadm help vflashsd" command.

**Category** Configuration (RAC = RAC Event)

**Severity** Severity 2 (Warning)

**Redfish Event Type** Alert

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### RAC987

**Message** Firmware update job for arg1 is initiated.

**Arguments** arg1 = file name

**Detailed Description** After initiating the firmware update job, the time taken to complete it depends on size of the update file.

**Recommended Response Action** This firmware update job may take several minutes to complete depending on the component or firmware being updated. To view the progress of the job, use the ‘racadm jobqueue view’ command.

**Category** Configuration (RAC = RAC Event)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert

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Unable to initiate the firmware update.

Arguments: \( \text{arg1} = \text{file name} \)

Detailed Description: A new firmware update job cannot be initiated while an existing firmware update job is still in one of these states: "New", "Downloading", or "Running".

Recommended Response Action: Wait until the existing firmware update jobs are completed or scheduled before retrying the operation. To monitor the status of the existing jobs, use the "racadm jobqueue view" command.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Unable to apply the firmware update.

Arguments: \( \text{arg1} = \text{file name} \)

Detailed Description: Only Windows-based Update Package (.exe extension), iDRAC Firmware (.d7 extension), Personality Module Firmware (.pm extension), Lifecycle Controller firmware repair package (.usc) are supported for the firmware update operation.

Recommended Response Action: The file used for the operation is invalid. For the list of supported files, use "racadm help update". For the correct version of the file specific to the system, contact the service provider.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)
RAC990

Message Unable to apply the arg1 update.
Arguments arg1 = file name
Detailed Description If Lifecycle Controller is disabled, the firmware update operation cannot continue.
Recommended Response Action Enable Lifecycle Controller using the “racadm set lifecyclecontroller.lcattributes.lifecyclecontrollerstate 1” command, and retry the operation.
Category Configuration (RAC = RAC Event)
Severity Severity 2 (Warning)

RAC991

Message Unable to run the “jobqueue” command.
Detailed Description The “jobqueue” command cannot be run, because the existing update jobs are transitioning to one of these states: “New”, “Downloading”, or “Running”.

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Recommended Response Action: Wait until the existing update jobs are completed before retrying the operation. To monitor the status of the existing jobs, use the “racadm jobqueue view” command.

Category: Configuration (RAC = RAC Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**RAC992**

Arguments: arg1 = job ID
Detailed Description: The job ID specified in the message is invalid or was already deleted.
Recommended Response Action: To monitor the current set of the jobs, use the “racadm jobqueue view” command.
Category: Configuration (RAC = RAC Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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RAC993

Message
The job: arg1 was deleted.

Arguments
arg1 = job ID

Detailed Description
The job ID specified in the message was deleted.

Recommended Response Action
No response action is required.

Category
Configuration (RAC = RAC Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter
Visibility
IPMI
Alert
SNMP
Alert
Email
Alert
Remote
System
Log
WS
Eventing
Redfish
Eventing

iDRAC ✔

CMC

Filter
Visibility
LC
Log
LCD
OS
Log
Power
Off
Power
Cycle
Reset
Chassis
Event
Proxy

iDRAC

CMC

RAC994

Message
Unable to run the “jobqueue delete --all” command.

Detailed Description
The jobs cannot be deleted if they are in one of these states: “Scheduled” or “Running”. However, all jobs in one of these states: “Completed” or “Failed” will be deleted.

Recommended Response Action
To monitor the job status, use the “racadm jobqueue view -i <job ID>”, and delete the jobs one at a time using the “racadm jobqueue delete -i <job ID>” command.

Category
Configuration (RAC = RAC Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter
Visibility
IPMI
Alert
SNMP
Alert
Email
Alert
Remote
System
Log
WS
Eventing
Redfish
Eventing

iDRAC ✔

CMC
### RAC995

**Message**
Unable to retrieve the hardware inventory.

**Detailed Description**
The hardware inventory cannot be retrieved because another hardware inventory operation may already be in progress or due to an internal error whether or not Collect System Inventory On Restart (CSIOR) is enabled or disabled.

**Recommended Response Action**
Another hardware inventory operation may already be in progress and must complete before retrying the operation. If no other hardware inventory operation was in progress, make sure to enable Collect System Inventory On Restart (CSIOR) feature, reboot the system, and retry the operation. If CSIOR is already enabled and no other hardware inventory operation was in progress, reboot the iDRAC using “racadm racreset” command and then retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RAC996

**Message**
Unable to set the object value because the DNS RAC Name object is not configured.

**Detailed Description**
Unable to set the specified object value because the object DNS RAC Name is not configured.

**Recommended Response Action**
Configure DNS Rac Name using "racadm set iDRAC.NIC.DNSRacName <Name>" command, and retry the operation.

**Category**
Configuration (RAC = RAC Event)

**Severity**
Severity 2 (Warning)
RAC997

Message: The object DNSDomainFromDHCP cannot be enabled.

Detailed Description: The DHCP for Domain Name cannot be enabled if IPv4 and IPv4 DHCP or IPv6 and IPv6 AutoConfig is disabled.

Recommended Response Action: Make sure that IPv4 and IPv4 DHCP are enabled, or IPv6 and IPv6 AutoConfig are enabled.

Category: Configuration (RAC = RAC Event)

Severity: Severity 2 (Warning)

RAC998

Message: IPv6 cannot be enabled.

Detailed Description: IPv6 cannot be enabled if iDRAC NIC is disabled.

Recommended Response Action: Enable iDRAC NIC using ‘racadm set iDRAC.NIC.Enable < 1 | Enabled >’ command and retry the operation.

Category: Configuration (RAC = RAC Event)
The object DNSFromDHCP6 cannot be enabled.

DNSFromDHCP6 cannot be enabled if iDRAC IPv6 AutoConfig is disabled.

Enable IPv6 AutoConfig using "racadm set iDRAC.IPv6.AutoConfig < 1 | Enabled >" command, and retry the operation.
**RDU Event Messages**

**RDU0001**

Message: The fans are redundant.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (RDU = Redundancy)

Severity: Severity 3 (Informational)

Trap/EventID: 2475

OMSA Event ID: 5304

OMSA Trap ID: 5304

Redfish Event Type: Alert

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**RDU0002**

Message: Fan redundancy is lost.

Detailed Description: One of more fans have failed or have been removed or a configuration change occurred which requires additional fans.

Recommended Response Action: Remove and re-install failed fans or install additional fans.

Category: System Health (RDU = Redundancy)

Severity: Severity 1 (Critical)
Trap/EventID 2473
LCD Message Fan redundancy is lost. Check fans.
Redfish Event Type Alert

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RDU0003

Message Fan redundancy is degraded.
Detailed Description One of more fans have failed or have been removed or a configuration change occurred which requires additional fans.
Recommended Response Action Remove and re-install failed fans or install additional fans.
Category System Health (RDU = Redundancy)
Severity Severity 2 (Warning)
Trap/EventID 2474
OMSA Event ID 5305
OMSA Trap ID 5305
Redfish Event Type Alert

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RDU0004

**Message**
The fans are not redundant.

**Detailed Description**
One or more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response Action**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2475

**Redfish Event Type**
Alert

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RDU0005

**Message**
The fans are not redundant. Insufficient resources to maintain normal operations.

**Detailed Description**
One or more fans have failed or have been removed or a configuration change occurred which requires additional fans.

**Recommended Response Action**
Remove and re-install failed fans or install additional fans.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2473

**Redfish Event Type**
Alert

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RDU0011

Message: The power supplies are redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (RDU = Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2475
OMSA Event ID: 5304
OMSA Trap ID: 5304
Redfish Event Type: Alert

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RDU0012

Message: Power supply redundancy is lost.
Detailed Description: The current power operational mode is non-redundant because of a power supply exception, a power supply inventory change, or a system power inventory change. The system was previously operating in a power redundant mode.
Recommended Response Action: Check the event log for power supply failures. Review system configuration and power consumption.
Category: System Health (RDU = Redundancy)
Severity: Severity 1 (Critical)
Trap/EventID 2473
LCD Message Lost PSU redundancy. Check PSU cables
OMSA Event ID 5306
OMSA Trap ID 5306
Redfish Event Type Alert

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**RDU0013**

**Message**
Power supply redundancy is degraded.

**Detailed Description**
The current power operational mode is non-redundant because of a power supply exception, a power supply inventory change, or a system power inventory change. The system was previously operating in a power redundant mode.

**Recommended Response Action**
Check the event log for power supply failures. Review system configuration and power consumption.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID** 2474

**LCD Message**
PSU redundancy degraded. Check PSU cables

**OMSA Event ID** 5305

**OMSA Trap ID** 5305

**Redfish Event Type** Alert

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RDU0014

Message
The power supplies are not redundant.

Detailed Description
The current power supply configuration does not meet the platform requirements to enable redundancy. If a power supply fails the system may shut down.

Recommended Response Action
If unintended, review system configuration and power consumption and install power supplies accordingly. Check power supply status for failures.

Category
System Health (RDU = Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2475

Redfish Event Type
Alert

---

RDU0015

Message
The power supplies are not redundant. Insufficient resources to maintain normal operations.

Detailed Description
The system may power down or operate in a performance degraded state.

Recommended Response Action
Check the event log for power supply failures. Review system configuration and power consumption and upgrade or install power supplies accordingly.

Category
System Health (RDU = Redundancy)

Severity
Severity 1 (Critical)

Trap/EventID
2473

LCD Message
PSUs are not redundant. Insufficient resources. Check PSU cables.
Redfish Event Type: Alert

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RDU0016

Message: The storage voltage is redundant.

Detailed Description: The storage voltage is redundant.

Recommended Response Action: No response action is required

Category: System Health (RDU = Redundancy)

Severity: Severity 3 (Informational)

Trap/EventID: 2475

Redfish Event Type: Alert

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RDU0017

Message: The storage power redundancy is no longer available.

Detailed Description: The storage system has redundant power lines. One of power lines is no longer available.
RDU0018

Message
The storage power redundancy is degraded.

Detailed Description
The storage system has multiple redundant power lines. One or more of these power lines is no longer available.

Recommended Response Action
Turn system off and remove AC input power for one minute. Re-apply input power and turn system on. If the issue still persists, contact your service provider. Refer to the product documentation to choose a convenient contact method.

Category
System Health (RDU = Redundancy)

Severity
Severity 2 (Warning)

Trap/EventID
2474

Redfish Event Type
Alert

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1583
RDU0019

Message: The storage voltage is not redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (RDU = Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2475
Redfish Event Type: Alert

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RDU0020

Message: Power supply redundancy is disabled.
Detailed Description: Redundancy is not currently enabled for the power supplies.
Recommended Response Action: No response action is required.
Category: System Health (RDU = Redundancy)
Severity: Severity 3 (Informational)
OMSA Event ID: 5302
Redfish Event Type: Alert

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1584
RDU0021

**Message**
Unable to determine the redundancy status of the power supply units.

**Detailed Description**
One of the power supply units have failed.

**Recommended Response Action**
Replace the failed power supply with a new power supply.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5301

**Redfish Event Type**
Alert

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RDU0022

**Message**
Fan redundancy is disabled.

**Detailed Description**
Redundancy is not currently enabled for the fans.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5302

**Redfish Event Type**
Alert
RDU0023

Message: Unable to determine the redundancy status of the fans.
Detailed Description: One or more fans are non-functional or may have failed.
Recommended Response Action: Check that all fans are working properly. Replace any non-functional fan with a new fan.
Category: System Health (RDU = Redundancy)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

RDU0030

Message: The storage voltage of \texttt{arg1} is redundant.
Arguments: \texttt{arg1} = device name
Detailed Description: The storage voltage of the device identified in the message is redundant.
Recommended Response Action: No response action is required.
Category: System Health (RDU = Redundancy)
Severity       Severity 3 (Informational)
Trap/EventID   2475
Redfish Event Type  Alert

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**RDU0031**

**Message**  The arg1 voltage redundancy is lost.
**Arguments**  arg1 = name
**Detailed Description**  The system has redundant voltage lines. One of voltage line is no longer available.
**Recommended Response Action**  1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
**Category**  System Health (RDU = Redundancy)
**Severity**  Severity 1 (Critical)
Trap/EventID   2473
Redfish Event Type  Alert

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1587
RDU0032

Message
The arg1 voltage redundancy is degraded.

Arguments
arg1 = name

Detailed Description
The system has multiple redundant voltage lines. One or more of these voltage lines is no longer available.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (RDU = Redundancy)

Severity
Severity 2 (Warning)

Trap/EventID
2474

Redfish Event Type
Alert

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RDU0033

Message
The arg1 voltage is not redundant.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required

Category
System Health (RDU = Redundancy)

Severity
Severity 3 (Informational)

Trap/EventID
2475

Redfish Event Type
Alert
### RDU8500

**Message**
CMC arg1 : active

**Arguments**
arg1 = slot number

**Detailed Description**
The CMC is identified in the message is active.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### RDU8501

**Message**
CMC arg1 : waiting to be reset by other CMC

**Arguments**
arg1 = slot number

**Detailed Description**
The Active CMC has detected a problem or a low memory condition. It is waiting for the Standby CMC to reset the Active CMC.

**Recommended Response Action**
No response action is required.
Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**RDU8502**

**Message**: CMC arg1 cannot go standby since the other CMC is not present or healthy.

**Arguments**: arg1 = slot number

**Detailed Description**: For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

**Recommended Response Action**: Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

Category: Audit (RDU = Redundancy)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RDU8506

Message
CMC arg1 : enable failover

Arguments
arg1 = slot number

Detailed Description
CMC failover is enabled.

Recommended Response Action
No response action is required.

Category
Audit (RDU = Redundancy)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC ✔

RDU8507

Message
CMC arg1 : disable failover

Arguments
arg1 = slot number

Detailed Description
CMC failover is disabled.

Recommended Response Action
No response action is required.

Category
Audit (RDU = Redundancy)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC
### RDU8508

**Message**  
CMC arg1 : cannot failover since the other CMC is non-functional.

**Arguments**  
arg1 = slot number

**Detailed Description**  
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

**Recommended Response Action**  
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**  
Audit (RDU = Redundancy)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### RDU8509

**Message**  
CMC arg1 : cannot failover, chassis is in non-redundant state

**Arguments**  
arg1 = slot number

**Detailed Description**  
For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.

**Recommended Response Action**  
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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RDU8510

Message: CMC arg1 : cannot failover, CMC firmware versions are different
Argument: arg1 = slot number
Detailed Description: For failover to occur, the standby CMC needs to be present, at the same version as the primary and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC is absent, unhealthy or at a different firmware version.
Recommended Response Action: Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.
Category: Audit (RDU = Redundancy)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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**RDU8511**

**Message**
Unable to failover, CMC arg1 in unknown state.

**Arguments**
arg1 = slot number

**Detailed Description**
For failover, the standby CMC needs to be present, at the same firmware version as the primary CMC and healthy. During failover, the active CMC resets and the standby CMC becomes active. This message is logged when the standby CMC does not meet this criteria.

**Recommended Response Action**
Check the status of the standby CMC and make sure the firmware version matches the primary CMC. Then reseat the CMC and retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RDU8512**

**Message**
CMC arg1 : firmware versions are different [ arg2 arg3 : arg4 arg5 ]

**Arguments**
arg1 = slot number, arg2 = local fw version, arg3 = factory revision, arg4 = remote version, arg5 = factory revision

**Detailed Description**
The firmware versions of the Active CMC and the Standby CMC are different.

**Recommended Response Action**
Update the firmware so that the Active and Standby CMC firmware versions are the same.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
RDU8513

Message        CMC arg1 : firmware versions are same arg2 arg3
Arguments      arg1 = slot number, arg2 = fw version, arg3 = factory revision
Detailed Description The firmware version of Active CMC and Standby CMC are the same.
Recommended Response Action No response action is required.
Category       Audit (RDU = Redundancy)
Severity       Severity 3 (Informational)
Redfish Event Type Alert
**RDU8515**

**Message**
CMC arg1 : failover was initiated by internal health monitoring process.

**Arguments**
arg1 = slot number

**Detailed Description**
A CMC failover was initiated by the CMC health monitoring process. There should be a reason listed in the chassis log.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RDU8516**

**Message**
CMC arg1 : failover initiated by RACADM interface.

**Arguments**
arg1 = slot number
A failover has been requested from the RACADM command line interface.

No response action is required.

Audit (RDU = Redundancy)

Severity 3 (Informational)

Alert

CMC

CMC arg1 : no action allowed while firmware update is in progress

arg1 = slot number

No failover or other action can occur while a CMC firmware update is in progress.

No response action is required. Wait until the firmware update is complete and retry the operation.

Audit (RDU = Redundancy)

Severity 3 (Informational)

Alert
RDU8518

Message  CMC arg1 : active CMC arg2 requests Standby CMC to go active state.
Arguments  arg1 = slot number, arg2 = slot number
Detailed Description  The active CMC requests the Standby CMC to go active. If the user did not initiate this request, review the chassis log for the reason.
Recommended Response Action  No response action is required.
Category  Audit (RDU = Redundancy)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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RDU8519

Message  Unable to communicate with peer CMC arg1 .
Arguments  arg1 = slot number
Detailed Description  The communication between the primary and standby CMCs was lost. This may occur when the CMC identified in the message is restarting, or a firmware update operation is in progress. If the issue persists, a failover will occur.
Recommended Response Action  Wait for 10 minutes for: 1) Firmware update operations to complete and 2) The CMC to finish restarting. If the communication is not reestablished, remove and reinset the CMC.
Category  Audit (RDU = Redundancy)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert
RDU8520

Message  CMC \textit{arg1} : recovered from unhealthy state
Arguments  \textit{arg1} = slot number
Detailed Description  The standby CMC is recovered from unhealthy state by the monitoring daemon.
Recommended Response Action  No response action is required.
Category  Audit (RDU = Redundancy)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

RDU8521

Message  CMC \textit{arg1} : active CMC has been removed
Arguments  \textit{arg1} = slot number
Detailed Description  The active CMC has been removed from the chassis. If standby CMC is present, it will become active.
Recommended Response Action  Reinstall the CMC that was removed.
**RDU8522**

**Message**
CMC \( \text{arg1} \) : standby CMC \( \text{arg2} \) became active

**Arguments**
\( \text{arg1} = \) slot number, \( \text{arg2} = \) slot number

**Detailed Description**
The standby CMC identified in the message became the active CMC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (RDU = Redundancy)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**RDU8523**

**Message**
CMC \( \text{arg1} \) : reset by peer CMC

**Arguments**
\( \text{arg1} = \) slot number
The CMC identified in the message was reset by other CMC. This occurs during failover and CMC firmware update to the standby CMC.

No response action is required.

Audit (RDU = Redundancy)

Severity 3 (Informational)

iDRAC

CMC

CMC arg1 : failover is not allowed

arg1 = slot number

CMC failover action is not allowed in the current configuration.

No response action is required.

Audit (RDU = Redundancy)

Severity 3 (Informational)
# RED Event Messages

## RED000

**Message**
Unrecognized error code encountered.

**Detailed Description**
An unknown error was returned.

**Recommended Response Action**
Check the uniform resource identifier (URI) target path and make sure the repository server is available.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert

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## RED001

**Message**
Job completed successfully.

**Detailed Description**
Job completed successfully.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

**Redfish Event Type**
Alert
### RED002

**Message**  
Package successfully downloaded.

**Detailed Description**  
Package has been successfully downloaded. The Job Scheduler will schedule it at the time specified.

**Recommended Response Action**  
Schedule the job if it is not already scheduled.

**Category**  
Updates (RED = FW Download)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
6211

**Redfish Event Type**  
Alert

---

### RED003

**Message**  
Downloading package.

**Detailed Description**  
Package is being downloaded.

**Recommended Response Action**  
Schedule the job if it is not already scheduled.

**Category**  
Updates (RED = FW Download)
**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
6211

**Redfish Event Type**  
Alert

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**RED004**

**Message**  
The job cannot be run because of an unknown issue.

**Detailed Description**  
The job cannot be run because of an unknown issue.

**Recommended Response Action**  
Check the uniform resource identifier (URI), target path and make sure the repository server is available.

**Category**  
Updates (RED = FW Download)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
6210

**Redfish Event Type**  
Alert

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**RED005**

**Message**  
The specified URI is invalid.
Detailed Description: The uniform resource identifier (URI) specified for the share location is invalid.

Recommended Response Action: Provide a valid uniform resource identifier (URI) for the share location.

Category: Updates (RED = FW Download)

Severity: Severity 2 (Warning)

Trap/EventID: 6210

Redfish Event Type: Alert

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RED006

Message: Unable to download Update Package.

Detailed Description: The Update Package cannot be successfully downloaded.

Recommended Response Action: Check the network connection and access to the update package from the iDRAC.

Category: Updates (RED = FW Download)

Severity: Severity 2 (Warning)

Trap/EventID: 6210

Redfish Event Type: Alert

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RED007

Message  Unable to verify Update Package signature.
Detailed Description  The Update Package security signature cannot be verified.
Recommended Response Action  Re-acquire the Update Package from the service provider.
Category  Updates (RED = FW Download)
Severity  Severity 2 (Warning)
Trap/EventID  6210
Redfish Event Type  Alert

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RED008

Message  Unable to extract payloads from Update Package.
Detailed Description  The firmware payloads in the Update Package cannot be extracted. This may be because the file is not valid or the security signature cannot be verified.
Recommended Response Action  Re-acquire the Update Package from the service provider.
Category  Updates (RED = FW Download)
Severity  Severity 2 (Warning)
Trap/EventID  6210
Redfish Event Type  Alert

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RED009

**Message**
Lifecycle Controller is not present.

**Detailed Description**
Lifecycle Controller is not present.

**Recommended Response Action**
Verify if Lifecycle Controller is installed on the system by pressing F10 on boot up.
If the Lifecycle Controller application is not present, use the update package to reinstall it.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert

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RED010

**Message**
The target specified is invalid.

**Detailed Description**
The target specified is invalid.

**Recommended Response Action**
Correct the target information and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert
### RED0101

**Message**
Rollback successful.

**Detailed Description**
The firmware was rolled back to the previous version.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

### RED011

**Message**
USC version is not compatible.

**Detailed Description**
Current USC version does not support this component. Check InstanceID

**Recommended Response Action**
Use the latest version of USC available if possible.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert
RED012

**Message**
Unable to create Lifecycle Controller update task.

**Detailed Description**
Unable to create a Lifecycle Controller update task. The related job status is marked Failed.

**Recommended Response Action**
Retry the update operation after one minute.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert

---

RED013

**Message**
The DUP specified is not compatible with the target device.

**Detailed Description**
The DUP specified is not compatible with the target device.

**Recommended Response Action**
Download and use the DUP that matches the device being targeted.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert
RED014

Message: Job for this device is already present.

Detailed Description: A job for this update already exists in the queue and prevents the new job from being scheduled.

Recommended Response Action: Delete the existing job before scheduling a new update job. For Remote Services API consumers, enumerate all the jobs to find and identify the duplicate job. Then invoke the DeleteJob() method to delete this job and enable the new update job to be scheduled.

Category: Updates (RED = FW Download)

Severity: Severity 2 (Warning)

Trap/EventID: 6210

Redfish Event Type: Alert

RED015

Message: The download protocol specified is not supported.

Detailed Description: The download protocol specified is not supported.

Recommended Response Action: The supported protocols include NFS, CIFS, HTTP, FTP, TFTP.
**RED016**

**Message**
Mount of remote share failed.

**Detailed Description**
The remote share location that has the file(s) or ISO image did not mount correctly.

**Recommended Response Action**
1. Verify that the path to the share is correct and that the parameters to the call are correct. 2. Verify that there are no network connectivity issues. 3. Verify that the mount point exists.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
6210

**Redfish Event Type**
Alert
**RED017**

**Message**
The DUP specified is not compatible with the target system.

**Detailed Description**
The DUP specified is not compatible with the target system.

**Recommended Response Action**
Download and use the DUP that matches the system that the installation is targeting.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RED018**

**Message**
Reinstall or Rollback not supported for this device.

**Detailed Description**
Reinstall or Rollback not supported for this device.

**Recommended Response Action**
1. Update the device directly using the update methods since rollback is not supported for this device. 2. Verify that the target specified in the command is correct.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**RED019**

**Message**
Reinstall or Rollback cannot be performed since no applicable firmware was found on the Lifecycle Controller.

**Detailed Description**
Reinstall or Rollback cannot be performed since no applicable firmware was found on the Lifecycle Controller.

**Recommended Response Action**
Directly update to the desired version.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RED020**

**Message**
Feature not supported on current version of USC.

**Detailed Description**
The feature invoked is not supported by the current version of the Unified Server Configurator.

**Recommended Response Action**
Upgrade Unified Server Configurator to the latest available version before using this feature.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**RED021**

**Message**
The component InstanceID specified is not present on the system.

**Detailed Description**
The component InstanceID specified could not be located on the system.

**Recommended Response Action**
Ensure the component specified for updates is present in the system. Restart the system with Collect System Inventory on Restart enabled and verify that the component is represented by an instance of DCIM_SoftwareIdentity.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**RED022**

**Message**
Version compatibility check was not successful.

**Detailed Description**
The version compatibility check of the firmware update package was not successful for the device specified.

**Recommended Response Action**
The version compatibility check was not successful for the device specified. Verify that the firmware version pre-requisites specified in the release notes are satisfied.

**Category**
Updates (RED = FW Download)
RED023

Message Lifecycle Controller in use. This job will start when Lifecycle Controller is available.

Detailed Description The Lifecycle Controller is unable to access internal storage currently in use by another operation.

Recommended Response Action Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server and then Job Queue, check the job queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation. If OS Deploy has been enabled then boot the server into LC UI to clear. Always exit LC UI using "Exit" and not by removing power.

Category Updates (RED = FW Download)

Severity Severity 2 (Warning)

Redfish Event Type Alert
RED024

Message: The specified job starts when Lifecycle Controller is available.

Detailed Description: Lifecycle Controller is in use or currently processing another job. The specified job starts when Lifecycle Controller is available.

Recommended Response Action: Wait for current Lifecycle Controller task to complete.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RED025

Message: arg1 firmware updated successfully. Current version: arg2

Arguments: arg1 = device name, arg2 = firmware version

Detailed Description: The firmware for the indicated device updated successfully to the identified firmware version.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

LCD Message: <device name> <firmware version> Updated successfully.

Redfish Event Type: Alert

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1616
### RED026

**Message**
An internal error occurred while processing updates.

**Detailed Description**
An internal error occurred while processing the current update. The update did not complete successfully.

**Recommended Response Action**
Retry the current operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### RED027

**Message**
Insufficient space to upload the requested file.

**Detailed Description**
The temporary storage is full. The uploaded files must be installed to clear space for additional uploads.

**Recommended Response Action**
Select and install the currently uploaded files before uploading additional files.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RED028

**Message**
Update files were not selected.

**Detailed Description**
Update files were not selected, therefore the installation did not proceed.

**Recommended Response Action**
Select one or more update files to install.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**RED029**

**Message**
A reboot is pending.

**Detailed Description**
This task will reboot the system at the scheduled start time.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)
**RED030**

**Message**
Reboot is complete.

**Detailed Description**
The system reboot is complete.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type** Alert

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**RED031**

**Message**
Approaching maximum size limit allowed for storing firmware images.

**Detailed Description**
The internal space available for storing firmware images is almost full. Normal operations will continue until the critical limit is reached. When the critical limit is reached, all the rollback firmware images will be deleted.

**Recommended Response Action**
No response action is required.
RED032

**Message**
Reached maximum size limit allowed for storing firmware images. Deleted all rollback firmware images.

**Detailed Description**
The rollback firmware images previously stored were deleted to provide space for storing the firmware images for the requested operation. All the rollback firmware images are deleted.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

RED033

**Message**
Unable to reboot system.
Detailed Description
The request to shut down the operating system did not complete successfully. The iDRAC was unable to complete the system reboot. Any operation that depends on the system reboot will not complete until reboot is complete.

Recommended Response Action
Identify and resolve any operating system issues that prevented the shutdown. After resolving the issues preventing the operating system shutdown, retry the operation or reboot the system using other methods or interfaces.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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**RED034**

Message
Firmware update in progress.

Detailed Description
A firmware update operation is currently in progress.

Recommended Response Action
Check the firmware update job status. Wait for the current job to complete.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RED035

Message  

Arguments  
arg1 = component, arg2 = firmware version, arg3 = firmware version

Detailed Description  
The firmware for the component identified in the message was updated successfully by the firmware rollback operation. The component firmware was updated from the earlier version to the current version identified in the message.

Recommended Response Action  
No response action is required.

Category  
Updates (RED = FW Download)

Severity  
Severity 3 (Informational)

LCD Message  
<device name> <previous firmware version> <new firmware version> rollback successful

Redfish Event Type  
Alert

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RED036

Message  
Firmware updates are available: arg1

Arguments  
arg1 = component name

Detailed Description  
Firmware updates are available for component identified in the message in the specified remote repository and it is recommended to update to the firmware available in the repository.

Recommended Response Action  
Update the component firmware to the version available in the specified remote repository.

Category  
Updates (RED = FW Download)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert
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**RED037**

**Message**
All components firmware match with the specified remote repository.

**Detailed Description**
The currently installed firmware of the components on the server match with the specified remote repository.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RED038**

**Message**
A recurring task of type arg1 is added.

**Arguments**
arg1 = task type

**Detailed Description**
An Automatic Server Profile Export or Automatic Update task identified in the message has been added.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)
Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was added.

Redfish Event Type: Alert

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**RED039**

Message: Settings for a recurring operation of type **arg1** were cleared.

Arguments: **arg1** = operation label

Detailed Description: Settings for an Automatic Server Profile Backup, Automatic Update, or other recurring operations identified in the message were cleared. The recurring operation identified in the message is deleted.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

LCD Message: <task type> A recurring task was removed.

Redfish Event Type: Alert

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1624
**RED040**

**Message**
A recurring operation of type \( \text{arg1} \) created a job \( \text{arg2} \).

**Arguments**
\( \text{arg1} = \) operation type, \( \text{arg2} = \) job ID

**Detailed Description**
The job identified in the message was created by an Automatic Server Profile Backup, Automatic Update, or other recurring operation.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
\(<\text{task type}> \ <\text{job ID}> \) A recurring task created a job.

**Redfish Event Type**
Alert

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**RED041**

**Message**
A recurring operation of type \( \text{arg1} \) was not created because the required license is not available.

**Arguments**
\( \text{arg1} = \) operation type

**Detailed Description**
The license required to perform the operation identified in the message is expired or is not available.

**Recommended Response Action**
Install an iDRAC license that supports the following features: Automatic Update or Server Profile Export and Import. After the appropriate license has been installed, retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
\(<\text{task type}> \) A recurring task was not created because the required license is not present.

**Redfish Event Type**
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**RED042**

**Message**
A recurring operation of type *arg1* was not created because the necessary user access rights are not available.

**Arguments**
*arg1 = operation type*

**Detailed Description**
The necessary user access rights for performing the operation identified in the message are not available for the username used to access the iDRAC.

**Recommended Response Action**
Use a username that has the necessary access rights and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**LCD Message**
<task type> A recurring task was not created because the required user authority is not present.

**Redfish Event Type**
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**RED043**

**Message**
A recurring operation of type *arg1* was not created because the operation type is disabled.

**Arguments**
*arg1 = operation type*
The operation identified in the message is currently disabled.

Enable the operation identified in the message and retry the operation. To enable the Automatic Server Profile Backup operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoBackup 1". To enable the Automatic Update operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoUpdate 1".

Updates (RED = FW Download)

Severity 3 (Informational)

A recurring task was not created because the task type is disabled.

Install an iDRAC license that supports the following features: Automatic Update or Server Profile Export and Import. After the appropriate license has been installed, retry the operation.

Updates (RED = FW Download)

Severity 3 (Informational)

A recurring task was unable to create a job because the required license is no longer present.

Alert
RED045

Message
A recurring operation of type arg1 was unable to create a job because the necessary user access rights are not available now.

Arguments
arg1 = operation task

Detailed Description
The necessary user access rights for performing the operation identified in the message were removed or the username was removed and the iDRAC is unable to create the next job in the sequence.

Recommended Response Action
Use a username that has the necessary access rights and retry the operation.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

LCD Message
<task type> A recurring task was unable to create a job because the required user authority is no longer present.

Redfish Event Type
Alert

RED046

Message
A recurring operation of type arg1 was unable to create a job because the task type is now disabled.

Arguments
arg1 = operation type
The operation identified in the message was disabled and the iDRAC was unable to create the next job in the sequence.

Enable the operation identified in the message and retry the operation. To enable the Automatic Server Profile Backup operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoBackup 1". To enable the Automatic Update operation, run the following racadm command: "racadm set lifecycleController.lcattributes.AutoUpdate 1".

Updates (RED = FW Download)

Severity 3 (Informational)

A recurring operation arg1 was not created because the operation is already configured.

arg1 = operation type

An Automatic Server Profile Backup or Automatic Update operation is already configured.

Clear the existing configuration settings for the operation identified in the message and retry the operation.

Updates (RED = FW Download)

Severity 3 (Informational)

A recurring task was not created because a task of that type is already present.

Alert
**RED048**

**Message**

The job \textit{arg1} was deleted because the recurring operation \textit{arg2} was cleared.

**Arguments**

\textit{arg1} = job ID, \textit{arg2} = operation type

**Detailed Description**

The next job in the recurring operation sequence identified in the message was not started and was deleted, because an Automatic Server Profile Backup or Automatic Update operation was cleared.

**Recommended Response Action**

No response action is required.

**Category**

Updates (RED = FW Download)

**Severity**

Severity 3 (Informational)

**LCD Message**

\textless job ID\textgreater \textless task type\textgreater The given job was deleted because the recurring task of the given type was removed.

**Redfish Event Type**

Alert

---

**RED049**

**Message**

The job \textit{arg1} is deleted because the recurring operation \textit{arg2} is currently not enabled.

**Arguments**

\textit{arg1} = job ID, \textit{arg2} = operation type
When an Automatic Backup or Automatic Update recurring operation is disabled or the license for this feature is expired, the next job in the sequence had not started yet and was deleted.

No response action is required.

Updates (RED = FW Download)

Severity 3 (Informational)

The given job was deleted because the recurring task of the given type was no longer enabled.

No response action is required.

Updates (RED = FW Download)

Severity 2 (Warning)

The specified user credentials necessary for downloading an update package were not correct.

Check the network connection and access to the update package from the iDRAC. Verify that the user access credentials and proxy server settings are correct.

The download of the update package was not successful because the user name or password provided to access the network share or the proxy server settings were not correct.

The specified user credentials necessary for downloading an update package were not correct.
RED051

Message: The network file transfer of an update package was not successful.

Detailed Description: The update package file download was not successful. This could be due to the following: 1) The update package file is missing, 2) The host address, share, user name, and password information are correct but the file name was invalid, 3) The network file share could not be mounted, or 4) The network file share disconnected before the transfer was complete.

Recommended Response Action: Check the network connection and access to the update package from the iDRAC.

Category: Updates (RED = FW Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RED052

Message: Processing of update packages is starting.

Detailed Description: Processing of update packages is starting. Attempting a manual update will not be possible until current update package processing is completed.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
RED053

Message: Processing of update packages has completed.

Detailed Description: Processing of update packages has completed.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

RED054

Message: An update job arg1 was created.

Arguments: arg1 = job ID

Detailed Description: A job for applying an update package was created.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)
**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**RED055**

**Message**  A reboot job arg1 was created.

**Arguments**  arg1 = job ID

**Detailed Description**  A reboot job for applying one or more update packages has been created. The server will reboot at the specified start time.

**Recommended Response Action**  No response action is required.

**Category**  Updates (RED = FW Download)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**RED056**

**Message**  An internal error occurred. Unable to complete the specified operation.

**Detailed Description**  An internal error occurred because of insufficient memory available on iDRAC.
Recommended Response Action
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RED057

Message
An internal error occurred. Unable to complete the specified operation.

Detailed Description
An internal error occurred because of insufficient memory available on iDRAC.

Recommended Response Action
Retry the operation. If the issue persists, reset the iDRAC and retry the operation.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RED058

Message
A repository update job arg1 was created.
Arguments  
arg1 = job ID

Detailed Description  
A repository update job with the job ID identified in the message was created.

Recommended Response Action  
No response action is required.

Category  
Updates (RED = FW Download)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

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RED059

Message  
Unable to create an update job for arg1.

Arguments  
arg1 = component name

Detailed Description  
Unable to create an update job for the component identified in the message.

Recommended Response Action  
Retry the operation for the component identified in the message.

Category  
Updates (RED = FW Download)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

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### RED060

**Message**
The specified repository catalog is not supported.

**Detailed Description**
The specified repository catalog is either not supported or the structure is incorrect. Only Windows Update Packages are supported by iDRAC and Lifecycle Controller for the operation. If the structure is incorrect, either the expected elements are not present, or unexpected elements are present in the catalog XML file. The catalog XML file should be generated by the Repository Manager tool.

**Recommended Response Action**
Check the repository catalog file name and contents. Rebuild the catalog XML file using Repository Manager by selecting Windows Update Packages only, and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### RED061

**Message**
The job is successfully scheduled.

**Detailed Description**
The job is successfully scheduled. The job will automatically start at the specified start time.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1637
RED062

Message: Unable to successfully authenticate user credentials to the specified repository.

Detailed Description: Unable to successfully authenticate. The username or password entered is incorrect, or HTTP server does not support BASIC or Digest authentication types.

Recommended Response Action: Verify username, password and server authentication type. To manually update, retry the operation.

Category: Updates (RED = FW Download)

Severity: Severity 2 (Warning)

Trap/EventID: 2572

Redfish Event Type: Alert

RED063

Message: The iDRAC firmware updated successfully. Previous version: arg1, Current version: arg2

Arguments: arg1 = available firmware version, arg2 = installed firmware version

Detailed Description: The iDRAC firmware updated successfully to the firmware version identified in the message.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 3 (Informational)

LCD Message: IDRAC <firmware version> Updated successfully.
### RED064

**Message**
The scheduled Update from Repository job completed successfully. Applicable updates were not found.

**Detailed Description**
A scheduled Update from Repository completed and no applicable updates were found.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

**Redfish Event Type**
Alert

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### RED065

**Message**
The recurring scheduled update from repository job completed and updates were applied. A system restart was not required.

**Detailed Description**
The recurring scheduled update from repository job completed and updates were applied. A system restart was not required.
Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

Trap/EventID
6211

Redfish Event Type
Alert

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**RED066**

**Message**
The recurring scheduled update from repository job completed and updates are staged to run after the next system restart.

**Detailed Description**
The recurring scheduled update from repository job completed and updates are staged to run after the next system restart.

**Recommended Response Action**
A system restart is required to apply the staged updates.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
6211

**Redfish Event Type**
Alert

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RED067

**Message**  
The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates.

**Detailed Description**  
The recurring scheduled update from repository job completed and updates were staged. The system will now restart to apply the staged updates.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (RED = FW Download)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
6211

**Redfish Event Type**  
Alert

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RED068

**Message**  
Unable to successfully complete `arg1 : arg2`

**Arguments**  
`arg1` = job ID, `arg2` = job result message

**Detailed Description**  
Unable to successfully complete the job identified in the message.

**Recommended Response Action**  
For more information about the job, view the job queue.

**Category**  
Updates (RED = FW Download)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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RED070

Message
Unable to configure the Automatic Backup schedule.

Detailed Description
Unable to configure the Automatic Backup schedule due to invalid input parameters.

Recommended Response Action
Verify the input parameters to the set Automatic Backup schedule method are correct and retry the operation.

Category
Configuration (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RED071

Message
Unable to get the Automatic Backup schedule information.

Detailed Description
Unable to get the Automatic Backup schedule information because the schedule is not configured.

Recommended Response Action
Configure the Automatic Backup schedule.

Category
Configuration (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

RED072

Message
Unable to delete the Automatic Backup schedule.

Detailed Description
Unable to delete the Automatic Backup schedule information because the schedule is not configured.

Recommended Response Action
Configure the Automatic Backup schedule.

Category
Configuration (RED = FW Download)

Severity
Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

RED073

Message: The input value entered for the parameter \texttt{arg1} is invalid.

Arguments: \texttt{arg1 = parameter}

Detailed Description: The operation did not complete successfully because of an invalid value for the parameter identified in the message.

Recommended Response Action: Verify the value for the parameter identified in the message is valid and retry the operation.

Category: Configuration (RED = FW Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RED074

Message: A required parameter is not present.

Detailed Description: The operation did not complete successfully because the required parameters were not present in the method invocation.

Recommended Response Action: Verify that all required parameters for the method are present and retry the operation.

Category: Configuration (RED = FW Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

RED075

Message: An Automatic Backup schedule already exists.

Detailed Description: The Automatic Backup schedule operation could not be successfully created because the Automatic Backup schedule configuration already exists.

Recommended Response Action: Check the Automatic Backup schedule to verify if it is accurate or delete the existing schedule and retry the operation.

Category: Configuration (RED = FW Download)

Severity: Severity 2 (Warning)
**RED076**

**Message**
Unable to create an Automatic Update schedule, because an invalid parameter is entered.

**Detailed Description**
Unable to create the Automatic Update schedule because an input parameter is invalid.

**Recommended Response Action**
Verify the values for all the input parameters are correct and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RED077**

**Message**
Unable to get the Automatic Update schedule information.

**Detailed Description**
Unable to get the Automatic Update schedule information because the schedule is not configured.

**Recommended Response Action**
Configure the Automatic Update schedule.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RED078**

**Message**
Unable to delete the Automatic Update schedule.

**Detailed Description**
Unable to delete the Automatic Update schedule information because the schedule is not configured.

**Recommended Response Action**
Configure the Automatic Update schedule.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
**RED079**

**Message**
The input value entered for the parameter `arg1` is invalid.

**Arguments**
`arg1 = parameter`

**Detailed Description**
The operation did not complete successfully because of an invalid value for the parameter identified in the message.

**Recommended Response Action**
Verify the value for the parameter identified in the message is valid and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RED080**

**Message**
The required parameter `arg1` is not present.

**Arguments**
`arg1 = parameter`

**Detailed Description**
The operation did not complete successfully because the required parameters identified in the message is not present in the method invocation.

**Recommended Response Action**
Verify that all required parameters for the method are present and retry the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**RED081**

**Message**
The Automatic Update schedule already exists.

**Detailed Description**
The requested operation was not successful because an Automatic Update schedule already exists.

**Recommended Response Action**
Delete the existing Automatic Update schedule operation before retrying the operation.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)
RED082

Message
The requested job cannot be scheduled, because job schedule type such as Automatic Backup or Automatic Update is not enabled.

Detailed Description
The Automatic Update or Automatic Backup feature is disabled.

Recommended Response Action
Enable the correct job schedule type, and then retry the operation. For example, to enable the Automatic Update feature, select the Enable Automatic Update option.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

RED083

Message
The Chassis firmware is not updated because the version currently on the Chassis is same as the requested version.

Detailed Description
The Chassis firmware is not updated because the firmware version currently on the Chassis is same as the requested version.

Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)
<table>
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<th>RED084</th>
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<th>RED086</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to update the Chassis firmware because of an issue in the network communication between iDRAC and CMC.</td>
<td>Unable to update the Chassis firmware, communication with Chassis Management Controller took more time than expected.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The Chassis firmware cannot be updated because of an issue in the communication between iDRAC and CMC.</td>
<td>The Chassis firmware cannot be updated because communication between iDRAC and CMC took more time than expected.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Verify the status of CMC by accessing the CMC and making sure it is functioning and responding and then retry the operation. For more information about troubleshooting a CMC issue, see the CMC User Manual. If the issue persists, contact your service provider.</td>
<td>Verify the status of CMC by accessing the CMC and making sure it is functioning and responding and then retry the operation. For more information about troubleshooting a CMC issue, see the CMC User Manual. If the issue persists, contact your service provider.</td>
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Recommended Response Action
Make sure that the Chassis Management at Server attribute is set to Monitor and Configure, and then retry the operation. To set the correct attribute using Chassis Management Controller (CMC) GUI, navigate to Chassis Overview, then Setup, then General, and then click on the Chassis management at Server attribute to select the correct value.

Category Updates (RED = FW Download)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

RED087

Message Unable to update the Chassis firmware, Allow CMC Updates Through OS and Lifecycle Controller is set to Disabled.
Detailed Description Unable to update the Chassis firmware because the Allow CMC Updates Through OS and Lifecycle Controller setting is set to Disabled.
Recommended Response Action Make sure that the Allow CHC Updates Through OS and Lifecycle Controller setting is set to Enabled, and then retry the operation. Using the iDRAC Web UI, select iDRAC > Update, click on the Settings tab, select Enabled for the setting and then click Apply button.
Category Updates (RED = FW Download)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

RED088

Message Unable to update the Chassis firmware because an update operation is already in progress.
Detailed Description The Chassis firmware cannot be updated because an update operation is already in progress.
Recommended Response Action Wait until the current update operation is completed, and then retry the operation.
Category Updates (RED = FW Download)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message
**RED089**

**Message**
A Chassis firmware update operation is in progress.

**Detailed Description**
A Chassis firmware update operation is in progress. Any attempt to update Chassis firmware during this period will be unsuccessful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**

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**RED090**

**Message**
A Chassis firmware update operation is no longer in progress.

**Detailed Description**
A Chassis firmware update operation is no longer in progress. This is not an indication of success or failure.

**Recommended Response Action**
No response action is required.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**iDRAC**

**CMC**
RED091

Message: Unable to install Lifecycle Controller firmware.
Detailed Description: Unable to install Lifecycle Controller firmware.
Recommended Response Action: Reinstall the iDRAC7 firmware (DUP) to repair Lifecycle Controller. For more information, see Lifecycle Controller Users Guide.
Category: Updates (RED = FW Download)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

RED092

Message: The arg1 firmware updated successfully. Previous version: arg2 , Current version: arg3
Arguments: arg1 = component name, arg2 = available firmware version, arg3 = installed firmware version
Detailed Description: The firmware for the component identified in the message was updated successfully to the firmware version identified in the message.
Recommended Response Action: No response action is required.
Category: Updates (RED = FW Download)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
RED093

Message
The requested job cannot be scheduled because Lifecycle Controller is not enabled.

Detailed Description
Lifecycle Controller is not enabled and must be enabled in order for scheduled jobs to be created.

Recommended Response Action
Enable Lifecycle Controller and retry the operation. Lifecycle Controller can be enabled by using the F2 System Setup by pressing F2 during server startup, then select iDRAC Settings > Lifecycle Controller and enable the Lifecycle Controller feature. Retry the operation after the server restarts.

Category
Updates (RED = FW Download)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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RED094

Message
Updating firmware for arg1 from version arg2 to version arg3.

Arguments
arg1 = component name, arg2 = available firmware version, arg3 = installed firmware version

Detailed Description
The firmware for the component identified in the message is being updated to the firmware version identified in the message.

Recommended Response Action
No response action is required.

Category
Updates (RED = FW Download)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
RED095

Message: Update of rSPI was not successful after the Diagnostics package was updated.

Detailed Description: An item named rSPI that is dependent on the Diagnostics package was not updated successfully when the Diagnostics package was updated.

Recommended Response Action: No response action is required.

Category: Updates (RED = FW Download)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

RED096

Message: The maximum iDRAC storage space allocated for storing firmware image files is reached. The firmware image of the earlier version that was stored for a rollback operation is now deleted.

Detailed Description: The maximum iDRAC storage space allocated for storing firmware image files is reached. The firmware image of the earlier version that was stored for a rollback operation is now deleted.

Recommended Response Action: No response action is required.
RED097

**Message**
Unable to complete the firmware update operation because the specified firmware image is for a component that is not in the target system inventory.

**Detailed Description**
Unable to complete the firmware update operation because the specified firmware image is for a component that is not in the target system inventory.

**Recommended Response Action**
Identify and download the firmware version that corresponds to the component being updated in the target system inventory, and retry the operation. For a list of supported firmware versions, refer to the iDRAC Users Guide available on the support site.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**No alerts are applicable for this message**

RED098

**Message**
Unable to complete the firmware update operation because the specified firmware image is not compatible with the target system model.

**Detailed Description**
Unable to complete the firmware update operation because the specified firmware image is not compatible with the target system.

**Recommended Response Action**
Identify and download the firmware version that corresponds to the system model being updated, and retry the operation. For a list of supported firmware versions, refer to the iDRAC Users Guide available on the support site.

**Category**
Updates (RED = FW Download)

**Severity**
Severity 2 (Warning)
## Redfish Event Type

Alert

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RFL Event Messages

**RFL2000**

**Message**
Internal Dual SD Module arg1 is present.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2211

**Redfish Event Type**
Alert

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**RFL2002**

**Message**
Internal Dual SD Module arg1 is offline.

**Arguments**
arg1 = name

**Detailed Description**
The SD card module is installed but may be improperly installed or configured incorrectly.

**Recommended Response Action**
Reinstall the SD module.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 2 (Warning)
RFL2003

Message Internal Dual SD Module arg1 is online.
Arguments arg1 = name
Detailed Description None
Recommended Response Action No response action is required.
Category System Health (RFL = IDSDM Media)
Severity Severity 3 (Informational)
Trap/EventID 2211
Redfish Event Type Alert

RFL2004

Message Failure detected on Internal Dual SD Module arg1.
Arguments
arg1 = name

Detailed Description
The SD card module is installed but improperly configured or failed to initialize.

Recommended Response Action
Reinstall the SD module and remove and reinstall SD cards.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 1 (Critical)

Trap/EventID
2209

LCD Message
Internal Dual SD Module <name> failed. Check SD Card

OMSA Event ID
5300

Redfish Event Type
Alert

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RFL2005

Message
Internal Dual SD Module arg1 is operating normally.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 3 (Informational)

Trap/EventID
2211

Redfish Event Type
Alert

<table>
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RFL2006

Message
Internal Dual SD Module arg1 is write protected.

Arguments
arg1 = name

Detailed Description
The module is write-protected. Changes may not be written to the media.

Recommended Response Action
If unintended, remove the media and disable write protection.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 2 (Warning)

Trap/EventID
2210

LCD Message
Internal Dual SD Module <name> is write protected. Check SD Card

Redfish Event Type
Alert

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RFL2007

Message
Internal Dual SD Module arg1 is writable.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (RFL = IDSDM Media)

Severity
Severity 3 (Informational)
**RFL2008**

**Message**  
Internal Dual SD Module \( \text{arg1} \) is disabled.

**Arguments**  
\( \text{arg1} = \text{name} \)

**Detailed Description**  
The Internal Dual SD Card redundancy feature was disabled. The SD card identified in the message is disabled.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (RFL = IDSDM Media)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2211

---

**RFL2009**

**Message**  
Internal Dual SD Module \( \text{arg1} \) is enabled.

**Arguments**  
\( \text{arg1} = \text{name} \)
**Detailed Description**
The Internal Dual SD Card redundancy feature was enabled. The SD card identified in the message is enabled.

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFL = IDSDM Media)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2211

**Redfish Event Type**
Alert

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RFLA Event Messages

RFLA2001

Message  Internal Dual SD Module arg1 is absent.
Arguments  arg1 = name
Detailed Description  The SD card module is not detected or not installed.
Recommended Response Action  If unintended, reinstall the SD module.
Category  System Health (RFLA = IDSDM Absent)
Severity  Severity 1 (Critical)
Trap/EventID  2481
LCD Message  Internal Dual SD Module <name> is absent. Check SD card.
Redfish Event Type  Alert

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RFM Event Messages

RFM1018

Message
Removable Flash Media is absent.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (RFM = FlexAddress SD)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

RFM1019

Message
Removable Flash Media is present.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (RFM = FlexAddress SD)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### RFM1020

**Message**
Removable Flash Media is IPMI-function ready.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RFM1021

**Message**
Removable Flash Media is not IPMI-function ready.

**Detailed Description**
The removable flash media is installed but improperly configured or failed to initialize.

**Recommended Response Action**
If unintended, reinstall the flash media.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 2 (Warning)
RFM1022

Message: Removable Flash Media is ready.
Detailed Description: None
Recommended Response Action: If unintended, reinstall the flash media.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

---

RFM1023

Message: Removable Flash Media is not ready.
Detailed Description: The media is being prepared or is under maintenance. If the problem persists, reinstall the card.
Recommended Response Action: If unintended, reinstall the flash media.
Category: System Health (RFM = FlexAddress SD)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**RFM1024**

**Message**: Removable Flash Media is offline.

**Detailed Description**: At boot, the Card Identification (CID) signature of the card is different from the Non-volatile (NV) storage value or the card is the destination of a copy operation that is in-progress.

**Recommended Response Action**: If unintended, reinstall the flash media.

**Category**: System Health (RFM = FlexAddress SD)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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**RFM1025**

**Message**: Removable Flash Media is online.

**Detailed Description**: None
Recommended Response Action
No response action is required.

Category
System Health (RFM = FlexAddress SD)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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LC Log   LCD   OS Log   Power Off   Power Cycle   Reset   Chassis Event Proxy

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**RFM1026**

Message
Failure detected on Removable Flash Media.

Detailed Description
An error is reported during a SD card read or write.

Recommended Response Action
Re-install the flash media, if the issue persists replace the media.

Category
System Health (RFM = FlexAddress SD)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**RFM1027**

Message
Removable Flash Media is operating normally.
Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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RFM1028

Message: Removable Flash Media was activated.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (RFM = FlexAddress SD)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**RFM1029**

**Message**
Removable Flash Media was deactivated.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**RFM1030**

**Message**
Removable Flash Media is booting.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RFM1031

**Message**
Removable Flash Media has finished booting.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### RFM1032

**Message**
Removable Flash Media is write protected.

**Detailed Description**
The card is write-protected by the physical latch on the SD card. IDSDM cannot use a write-protected card.

**Recommended Response Action**
If unintended, remove the media and disable write protection.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
RFM1033

Message  Removable Flash Media is writable.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health (RFM = FlexAddress SD)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

RFM1034

Message  Media not present for Removable Flash Media.
Detailed Description  The SD card is not detected or not installed.
Recommended Response Action  If unintended, reinstall the flash media.
Category  System Health (RFM = FlexAddress SD)
Severity  Severity 1 (Critical)
**RFM1035**

**Message**
Media is present for Removable Flash Media.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (RFM = FlexAddress SD)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
RRDU Event Messages

RRDU0001

Message          Internal Dual SD Module is redundant.
Detailed Description  None
Recommended Response Action  No response action is required.
Category                  System Health (RRDU = IDSDM Redundancy)
Severity                  Severity 3 (Informational)
Trap/EventID           2491
OMSA Event ID          5304
OMSA Trap ID           5304
Redfish Event Type     Alert

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RRDU0002

Message          Internal Dual SD Module redundancy is lost.
Detailed Description  Either one of the SD card or both the SD cards are not functioning properly.
Recommended Response Action  Replace the failed SD card.
Category                  System Health (RRDU = IDSDM Redundancy)
Severity                  Severity 1 (Critical)
**RRDU0003**

**Message**
Internal Dual SD Module redundancy is degraded.

**Detailed Description**
Either one of the SD card or both the SD cards are not functioning properly.

**Recommended Response Action**
Replace the failed SD card.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2490

**OMSA Event ID**
5305

**OMSA Trap ID**
5305

**Redfish Event Type**
Alert

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1673
**RRDU0004**

**Message**
Internal Dual SD Module is not redundant.

**Detailed Description**
None

**Recommended Response Action**
Install additional SD card and configure for redundancy if redundancy is desired.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2491

**Redfish Event Type**
Alert

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**RRDU0005**

**Message**
Internal Dual SD Module is not redundant. Insufficient resources to maintain normal operations.

**Detailed Description**
The current operating configuration cannot maintain redundancy. The unit may operate in a degraded state.

**Recommended Response Action**
Review product documentation and SD card configuration.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 1 (Critical)

**LCD Message**
Internal Dual SD Module is not redundant. Insufficient resources. Check SD Cards

**Redfish Event Type**
Alert

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</table>
RRDU0006

Message: Internal Dual SD Module rebuild initiated.
Detailed Description: Internal Dual SD Module rebuild initiated.
Recommended Response Action: No response action is required.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2491
Redfish Event Type: Alert

RRDU0007

Message: Internal Dual SD Module rebuild completed successfully.
Detailed Description: Internal Dual SD Module rebuild completed successfully.
Recommended Response Action: No response action is required.
Category: System Health (RRDU = IDSDM Redundancy)
Severity: Severity 3 (Informational)
Trap/EventID: 2491
Redfish Event Type: Alert
### RRDU0008

**Message**
Internal Dual SD Module rebuild did not complete successfully.

**Detailed Description**
Internal Dual SD Module rebuild failed because read/write to one of the SD cards failed.

**Recommended Response Action**
Replace the failed SD card and retry rebuild.

**Category**
System Health (RRDU = IDSDM Redundancy)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2489

**LCD Message**
Internal Dual SD Module rebuild failed. Replace failed SD card.

**Redfish Event Type**
Alert

---

### RRDU0010

**Message**
Internal SD Module redundancy is disabled.

**Detailed Description**
Redundancy is not currently enabled for the Internal SD Module.

**Recommended Response Action**
No response action is required.
RRDU0011

Unable to determine the redundancy status of the Internal SD Module.

This occurs because of one of the following reasons: 1) Either one of the SD card or both the SD cards have failed. 2) The Internal SD Module has failed.

Replace the failed SD card with a new SD card, or replace the Internal SD Module.

For more information, contact your service provider.
# RSI Event Messages

## RSI0001

<table>
<thead>
<tr>
<th>Message</th>
<th>The Lifecycle Controller Remote Services is available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Lifecycle Controller Remote Services instrumentation is available.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RSI = Remote Service)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## RSI0002

<table>
<thead>
<tr>
<th>Message</th>
<th>The remote service is currently not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Remote Service database is currently not available.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry request later.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RSI = Remote Service)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

## RSI0003

<table>
<thead>
<tr>
<th>Message</th>
<th>The remote service is reloading data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Remote Service database is being updated.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry request later.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RSI = Remote Service)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<td>Redfish Event Type</td>
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</table>

*No alerts are applicable for this message*

**RSI0004**

<table>
<thead>
<tr>
<th>Message</th>
<th>The remote service is unavailable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Remote Service database is unavailable.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Reset Integrated Remote Access Controller (iDRAC).</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (RSI = Remote Service)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</table>

*No alerts are applicable for this message*
SEC Event Messages

SEC0000

Message: The chassis is open.
Detailed Description: The chassis is open. System performance may be degraded, and security may be compromised.
Recommended Response Action: Close the chassis. Check system logs.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2385
LCD Message: Intrusion detected. Check chassis cover
OMSA Event ID: 5254
OMSA Trap ID: 5254
Redfish Event Type: Alert

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SEC0001

Message: The drive bay is open.
Detailed Description: The drive bay is open. A drive may be added or removed. System performance may be degraded.
Recommended Response Action: Close the drive bay. Check system logs.
Category: System Health (SEC = Security Event)
**SEC0002**

**Message**
The I/O card area is open.

**Detailed Description**
The I/O card area is open. I/O cards may be added or removed. System performance may be degraded.

**Recommended Response Action**
Close the I/O card area. Check system logs.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SEC0003**

**Message**
The processor area is open.

**Detailed Description**
The processor area is open. A drive may be added or removed. System performance may be degraded.

**Recommended Response Action**
Close the processor area. Check system logs.
SEC0004

Message
The LAN is disconnected.

Detailed Description
The LAN is disconnected. Network performance may be degraded.

Recommended Response Action
If unintentional, connect network cable.

Category System Health (SEC = Security Event)

Severity Severity 1 (Critical)

Redfish Event Type Alert

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SEC0005

Message Unauthorized docking is detected.

Detailed Description A removable component may have been tampered with, or installed incorrectly, or does not meet system requirements.
Recommended Response Action: Check removable hardware components for correct installation. Review installation documentation.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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SEC0006

Message: The fan area is open.

Detailed Description: The fan area is open. System performance may be degraded.

Recommended Response Action: Close the fan area. Check system logs.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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SEC0016

Message: The chassis is closed.
SEC0017

Message
The drive bay is closed.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SEC = Security Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

IDRAC
✔
✔*
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✔
✔
✔

CMC
✔
✔*
✔*
✔*

LC Log

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

IDRAC

CMC

1684
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### SEC0018

**Message**
The I/O card area is closed.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SEC0019

**Message**
The processor area is closed.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SEC0020

Message: The LAN is connected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SEC0021

Message: The docking is authorized.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
SEC0022

Message
The fan area is closed.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SEC = Security Event)

Severity
Severity 3 (Informational)

SEC0031

Message
The chassis is open while the power is on.

Detailed Description
The chassis is open. System performance may be degraded, and security may be compromised.

Recommended Response Action
Close the chassis. Check system logs.

Category
System Health (SEC = Security Event)
Severity: Severity 1 (Critical)

Trap/EventID: 2385

LCD Message: Intrusion detected. Check chassis cover

Redfish Event Type: Alert

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**SEC0032**

Message: The chassis is closed while the power is on.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2387

Redfish Event Type: Alert

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**SEC0033**

Message: The chassis is open while the power is off.
The chassis is open while the power is off. System security may have been compromised.

Recommended Response Action

Close the chassis and verify hardware inventory. Check system logs.

Category System Health (SEC = Security Event)

Severity Severity 1 (Critical)

Redfish Event Type Alert

SEC0034

The chassis is closed while the power is off.

Recommended Response Action

No response action is required.

Category System Health (SEC = Security Event)

Severity Severity 3 (Informational)
SEC0040

Message: A critical stop occurred during OS load.
Detailed Description: Operating system generated critical stop IPMI event. (Sensor type code = 20H)
Recommended Response Action: Check video and operating system logs for additional information
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2385
Redfish Event Type: Alert

SEC0041

Message: BIOS is unable to configure the Intel Trusted Execution Technology (TXT).
Detailed Description: TXT initialization cannot be completed because system configuration may have changed.
Recommended Response Action: Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
Trap/EventID: 2385
LCD Message: Unable to configure TXT. Reconfigure TPM and TXT in BIOS.
Redfish Event Type: Alert
Message: Processor detected a problem while performing an Intel Trusted Execution Technology (TXT) operation.

Detailed Description: TXT CPU microcode boot cannot be completed because system configuration may have changed.

Recommended Response Action: Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category: System Health (SEC = Security Event)

Severity: Severity 1 (Critical)

Trap/EventID: 2385

LCD Message: Problem with TXT operation. Reconfigure TPM and TXT in BIOS.

Redfish Event Type: Alert

SEC0043

Message: BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem during POST.

Detailed Description: TXT POST cannot be completed because system configuration may have changed.
Recommended Response Action
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
2385

LCD Message
TXT problem during POST. Reconfigure TPM and TXT in BIOS.

Redfish Event Type
Alert

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SEC0044

Message
SINIT Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) problem at boot.

Detailed Description
TXT initialization cannot be completed because system configuration may have changed.

Recommended Response Action
Check system hardware inventory for TPM presence, clear and reconfigure TPM and TXT in BIOS setup menu.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Trap/EventID
2385

LCD Message
TXT problem at boot. Reconfigure TPM and TXT in BIOS.

Redfish Event Type
Alert

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SEC0045

Message: Intel Trusted Execution Technology (TXT) is operating correctly.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 3 (Informational)

Trap/EventID: 2387

Redfish Event Type: Alert

SEC0051

Message: Unable to determine the redundancy status of the chassis intrusion sensor.

Detailed Description: The chassis may be open. This condition can lead to degraded system performance because of insufficient cooling and the system security may be compromised.

Recommended Response Action: Close the chassis.

Category: System Health (SEC = Security Event)

Severity: Severity 2 (Warning)

OMSA Event ID: 5251

Redfish Event Type: Alert
SEC0052

Message
Chassis intrusion sensor may have failed.

Detailed Description
The chassis intrusion sensor may have failed, because of this it cannot be determined whether the chassis is closed or opened. This condition can lead to degraded system performance because of insufficient cooling. The system security may be compromised.

Recommended Response Action
Replace the chassis intrusion sensor. For more information, contact your service provider.

Category
System Health (SEC = Security Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

SEC0100

Message
The arg1 in slot arg2 is open.

Arguments
arg1 = module name, arg2 = slot number

Detailed Description
The Storage disk tray identified in the message is open. The tray should be closed as soon as any service action is completed. Leaving the tray open for an extended period may result in drives over heating.
**SEC0101**

**Message**
The arg1 in slot arg2 is opened for more than 3 minutes.

**Arguments**
arg1 = module name, arg2 = slot number

**Detailed Description**
The Storage disk tray in the slot identified in the message has been open for an extended period of time. The tray should be closed as soon as any service action is completed. Leaving it open for extended period may result in drives overheating.

**Recommended Response Action**
Close the Storage disk tray as it may affect the system performance or may cause hard drives to overheat. Check system logs.

**Category**
Storage (SEC = Security Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4433

**Redfish Event Type**
Alert

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1695
SEC0102

Message: The \textit{arg1} in slot \textit{arg2} is closed.

Arguments: \textit{arg1} = module name, \textit{arg2} = slot number

Detailed Description: The module or Storage tray identified in the message is closed.

Recommended Response Action: No response action is required.

Category: Storage (SEC = Security Event)

Severity: Severity 3 (Informational)

Trap/EventID: 4435

Redfish Event Type: Alert

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SEC0600

Message: A secure mode violation detected.

Detailed Description: This may apply to a physical or remote access attempt.

Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.

Category: System Health (SEC = Security Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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### SEC0601

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<th>Message</th>
<th>A secure mode violation was corrected.</th>
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<td>Detailed Description</td>
<td>None</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SEC = Security Event)</td>
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<tr>
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### SEC0602

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<tr>
<td>Detailed Description</td>
<td>This may apply to a physical or remote access attempt.</td>
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<tr>
<td>Recommended Response Action</td>
<td>Check system logs for intrusion attempts, and ensure strong password policies.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SEC = Security Event)</td>
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<td>Severity</td>
<td>Severity 2 (Warning)</td>
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SEC0603

Message: User password violation was corrected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEC = Security Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SEC0604

Message: A setup password violation detected.
Detailed Description: This may apply to a physical or remote access attempt.
Recommended Response Action: Check system logs for intrusion attempts, and ensure strong password policies.
Category: System Health (SEC = Security Event)
Severity: Severity 1 (Critical)
### SEC0605

**Message**
A setup password violation was corrected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SEC0606

**Message**
The network boot password violation detected.

**Detailed Description**
This may apply to a physical or remote access attempt.

**Recommended Response Action**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)
**SEC0607**

**Message**
The network boot password violation was corrected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SEC0608**

**Message**
A password violation detected.

**Detailed Description**
This may apply to a physical or remote access attempt.

**Recommended Response Action**
Check system logs for intrusion attempts, and ensure strong password policies.
SEC0609

Message: A password violation was corrected.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SEC = Security Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility

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LC Log

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CMC

SEC0610


Detailed Description: This may apply to a remote access attempt.
**Recommended Response Action**
Check system logs for intrusion attempts, and ensure strong password policies.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SEC0611**

**Message**
An Out-of-band password violation was corrected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
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<tr>
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</tbody>
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**SEC0612**

**Message**
The default username and password is currently in use. It is recommended to immediately change the default credentials.
**Detailed Description**
The default username and password is currently in use and unauthorized access to the iDRAC may occur because the default values are widely known. This is a severe security risk.

**Recommended Response Action**
To change the credentials using RACADM command, run the following at the command line interface (CLI): "racadm set iDRAC.Users.<index>.Password <new password string>". Alternately, to disable the default credential in use message, run "racadm config -g cfgractuning -o cfgRacTuneDefCredentialWarningEnable 0".

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2386

**Redfish Event Type**
Alert

<table>
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</tbody>
</table>

**SEC0613**

**Message**
The default username and password is changed.

**Detailed Description**
The default username and password is changed.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>
SEC0700

Message  Warning: Default username and password are currently in use. It is strongly recommended to change the default password before configuring the property. Else, it causes a severe security risk for iDRAC.

Detailed Description  If the property name is configured without changing the default password, iDRAC may be accessible on the Internet. This causes a severe security risk for iDRAC.

Recommended Response Action  To change the password, run the following racadm command: racadm set iDRAC.Users.<index>.Password <new password string>. Alternatively, to avoid this warning message, run the following racadm command: racadm set iDRAC.Tuning.DefaultCredentialWarning Disable.

Category  Configuration (SEC = Security Event)

Severity  Severity 2 (Warning)

Trap/EventID  10578

Redfish Event Type  Alert

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</table>

SEC0701

Message  Warning: Default username and password are currently in use. It is strongly recommended to change the default password immediately.

Detailed Description  This warning message is displayed when using the default username and password (root and calvin). Using the default password causes a severe security risk for iDRAC.

Recommended Response Action  To change the password, run the following racadm commands: racadm set iDRAC.Users.<index>.Password <new password string>. Alternatively, to avoid this warning message run the following racadm command: racadm set iDRAC.Tuning.DefaultCredentialWarning Disable
SEC0702

Message: The Federal Information Processing Standards (FIPS) mode is enabled.

Recommended Response Action: No response action is required.

SEC0703

Message: The Federal Information Processing Standards (FIPS) mode is disabled.
**Recommended Response Action**
No response action is required.

**Category**
Configuration (SEC = Security Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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1706
## SEL Event Messages

### SEL0002

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Logging is disabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>This message appears when event logging of a specific type is disabled by the user. (IPMI sensor type code 10h - offset 01h)</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>If unintended, re-enable logging.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (SEL = Sys Event Log)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td><strong>Trap/EventID</strong></td>
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### SEL0003

<table>
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<tr>
<th><strong>Message</strong></th>
<th>Logging is enabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (SEL = Sys Event Log)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Trap/EventID</strong></td>
<td>2379</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>
SEL0004

Message: Log cleared.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Trap/EventID: 2379
Redfish Event Type: Alert

SEL0006

Message: All event logging is disabled.
Detailed Description: This message appears when all event logging has been disabled by the user. (IPMI sensor type code 10h - offset 03h)
Recommended Response Action: If unintended, re-enable logging.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 1 (Critical)

Trap/EventID: 2377

Redfish Event Type: Alert

<table>
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</table>

**SEL0007**

Message: All event logging is enabled.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SEL = Sys Event Log)

Severity: Severity 3 (Informational)

Trap/EventID: 2379

Redfish Event Type: Alert

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**SEL0008**

Message: System event log (SEL) is full.
### SEL0010

**Message**
System event log (SEL) is almost full.

**Detailed Description**
When the event log is full, additional events are not written to the log or older events will be overwritten and lost. (IPMI sensor type code 10h - offset 05h)

**Recommended Response Action**
Backup and clear log at the next maintained time.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**Redfish Event Type**
Alert

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**Message**
System event log (SEL) is almost full.

**Detailed Description**
When the event log is full, additional events are not written to the log or older events will be overwritten and lost. (IPMI sensor type code 10h - offset 04h)

**Recommended Response Action**
Backup and clear log.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**Redfish Event Type**
Alert

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**Message**
System event log (SEL) is full. Review & clear log

**Redfish Event Type**
Alert
## SEL0012

**Message**: Could not create or initialize the system event log.

**Detailed Description**: If the system event log failed to initialize platform status and failure events are not captured. Some management software will not report platform exceptions.

**Recommended Response Action**: Reboot the management controller or iDRAC. Cycle system input power. If problem persists call support.

**Category**: System Health (SEL = Sys Event Log)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2377

**Redfish Event Type**: Alert

### Filter Visibility

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## SEL0013

**Message**: The system event log was created or initialized successfully.

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (SEL = Sys Event Log)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2379

**Redfish Event Type**: Alert

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### SEL0014

**Message**
The System Event Log (SEL) was cleared by *arg1* from *arg2*.

**Arguments**

*arg1* = username, *arg2* = IP address

**Detailed Description**
The System Event Log (SEL) was cleared by the username identified in the message from the IP address identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SEL1200

**Message**
The system was reconfigured.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)
### SEL1202

**Message**
OEM system boot.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SEL1204

**Message**
An unknown system hardware failure detected.

**Detailed Description**
The operating system or BIOS detected an unknown event. (IPMI sensor type code 12h - offset 02h)

**Recommended Response Action**
Reduce system to minimum supported configuration. If issues persists, contact support.
**SEL1205**

**Message**
The unknown system hardware failure was corrected.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

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1714
SEL1206

Message: An entry was added to auxiliary log.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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iDRAC ✔*

CMC

SEL1207

Message: An entry was removed from auxiliary log.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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</table>
**SEL1208**

**Message**
A platform event filter action was executed.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SEL1209**

**Message**
The platform event filter action failed.

**Detailed Description**
System policies or permissions may prevent the action from executing. If configured, the system will not execute the action on a platform event (power down, cycle, interrupt, send alert).

**Recommended Response Action**
Review platform event configuration.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### SEL1210

**Message**
The time-stamp clock is synchronized.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SEL1211

**Message**
The time-stamp clock could not be synchronized.

**Detailed Description**
The time stamp on system event log events may not correlate to the system time. (IPMI sensor type code 12h - offset 05h)

**Recommended Response Action**
Cycle system input power, if problem persists call support.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)
SEL1300

Message
No bootable media found.

Detailed Description
System setup displays the system boot order. The local video screen may also show additional information. (IPMI sensor type code 1eh - offset 00h)

Recommended Response Action
Check system boot settings. Check mass storage controller configuration settings is applicable.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 1 (Critical)

SEL1301

Message
Bootable media found.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SEL = Sys Event Log)
Non-bootable diskette detected.
The disk in the drive is not formatted correctly or does not contain the necessary operating system files (IPMI sensor type code 1eh - offset 01h).
Replace diskette with bootable disk.
System Health (SEL = Sys Event Log)
Severity 1 (Critical)
Alert

SEL1303

Bootable diskette detected.
None
No response action is required.
SEL1304

Message
The PXE server not found.

Detailed Description
PXE is one way to boot a system from the network. (IPMI sensor type code 1eh - offset 02h)

Recommended Response Action
Check network and PXE server configuration.

Category   System Health (SEL = Sys Event Log)
Severity   Severity 3 (Informational)
Redfish Event Type   Alert

SEL1305

Message
The PXE server found.

Detailed Description
None
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**SEL1306**

**Message**
Invalid boot sector found.

**Detailed Description**
The disk in the drive is not formatted correctly or does not contain the necessary operating system files (IPMI sensor type code 1eh - offset 03h)

**Recommended Response Action**
Replace diskette with bootable disk.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SEL1307**

**Message**
Boot sector found.
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | | | | |
CMC | | | | | | |

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | | ✔ | | | | |
CMC | | | | | | |

SEL1308

Message
A time-out occurred while waiting for user to select a boot source.

Detailed Description
The system has failed to boot to an operating system and needs the user to select a boot source. (IPMI sensor type code 1eh - offset 04h)

Recommended Response Action
Select boot source within the time allowed.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | | | | |
CMC | | | | | | |

---

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | | ✔ | | | | |
CMC | | | | | | |

1722
SEL1309

Message: User selected a boot source.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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SEL1400

Message: The platform generated a page alert.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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1723
SEL1402

Message: The platform generated a LAN alert.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SEL = Sys Event Log)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SEL1404

Message: A platform event trap (PET) was generated.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (SEL = Sys Event Log)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SEL1406

Message: The platform generated a SNMP trap.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SEL1500

Message: The chassis management controller (CMC) is redundant.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
SEL1501

Message
Chassis management controller (CMC) redundancy is lost.

Detailed Description
An action or failure has taken place that breaks CMC redundancy. This includes loss of network connection, hardware failures, firmware update, firmware mismatch between CMCs, CMC reset, and unplugging a CMC.

Recommended Response Action
Check CMC network cables and network connections. Check that CMC firmware versions match.

Category
System Health (SEL = Sys Event Log)

Severity
Severity 1 (Critical)

Trap/EventID
2377

Redfish Event Type
Alert

SEL1502

Message
Chassis management controller (CMC) redundancy is degraded.

Detailed Description
An action or failure has taken place that degrades CMC redundancy. This includes firmware mismatch between CMCs and a CMC missing SD card.
**Recommended Response Action**
Chassis management controller (CMC) redundancy is degraded.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**Redfish Event Type**
Alert

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**SEL1503**

**Message**
The chassis management controller (CMC) is not redundant.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

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SEL1504

**Message**  The chassis management controller (CMC) is not redundant. Insufficient resources to maintain normal operations.

**Detailed Description**  There is not enough available power for two CMCs to operate.

**Recommended Response Action**  Check overall power consumption and power status.

**Category**  System Health (SEL = Sys Event Log)

**Severity**  Severity 1 (Critical)

**Trap/EventID**  2377

**Redfish Event Type**  Alert

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SEL1506

**Message**  Lost communications with Chassis Group Member arg1.

**Arguments**  arg1 = number

**Detailed Description**  The primary CMC has lost communication with the indicated member CMC.

**Recommended Response Action**  Check network cable and network connections.

**Category**  System Health (SEL = Sys Event Log)

**Severity**  Severity 2 (Warning)

**Trap/EventID**  2378

**Redfish Event Type**  Alert
SEL1507

**Message**
Communications restored with Chassis Group Member arg1.

**Arguments**
arg1 = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

---

SEL1508

**Message**
Member arg1 could not join the Chassis Group.

**Arguments**
arg1 = number

**Detailed Description**
The indicated member may be a member of another chassis group or may be incompatible with membership.
**Recommended Response Action**

1) Check that the Name or IP address, User Name, and Password of the member are correct.
2) Check that the member is not a leader or member of another group.
3) Check that the member can be reached by the leader.

**Category**  
System Health (SEL = Sys Event Log)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2378

**Redfish Event Type**  
Alert

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**SEL1509**

**Message**  
Member \(arg1\) has joined the Chassis Group.

**Arguments**  
\(arg1\) = number

**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (SEL = Sys Event Log)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2379

**Redfish Event Type**  
Alert

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**SEL1510**

**Message**
An authentication error detected for Chassis Group Member `arg1`.

**Arguments**
`arg1` = number

**Detailed Description**
Group master CMC could not log into the group member CMC.

**Recommended Response Action**
Check login credentials of CMC

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**Redfish Event Type**
Alert

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The table shows the visibility and alert types for different events:

<table>
<thead>
<tr>
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**SEL1511**

**Message**
Member `arg1` removed from the Chassis Group.

**Arguments**
`arg1` = number

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert
SEL1512

Message
The Chassis Controller is not responding or is not inserted properly. The status of Chassis Controller is critical.

Detailed Description
The Chassis Controller is not responding or is not inserted properly.

Recommended Response Action
Do one of the following: 1) Reinsert Chassis Controller, if removed. 2) If Chassis Controller is present but is not responding, reset the Chassis Controller. To reset the Chassis Controller using the graphical user interface (GUI), click Chassis Overview > Power > Control > Reset CMC. To reset by running the RACADM command at the command line interface (CLI), enter: "racadm racreset".

Category
System Health (SEL = Sys Event Log)

Severity
Severity 1 (Critical)

Trap/EventID
2377

Redfish Event Type
Alert

SEL1513

Message
The status of Chassis Controller has changed from critical to OK.

Detailed Description
The iDRAC communication link to Chassis Controller is restored. Any issues related to network communication between Chassis Controller and iDRAC, incorrectly
seated Chassis Controller, or unavailability of Chassis Controller is now resolved successfully.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**Redfish Event Type**
Alert

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**SEL9900**

**Message**
An unsupported event occurred.

**Detailed Description**
The current software version cannot decode this event. The source of the event may come from a source that is not compatible with this software or the event may have been added after the release of this software. You may need to review this event using a tool which displays raw data such as ipmitool with the -vvv option or Racadm with the -E option.

**Recommended Response Action**
Upgrade Management Software

**Category**
System Health (SEL = Sys Event Log)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SEL9901

Message: OEM software event.
Detailed Description: The current software version cannot decode this event. The source of the event may come from a source that is not compatible with this software or the event may have been added after the release of this software. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.
Recommended Response Action: See product documentation for additional information.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SEL9902

Message: System software event.
Detailed Description: Software on the system has logged an event that cannot be determined. You may need to review this event using a tool which displays raw data such as Ipmitool with the -vvv option or Racadm with the -E option.
Recommended Response Action: No response action is required.
Category: System Health (SEL = Sys Event Log)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
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1735
SSD Event Messages

SSD1001

Message  Write-cache on arg1 is enabled.
Arguments  arg1 = PCIe SSD name
Detailed Description  Write-cache is enabled on the PCIe solid state drive (SSD) identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (SSD = PCIe SSD)
Severity  Severity 2 (Warning)
OMSA Event ID  2427
OMSA Trap ID  90300
Redfish Event Type  Alert

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SSD1002

Message  Write-cache on arg1 is disabled.
Arguments  arg1 = PCIe SSD name
Detailed Description  Write-cache is disabled on the PCIe solid state drive (SSD) identified in the message.
Recommended Response Action  No response action is required.
Category  Storage (SSD = PCIe SSD)
Severity 2 (Warning)
OMSA Event ID 2428
OMSA Trap ID 90300
Redfish Event Type Alert

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SSD1003

Message  
arg1 is ready for removal.

Arguments  
arg1 = PCIe SSD name

Detailed Description  
The PCIe solid state drive (SSD) identified in the message is ready for removal.

Recommended Response Action  
No response action is required.

Category  
Storage (SSD = PCIe SSD)

Severity 3 (Informational)
OMSA Event ID 2429
OMSA Trap ID 90100
Redfish Event Type Alert

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SSD1004

**Message**
Exported the arg1 log file.

**Arguments**
arg1 = PCIe SSD name

**Detailed Description**
The log file of the PCIe solid state drive (SSD) identified in the message is successfully exported.

**Recommended Response Action**
No response action is required.

**Category**
Storage (SSD = PCIe SSD)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2430

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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SSD1005

**Message**
Successfully initialized arg1.

**Arguments**
arg1 = PCIe SSD name

**Detailed Description**
The initialization of the PCIe solid state drive (SSD) identified in the message is complete.

**Recommended Response Action**
No response action is required.

**Category**
Storage (SSD = PCIe SSD)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2431

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert
### SSD1006

**Message**
The arg1 has reached arg2 of warranted device wear-out limit.

**Arguments**
- arg1 = PCIe solid state device name
- arg2 = percent

**Detailed Description**
The PCIe solid state device identified in the message is approaching the warranted wear-out limit.

**Recommended Response Action**
No response action is required.

**Category**
Storage (SSD = PCIe SSD)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2433

**OMSA Trap ID**
90100

**Redfish Event Type**
Alert

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### SSD1007

**Message**
The arg1 has reached or exceeded its warranted wear-out limit.

**Arguments**
- arg1 = PCIe solid state device name

**Detailed Description**
The solid state device identified in the message has either reached or exceeded the warranted wear-out limit.
**Recommended Response Action**: Back up the data on the device, and contact your service provider for further instructions.

**Category**: Storage (SSD = PCIe SSD)

**Severity**: Severity 2 (Warning)

**OMSA Event ID**: 2434

**OMSA Trap ID**: 90300

**Redfish Event Type**: Alert

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</tbody>
</table>

**SSD1008**

**Message**: The `arg1` is approaching read-only mode.

**Arguments**: `arg1` = PCIe solid state device name

**Detailed Description**: The PCIe solid state device identified in the message is between 90% and 100% of reaching read-only mode.

**Recommended Response Action**: No response action is required.

**Category**: Storage (SSD = PCIe SSD)

**Severity**: Severity 3 (Informational)

**OMSA Event ID**: 2435

**OMSA Trap ID**: 90100

**Redfish Event Type**: Alert

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</table>
SSD1009

Message
The arg1 is in read-only mode.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is in read-only mode.

Recommended Response Action
Back up the data on the device, and contact your service provider for further instructions.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 1 (Critical)

OMSA Event ID
2436

OMSA Trap ID
90400

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
✔
✔
✔
✔

CMC

SSD1010

Message
The arg1 is in a security locked state.

Arguments
arg1 = PCIe solid state device name

Detailed Description
The PCIe solid state device identified in the message is in a locked state, because an existing initialization task was interrupted due to a power failure or disk removal.

Recommended Response Action
Run Full Initialize operation on the device identified in the message.

Category
Storage (SSD = PCIe SSD)

Severity
Severity 2 (Warning)
OMSA Event ID: 2449
OMSA Trap ID: 10100
Redfish Event Type: Alert

**SSD1011**

**Message:**
The Remaining Rated Write Endurance Threshold for PCIe SSDs is set to \( arg1 \).

**Arguments:**
\( arg1 = value \)

**Detailed Description:**
The Remaining Rated Write Endurance (RRWE) Threshold for PCIe solid state devices has been modified. A warning alert is generated when the RRWE for any PCIeSSD device falls below the user set RRWE Threshold value.

**Recommended Response Action:**
No response action is required.

**Category:**
Storage (SSD = PCIe SSD)

**Severity:**
Severity 3 (Informational)
**SSD1012**

**Message**  The Remaining Rated Write Endurance Threshold for SAS and SATA SSDs is set to arg1.

**Arguments**  arg1 = value

**Detailed Description**  The Remaining Rated Write Endurance (RRWE) Threshold for SAS and SATA solid state devices has been modified. A warning alert when the RRWE for any SAS or SATA SSD falls below the threshold set by the user.

**Recommended Response Action**  No response action is required.

**Category**  Storage (SSD = PCIe SSD)

**Severity**  Severity 3 (Informational)

**OMSA Event ID**  2448

**OMSA Trap ID**  10100

**Redfish Event Type**  Alert

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1743
## STOR Event Messages

### STOR001

<table>
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<tr>
<th>Message</th>
<th>The command is successfully run.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The command is successfully run.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
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<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</tbody>
</table>

*No alerts are applicable for this message*

### STOR003

<table>
<thead>
<tr>
<th>Message</th>
<th>Missing parameter.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Required parameter is missing.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the RAID profile to determine required parameters.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### STOR004

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid parameter value.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Provided parameter value is not valid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the RAID profile to determine the valid parameters values.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
</tbody>
</table>
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

STOR006

Message  Unable to complete the operation.
Detailed Description  The operation could not be completed because of an issue with the management controller (either the iDRAC or the Chassis Management Controller (CMC)) that is managing the storage.
Recommended Response Action  Retry the operation. If the issue persists, contact your service provider.
Category  Configuration (STOR = Storage)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message

STOR007

Message  Unable to allocate resources.
Detailed Description  The operation could not be completed because of insufficient memory space on the management controller (either the iDRAC or the Chassis Management Controller (CMC)) managing the storage.
Recommended Response Action  Retry the operation. If the issue persists, contact your service provider.
Category  Configuration (STOR = Storage)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message

STOR009

Message  Physical disk FQDD did not identify a valid physical disk for the operation.
Detailed Description  Physical disk did not identify valid physical disk for the operation.
Recommended Response Action  Provide compatible physical disk with the operation.
Category  Configuration (STOR = Storage)
STOR010

Message: RAID level not supported on controller.
Detailed Description: The operation cannot be completed because the RAID level entered is not supported by the controller.
Recommended Response Action: Enter a valid RAID level and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR0101

Message: No RAID controller is displayed.
Detailed Description: No RAID controller data to display. The system is powered off, no RAID controller is present in the system, or the RAID controller is not connected to the system.
Recommended Response Action: Check if the server has power, RAID controller is available, and that a RAID controller is connected to the system.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR0102

Message: No batteries are displayed.
Detailed Description: No battery data to display. The system is powered off, batteries are not present on the system, batteries are not connected to the RAID controller, or the batteries are depleted.
Recommended Response Action: Check if the server has power, batteries are available, and batteries are connected to the RAID controller.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
STOR0103

Message: No physical disks are displayed.
Detailed Description: No physical disk data to display. The system is powered off, physical disks are not present on the system, or physical disks are not connected to the enclosure or backplane.
Recommended Response Action: Check if the server has power, physical disks are available, and physical disks are connected to the enclosure or backplane.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)

STOR0104

Message: No virtual disks are displayed.
Detailed Description: No virtual disk data to display. The system is powered off, physical disks are not present on the system, or virtual disks are not created.
Recommended Response Action: Check if the server has power, physical disks are available, and virtual disks are created.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)

STOR0105

Message: No enclosures are displayed.
Detailed Description: No enclosure data to display. The system is powered off, enclosures are not present on the system, or enclosures are not connected to the RAID controllers.
Recommended Response Action: Check if the server has power, enclosures are available, and enclosures are connected to the RAID controllers.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
STOR0106

Message: Fans are not connected to enclosures or data about fans is unavailable.
Detailed Description: No fan data to display. The system is powered off, no fan enclosures are present in the system, or the fans are not connected to the enclosures.
Recommended Response Action: Check if the server has power, enclosure fan is available, and fan is connected to the enclosure.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR0107

Message: EMMs are not connected to enclosures or data about EMMs is unavailable.
Detailed Description: No EMMs data to display. The system is powered off, no enclosure EMMs are present, or the EMMs are not connected to the enclosures.
Recommended Response Action: Check if the server has power, EMMs are available, and EMMs are connected to the enclosure.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR0108

Message: Temperature probes are not connected to enclosures or data about temperature is unavailable.
Detailed Description: No temperature data to display. The system is powered off, no enclosure temperature probes are present in the system, or the temperature probes are not connected to the enclosures.
Recommended Response Action: Check if the server has power, enclosure temperature probe is available, and temperature probe is connected to the enclosure.
Category: Storage (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
STOR0109

Message: Power supply unit is not connected to the enclosure or data about power supply unit is unavailable.

Detailed Description: No power supply unit data to display. The system is powered off, no power supply unit is present in the system, or the power supply unit is not connected to the enclosure.

Recommended Response Action: Check if the server has power, enclosure power supply unit is available, and power supply unit is connected to the enclosure.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR011

Message: Stripe size not supported on controller.

Detailed Description: The operation cannot be completed because the stripe size entered is not supported by the controller.

Recommended Response Action: Enter a valid stripe size and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

STOR0110

Message: Invalid Fully Qualified Device Descriptor (FQDD).

Detailed Description: The specified Fully Qualified Device Descriptor (FQDDs) system component name is invalid.

Recommended Response Action: Verify that the correct Fully Qualified Device Descriptor (FQDD) system component name is specified. See the help text (The help text for the raid subcommand can be obtained by running “racadm help raid”) or documentation for valid FQDD system component names.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)
<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid reference key.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The specified reference key is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify that the correct reference key is specified. See the help text or documentation for valid reference keys.</td>
</tr>
<tr>
<td>Category</td>
<td>Storage (STOR = Storage)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Provided Physical disk not valid for this operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>One or more of the specified physical disks cannot be used for the operation requested. Physical disk protocol and media type, along with other physical disk characteristics like Secure Encryption and T10 protection, need to match the requirements of the requested operation.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure the specified physical disk has the appropriate protocol and media type for the requested operation. Specify a different physical disk with a state appropriate for the requested operation and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
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<td>Severity</td>
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</table>

<table>
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<tr>
<th>Message</th>
<th>One or more storage device(s) are not in a state where the operation can be completed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>One or more storage device(s) are in a state that prevents the operation from completing.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Make sure the specified storage devices are in a state appropriate for the requested operation and retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (STOR = Storage)</td>
</tr>
</tbody>
</table>
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR015

Message: Maximum virtual disks allowed for this controller has been reached.
Detailed Description: A new virtual disk cannot be created because the maximum number of virtual disks are already created.
Recommended Response Action: A new virtual disk cannot be created until one is deleted.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR016

Message: The physical disk specified is not large enough to be a hot spare for this virtual disk.
Detailed Description: The physical disk drive cannot be assigned as the hot-spare of this virtual disk because the capacity of the physical disk is not sufficient.
Recommended Response Action: Specify a physical disk with a larger capacity or replace the specified physical disk with one with more capacity, and then retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR017

Message: The specified Virtual Disk is not valid for the operation.
Detailed Description: The virtual disk specified is not compatible with the requested operation or a specified operation parameter is not appropriate for the virtual disk type specified.
Recommended Response Action: Make sure the operation parameters are appropriate for the virtual disk type. Specify a compatible virtual disk for the requested operation and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
STOR018

Message: No foreign drives detected.

Detailed Description: This operation did not detect any foreign drives. This may be because no foreign drives are present or the only foreign drives are in a secured locked state.

Recommended Response Action: If the only foreign drives present are in a secured locked state, run a secure erase operation on the drives to securely erase data or unlock these drives and retry the operation. Otherwise the operation was not successful because there are no foreign drives.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

STOR019

Message: The specified passphrase is not valid.

Detailed Description: The passphrase specified does not follow the passphrase character criteria of the controller character.

Recommended Response Action: Enter a passphrase that meets the passphrase character criteria of the controller, and then retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

STOR020

Message: A controller key is already present.

Detailed Description: The controller key cannot be set because a key is already present.

Recommended Response Action: Delete the current key and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 3 (Informational)
STOR0200

Message: Array Manager is installed on the system.
Detailed Description: Installing Storage Services and Array Manager on the same system is not a supported configuration. Storage Services is not installed on a system where Array Manager is installed.
Recommended Response Action: Uninstall either Storage Services or Array Manager and retry the operation.

STOR0201

Message: Unable to determine whether the system has the minimum required versions of the RAID controller drivers and firmware.
Detailed Description: Unable to determine whether the system has the minimum required versions of the RAID controller drivers.
Recommended Response Action: See the Readme file on the installation media for driver and firmware requirements. If Storage Services experiences performance problems, make sure that minimum supported versions of the drivers and firmware are installed. For a list of correct driver and firmware versions, contact the service provider.

No alerts are applicable for this message
The configuration file (Path: arg1) that contains firmware and driver information for arg2 is not updated or is incorrectly formatted to complete the comparison.

- **Arguments**: 
  - arg1 = file path, arg2 = controller name

- **Detailed Description**: 
  Storage Services is unable to determine whether the system has the minimum required versions of the RAID controller firmware and drivers because a configuration file is not readable, corrupted, or has missing data.

- **Recommended Response Action**: 
  Reinstall Server Administrator and Storage Services.

- **Category**: Storage (STOR = Storage)
- **Severity**: Severity 2 (Warning)
- **OMSA Event ID**: 2166
- **OMSA Trap ID**: 75300
- **Redfish Event Type**: Alert
STOR0203

Message
The current operating system kernel version and the non-RAID SCSI driver version are older than the minimum required versions.

Detailed Description
The version of the operating system kernel and the driver do not meet the minimum requirements. Storage Services may not be able to display or perform storage management functions until the system meets the minimum requirements.

Recommended Response Action
See the Readme file on the installation media for operating system kernel and driver version requirements. Update the system to meet the minimum requirements and then reinstall Storage Services.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

OMSA Event ID
2167

OMSA Trap ID
10300

Redfish Event Type
Alert

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STOR0204

Message
The non-RAID SCSI driver version is older than the minimum required version.

Detailed Description
The driver version does not meet the minimum requirements and Storage Services cannot perform the required operations until the minimum requirements are met.

Recommended Response Action
See the Readme file for the driver requirements and update the system to meet the minimum requirements and reinstall Storage Services.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

OMSA Event ID
2168

OMSA Trap ID
10300

Redfish Event Type
Alert
STOR0205

Message: Global rescan initiated for all storage components in the system.

Detailed Description: A rescan of all storage components in the system is initiated.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

OMSA Event ID: 2261

OMSA Trap ID: 75100

Redfish Event Type: Alert

STOR0206

Message: Smart thermal shutdown feature is enabled.

Detailed Description: The storage shutdown feature based on high ambient temperature (smart thermal shutdown) is enabled.

Recommended Response Action: No response action is required.
STOR0207

Message  Smart thermal shutdown feature is disabled.
Detailed Description  The storage shutdown feature based on high ambient temperature (smart thermal shutdown) is disabled.
Recommended Response Action  No response action is required.
**STOR0208**

**Message**
Protection policy has changed.

**Detailed Description**
A new protection policy is created or an existing protection policy is modified.

**Recommended Response Action**
No response action is required.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2287

**OMSA Trap ID**
10100

**Redfish Event Type**
Alert

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**STOR0209**

**Message**
Unable to monitor or manage SAS components because the initialization sequence of the devices did not complete.

**Detailed Description**
The initialization sequence of SAS components did not complete during system startup.

**Recommended Response Action**
Do the following: 1) Make sure that the supported versions of the SAS drivers and firmware are installed. 2) Reboot the system. If problem persists, reinstall Server Administrator and Storage Services on the managed node to make sure all the required components are installed.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
2314

**OMSA Trap ID**
10400

**Redfish Event Type**
Alert
STOR021

Message
The controller key is not present.

Detailed Description
Operation cannot be completed because a controller key is not present.

Recommended Response Action
Set an appropriate controller key and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR0210

Message
SCSI sense data (arg1) received from arg2.

Arguments
arg1 = sense info, arg2 = device name

Detailed Description
A SCSI device may have experienced an error that generated sense data after the device recovery.

Recommended Response Action
No response action is required.

Category
Storage (STOR = Storage)

Severity
Severity 3 (Informational)

OMSA Event ID
2095

OMSA Trap ID
75100;85100;90100

Redfish Event Type
Alert
### STOR0211

**Message**

The arg1 has returned to normal state.

**Arguments**

arg1 = device name

**Detailed Description**

The device identified in the message that was previously in an error state has returned to a normal state. For example, if an enclosure became too hot and subsequently cooled down, or if a degraded virtual disk returns to normal state.

**Recommended Response Action**

No response action is required.

**Category**

Storage (STOR = Storage)

**Severity**

Severity 3 (Informational)

**OMSA Event ID**

2121

**OMSA Trap ID**

75200;80200;85200;90200;95200;100200;105200;110200;115200;120100

**Redfish Event Type**

Alert

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<th>Filter Visibility</th>
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STOR022

Message
The controller is not security capable.

Detailed Description
The operation cannot be completed because controller is not security capable.

Recommended Response Action
No response action is required.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR023

Message
Unable to perform configuration operations because a configuration job for the device already exists.

Detailed Description
Unable to perform configuration operations because a configuration job for the device already exists.
Recommended Response Action: Wait for the current job for the device to complete or cancel the current job before attempting more configuration operations on the device.

Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR024

Message: Unable to create a configuration job because a configuration job for the device already exists.

Detailed Description: Configuration changes for the specified device are already scheduled.

Recommended Response Action: No response action is required.

Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR025

Message: Unable to delete any pending configuration because the configuration job is already scheduled.

Detailed Description: The pending configuration cannot be deleted because the configuration job is already scheduled.

Recommended Response Action: Delete the current configuration job for the device to stop pending configuration changes.

Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR026

Message: A configuration job was not created because there are no pending configuration changes.
Detailed Description
A configuration job was not created because there are no pending configuration changes.

Recommended Response Action
No response action is required.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR027

Message
Virtual Disk name is not supported.

Detailed Description
Setting the Virtual disk name is not a valid operation on the specified controller.

Recommended Response Action
Do not specify the virtual disk name and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR028

Message
Virtual disk not found.

Detailed Description
The requested operation cannot be completed because the specified virtual disk is not found.

Recommended Response Action
Provide a valid virtual disk FQDD (Fully Qualified Device Descriptor) and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR029

Message
Physical disk not found.

Detailed Description
The requested operation cannot be completed because the specified physical disk is not found.
| **Recommended Response Action** | Provide a valid physical disk FQDD (Fully Qualified Device Descriptor) and retry the operation. |
| **Category** | Configuration (STOR = Storage) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

*No alerts are applicable for this message*

### STOR030

| **Message** | Controller not found. |
| **Detailed Description** | The requested operation cannot be completed because the specified controller is not found. |
| **Recommended Response Action** | Provide a valid controller FQDD (Fully Qualified Device Descriptor) and retry the operation. |
| **Category** | Configuration (STOR = Storage) |
| **Severity** | Severity 2 (Warning) |
| **Redfish Event Type** | Alert |

*No alerts are applicable for this message*

### STOR031

| **Message** | Lifecycle Controller is not enabled. |
| **Detailed Description** | For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation. |
| **Recommended Response Action** | For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system. |
| **Category** | Configuration (STOR = Storage) |
| **Severity** | Severity 3 (Informational) |
| **Redfish Event Type** | Alert |

*No alerts are applicable for this message*
STOR032
Message  Lifecycle Controller is currently in use.
Detailed Description  Lifecycle Controller is unable to gain access to internal storage because it is in use by another application or operation.
Recommended Response Action  Wait for current Lifecycle Controller operation to complete. Verify that the system is 1) Not currently in Lifecycle Controller Configuration utility 2) Not waiting for user intervention at F1/F2 POST error 3) Not in any of the device or controller Option ROMs and retry the operation.
Category  Configuration (STOR = Storage)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

STOR033
Message  Invalid parameter value for Start/Until Time.
Detailed Description  The requested operation cannot be completed because an invalid value is specified for Start/Until Time.
Recommended Response Action  Enter a valid Start/Until Time and retry the operation. For more information about the Start/Until Time, see the RAID Profile specification.
Category  Configuration (STOR = Storage)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

STOR034
Message  Invalid parameter value for RebootJobType.
Detailed Description  The requested operation cannot be completed because an invalid value is specified for RebootJobType.
Recommended Response Action  Enter a valid RebootJobType value and retry the operation. For more information about the RebootJobType parameter, see the RAID Profile specification.
Category  Configuration (STOR = Storage)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
STOR035

Message
Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation.

Detailed Description
Unable to perform operation because either the number of storage objects specified is insufficient or the storage objects are not in a required state to perform this operation.

Recommended Response Action
Check the number and state of storage objects and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR036

Message
Unable to perform operation because there are one or more Secure Virtual Disks associated with the controller.

Detailed Description
Unable to perform operation because there are one or more Secure Virtual Disks associated with the controller.

Recommended Response Action
Delete the Secure Virtual Disk(s) associated with this controller and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR037

Message
Missing required parameter arg1.

Arguments
arg1 = parameter name

Detailed Description
Unable to complete the requested operation because one or more input parameters identified in the message are not specified.

Recommended Response Action
Enter all the required parameters and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)
STOR038

Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: Unable to complete the requested operation because one or more input parameters identified in the message are not valid.
Recommended Response Action: Specify a valid value for identified parameter.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR039

Message: Mismatch in AttributeName and AttributeValue count.
Detailed Description: Unable to complete the requested operation because of a mismatch in the number of AttributeName and AttributeValue values specified.
Recommended Response Action: Specify a valid number of AttributeName and AttributeValue pair values and retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR040

Message: Invalid AttributeName arg1.
Arguments: arg1 = attribute name
Detailed Description: Unable to complete the requested operation because an invalid AttributeName value is specified.
Recommended Response Action: Specify a valid AttributeName value for the attribute identified in the message and retry the operation.
Category: Configuration (STOR = Storage)
<table>
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</table>

*No alerts are applicable for this message*

**STOR041**

**Message**: Invalid value for AttributeName `arg1`

**Arguments**: `arg1` = attribute name

**Detailed Description**: Unable to complete the requested operation because an invalid value for the attribute identified in the message is specified.

**Recommended Response Action**: Specify a valid value for the attribute identified in the message and retry the operation.

**Category**: Configuration (STOR = Storage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

**STOR042**

**Message**: Unsupported value for AttributeName `arg1`

**Arguments**: `arg1` = attribute name

**Detailed Description**: Unable to complete the requested operation because the attribute value specified is not supported in the current configuration.

**Recommended Response Action**: Specify a value for the attribute identified in the message by using one of the possible values currently available for that attribute.

**Category**: Configuration (STOR = Storage)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

**STOR043**

**Message**: One or more selected physical disk drives are part of virtual disk that is not Secondary RAID Level 0.

**Detailed Description**: One or more physical disk drives selected for the operation are part of a virtual disk that is not Secondary RAID Level 0.
<table>
<thead>
<tr>
<th>Message</th>
<th>STOR044</th>
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<th>STOR046</th>
</tr>
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<tbody>
<tr>
<td>Recommended Response Action</td>
<td>This operation is not supported unless the previous virtual disk on the selected physical disk drives are deleted first. To perform the operation, delete any virtual disk on the selected physical disk drives and retry the operation.</td>
<td>Recommended Response Action</td>
<td>Enumerate existing virtual disks to find the physical disks of the same disk group. Specify physical disks that are of the same disk group and retry the operation.</td>
<td>Recommended Response Action</td>
<td>Specify StartingLBA and Size parameters and retry the operation.</td>
</tr>
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</tr>
<tr>
<td>Detailed Description</td>
<td>All physical disks specified are not part of the same disk group.</td>
<td>Detailed Description</td>
<td>One or more physical disks specified to create virtual disk (VD) is not valid because it is not part of the same disk group.</td>
<td>Detailed Description</td>
<td>The specified physical disks have fragmented disk space, therefore StartingLBA and Size parameters are required to be specified in order to create a virtual disk.</td>
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</table>

No alerts are applicable for this message

No alerts are applicable for this message

No alerts are applicable for this message
Recommended Response Action: Refer to the users guide to provide the correct StartingLBA and Size combination values.

Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

**STOR047**

Message: Unable to change the value of attribute \texttt{arg1} because it is ReadOnly.
Arguments: \texttt{arg1} = attribute
Detailed Description: Unable to change the value of the attribute identified in the message because it is ReadOnly.
Recommended Response Action: No response action is required.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**STOR048**

Message: Controller is not Dell Key Management capable.
Detailed Description: Either the controller or the firmware on the controller does not support the Dell Key Management feature.
Recommended Response Action: No response action is required.
Category: Configuration (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**STOR049**

Message: Controller is in Local Key Management mode.
Detailed Description: The controller is in Local Key Management mode.
Recommended Response Action
No response action is required.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

STOR050

Message
Controller is in Dell Key Management mode.

Detailed Description
The controller is in Local Key Management mode.

Recommended Response Action
No response action is required.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

STOR0501

Message
Unable to configure RAID.

Detailed Description
Unable to create a virtual disk due to unknown reasons.

Recommended Response Action
Do one of the following and retry the operation: 1) Exit the RAID Configuration wizard. 2) Update the RAID controller firmware to the latest version. 3) Reboot the system and press the <F10> key to re-enter Lifecycle Controller, and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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</table>

1771
STOR0502

Message: Unable to launch RAID Configuration wizard.

Detailed Description: No RAID controller is installed on the system.

Recommended Response Action: Install the RAID controller and do the following: 1) Reboot the system. 2) Press the <F10> key to re-enter Lifecycle Controller. 3) Retry RAID configuration.

Category: Storage (STOR = Storage)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
STOR0504

Message: Successfully completed RAID operation.
Detailed Description: The RAID operation was successful.
Recommended Response Action: No response action is required.
Category: Storage (STOR = Storage)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

STOR0505

Message: Unable to delete virtual disks.
Detailed Description: Unable to delete the existing virtual disks for unknown reasons.
Recommended Response Action: Exit the RAID Configuration wizard and retry the operation. If the problem persists do the following: 1) Reboot the system. 2) Press the <F10> key to re-enter Lifecycle Controller. 3) Retry the operation.
Category: Storage (STOR = Storage)
STOR0506

Message: Unable to create virtual disk.
Detailed Description: The physical disk is unreadable or the RAID controller is not responding.
Recommended Response Action: Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, replace the physical disk or update the RAID controller firmware to the latest version, and retry the operation.
Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

STOR0507

Message: Insufficient physical disk space on selected RAID controller.
Detailed Description: The RAID controller does not have sufficient number of initialized physical disks or adequate disk space to create the requested virtual disk.
Recommended Response Action: Connect additional physical disks to the RAID controller, initialize the physical disks, and retry the operation. To initialize the physical disks, reboot the system and select Option ROM during system startup.

Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

STOR0508
Message: No supported controllers present for RAID configuration.
Detailed Description: Unable to configure RAID as the supported RAID controller is not present.
Recommended Response Action: Install a supported RAID controller and the required number of physical disks for the RAID configuration, and retry the operation.
Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

STOR0509
Message: No RAID levels are supported.
**STOR051**

**Message**  
StartingLBA and Size value combination is greater than allowed by the physical disk size.

**Detailed Description**  
The requested operation cannot be completed because the specified StartingLBA and Size value combination is greater than allowed by the physical disk size.

**Recommended Response Action**  
Specify the Size value only and allow the instrumentation to calculate the StartingLBA value then retry the operation.

**Category**  
Configuration (STOR = Storage)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**STOR0510**

**Message**  
Encryption configuration failed.

**Detailed Description**  
Unable to apply the RAID controller encryption because RAID controller is not responding.

**Recommended Response Action**  
Retry the operation. If the problem persists, reboot the system or update the RAID controller firmware to the latest version and retry the operation.

**Category**  
Storage (STOR = Storage)
STOR0511

Message: Unable to change the encryption key.
Detailed Description: Unable to change the encryption key due to an internal error.
Recommended Response Action: Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation.
Category: Storage (STOR = Storage)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

STOR0512

Message: Unable to apply the encryption key.
Detailed Description: Unable to apply the encryption key due to an internal error.
| **Recommended** | Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation. |
| **Response Action** | |
| **Category** | Storage (STOR = Storage) |
| **Severity** | Severity 1 (Critical) |
| **Redfish Event Type** | Alert |

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**STOR0513**

| **Message** | Unable to encrypt virtual disks. |
| **Detailed Description** | Unable to encrypt unsecure virtual disks due to an internal error. |
| **Recommended Response Action** | Exit Lifecycle Controller, press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem persists, update the RAID controller firmware to the latest version and retry the operation. |
| **Category** | Storage (STOR = Storage) |
| **Severity** | Severity 1 (Critical) |
| **Redfish Event Type** | Alert |

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1778
STOR0514

Message
Unable to initialize the selected physical disk drive(s).

Detailed Description
The physical disk drive(s) cannot be initialized because the selected RAID controller does not support this operation while in non-RAID mode.

Recommended Response Action
Do one of the following: 1) Select a controller that is in RAID mode and retry the operation. 2) Update the controller firmware to the latest version and retry the operation.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

STOR052

Message
Unable to create virtual disk, maximum number of created virtual disks per controller or diskgroup has been reached.

Detailed Description
Virtual disks cannot be created because the maximum number of logical drives per controller or diskgroup is reached.

Recommended Response Action
Refer to the Users Guide of the specific controller available at the support site for information on the number of supported virtual disks allowed.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR053

Message
The controller key is not present. The key must be retrieved from the Dell Key Management Server.
Detailed Description
The system could not obtain a controller key from the Dell Key Management Server.

Recommended Response Action
For more information about obtaining a key, see Dell Key Manager or Lifecycle Controller Remote Services Guide available at dell.com/support/manuals.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR054

Message
Controller is not CacheCade capable.

Detailed Description
The controller or the firmware on the controller does not support the CacheCade feature.

Recommended Response Action
Refer to the specific controller users guide for more information.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR055

Message
BIOS does not support Dell Key Manager capabilities.

Detailed Description
The BIOS on the server is not Dell Key Management capable.

Recommended Response Action
For more information about key management capabilities, see Dell Key Manager or Lifecycle Controller Remote Services Guide available at dell.com/support/manuals.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR056

Message
Physical disk is not security capable.

Detailed Description
Unable to complete the requested operation because the specified physical disk does not support data encryption.
<table>
<thead>
<tr>
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<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOR057</td>
<td>The specified RAID controller is not currently available for configuration.</td>
<td>The instrumentation for the specified RAID controller is not in state where the requested operation can be performed because system inventory collection (the CSIOR feature) has not been executed.</td>
<td>Enable the CSIOR (Collect System Inventory On Restart) feature and restart the server to cause CSIOR execution. Make sure the Remote Services status is Ready and retry the operation. To get the Remote Services status, invoke the GetRSSStatus method. For more information about this method, see Lifecycle Controller Remote Services Guide.</td>
</tr>
<tr>
<td>STOR058</td>
<td>This operation is not supported on this device.</td>
<td>The operation is not supported on the target device.</td>
<td>For more information, see Lifecycle Controller-Remote Services documentation.</td>
</tr>
<tr>
<td>STOR059</td>
<td>The requested operation is not currently valid because there are no virtual disks on the controller.</td>
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</tbody>
</table>
The requested operation cannot be completed because there are no virtual disks (VD) available on the specified controller.

Recommended Response Action
Create a virtual disk and retry the operation.

Category Configuration (STOR = Storage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

STOR060

Configuration operations are not supported on the specified storage controller.

The requested operation is not supported on the specified storage controller.

For more information about supported operations, see the documentation specific for the targeted storage controller.

Category Configuration (STOR = Storage)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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STOR061

Initializing virtual disk is not supported on the RAID controller.

The initializing virtual disk operation is not supported on the target device.

For more information about supported operations, see the documentation specific for the targeted RAID controller or the Lifecycle Controller Remote Services Quick Start Guide.

Category Configuration (STOR = Storage)
STOR062

Message
One or more physical disks specified are full and cannot be used to create additional virtual disks.

Recommended Response Action
Make sure all physical disks specified to create a virtual disk have the required amount of free space and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR063

Message
Unable to assign the specified virtual disk to multiple Virtual Adapters in single assignment mode.

Detailed Description
In order to prevent data loss, the system has prevented the assignment of a Virtual Disk to multiple Virtual Adapters because the clustered assignment mode is not enabled.

Recommended Response Action
Enable clustered assignment mode or unassign the virtual disk from the Virtual Adapter it is currently assigned to and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message
STOR064

Message
One or more physical disks specified for creating a virtual disk do not have the same block size.

Detailed Description
Unable to create the requested virtual disk because the physical disks specified did not have the same block size.

Recommended Response Action
Verify that the physical disks selected for creating the virtual disk have the same block size and retry the operation. The block size can be determined by reviewing the physical disk inventory and checking the BlockSize property for each physical disk.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR065

Message
One or more physical disks specified for creating a virtual disk are not T10 Protection Information capable.

Detailed Description
Unable to create the requested virtual disk because one or more specified physical disk(s) is not T10 Protection Information capable.

Recommended Response Action
Verify that the physical disks selected for creating a virtual disk are T10 Protection Information capable, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR066

Message
Controller is not T10 Protection Information capable.

Detailed Description
The requested operation did not succeed because the selected RAID controller is not T10 Protection Information capable.

Recommended Response Action
Verify that the RAID controller selected for the operation is T10 Protection Information capable, and then retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
STOR067

Message: Controller does not support uneven span RAID10 virtual disks.
Detailed Description: The operation did not succeed since the selected controller does not support creating uneven span RAID10 virtual disks.
Recommended Response Action: The selected controller is not capable of creating an uneven span RAID10 virtual disk. Specify the proper span length and span depth combination for creating RAID10 virtual disk on the selected controller, and then retry the operation.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR068

Message: Unable to perform the requested RAID configuration because the Lifecycle Controller version on the server does not have the necessary capabilities.
Detailed Description: The requested RAID configuration operation did not succeed because the Lifecycle Controller version on the target server does not have the necessary capabilities.
Recommended Response Action: Check the Lifecycle Controller version on the target server and update it with the latest version available.
Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

STOR069

Message: Unable to run the \texttt{arg1} method, because the number of elements entered for \texttt{VDPropNameArry} and \texttt{VDPropValueArray} is unequal.
Arguments: \texttt{arg1 = method name}
Detailed Description: The method name identified in the message could not be successfully completed, because the number of elements entered for \texttt{VDPropNameArry} and \texttt{VDPropValueArray} is not equal.
Recommended Response Action: Enter equal number of elements (pair value), and then retry the operation.
Category: Configuration (STOR = Storage)
STOR070

Message
Unable to run the WS-MAN method arg1, because an invalid parameter arg2 is entered.

Arguments
arg1 = method name, arg2 = parameter name

Detailed Description
The method name identified in the message could not be successfully completed, because the number of elements entered for VDPropNameArry and VDPropValueArray is not equal.

Recommended Response Action
Enter a valid parameter, and then retry the operation. For more information about a valid parameter, refer to the SimpleRAIDProfile document available at Dell Tech Center http://en.community.dell.com/techcenter/extras/m/white_papers/20263535.aspx

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR0701

Message
Storage objects are unavailable in the current system configuration.

Detailed Description
There are no RAID controllers, physical disks or virtual disks discovered by instrumentation that can be configured.

Recommended Response Action
Storage objects are unavailable in the current system configuration. Make sure that the storage devices are installed in the system, and then retry the operation after the Collect System Inventory On Restart (CSIOR) feature has updated the system inventory. If the issue persists, contact your service provider.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

STOR0702

Message
The value entered for the arg1 option is invalid

Arguments
arg1 = option name
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>The value entered for the option name identified in the message is invalid.</th>
</tr>
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<tbody>
<tr>
<td>Recommended Response Action</td>
<td>For more information, run the RACADM command &quot;racadm raid help createvd&quot;.</td>
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**STOR071**

**Message**

The Span Count is not valid for creating a RAID 10. Valid Span counts are arg1.

**Arguments**

arg1 = valid span counts

**Detailed Description**

The configuration operation could not be performed because the specified span count is not valid.

**Recommended Response Action**

Enter a valid span count, and then retry the operation.

**Category**

Configuration (STOR = Storage)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

*No alerts are applicable for this message*

**STOR072**

**Message**

iDRAC Service Module (ISM) is either not present or not running on the server OS.

**Detailed Description**

The configuration operation could not be performed because it requires iDRAC Service Module (ISM) service to be present and running in the server Operating System.

**Recommended Response Action**

Make sure the iDRAC Service Module (ISM) service is running on the server Operating System and then retry the operation. Refer to the iDRAC User Guide for installing and starting ISM.
STOR073

Message: The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation.

Detailed Description: The iDRAC Service Module version present on the server OS does not support the requested PCIe SSD (NVMe) device operation.

Recommended Response Action: Update the Dell iDRAC Service Module (ISM) to the version that supports the requested operation on the PCIe SSD (NVMe) device.

STOR074

Message: The requested RAID configuration operation is not allowed because the controller is currently in HBA mode.

Detailed Description: The requested RAID configuration operation will not be allowed because the RAID controller is currently in HBA mode.

Recommended Response Action: In order to perform a RAID configuration operation, change the controller mode to RAID and retry the operation. For switching to RAID mode using the F2 System Setup utility, go to Device Settings > "RAID Controller” > Controller Management > Advanced Controller Management > Switch to RAID mode.

STOR075

Message: The operation cannot be performed because the enclosure configuration mode (Split or Unified) change request is pending.
Detailed Description: The requested operation could not be completed because there is an operation pending to change the enclosure configuration mode (Split or Unified). This operation is exclusive because it involves changing the RAID backplane topology.

Recommended Response Action: Do one of the following: 1) Create a job to complete the pending enclosure mode change request operation, allow the job to complete, restart the server, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR076

Message: Enclosure configuration mode (Split/Unified) cannot be changed because there are already pending operations.

Detailed Description: The requested operation could not be completed because at least one other pending operation was found on the RAID controller. This operation needs exclusivity because it involves changing RAID backplane topology.

Recommended Response Action: Do one of the following: 1) Create a job to complete the pending operations, allow the job to complete, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

STOR077

Message: Unable to change Patrol Read State since Patrol Read Mode is not set to Manual.

Detailed Description: A Patrol Read State change operation cannot be performed if the Patrol Read Mode is not set to Manual.

Recommended Response Action: Change the Patrol Read Mode to Manual before performing a Patrol Read State change operation.

Category: Configuration (STOR = Storage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
### STOR078

**Message**
The requested operation requires a reboot type that does not match the reboot type required for pending operations.

**Detailed Description**
The requested operation cannot be performed because it involves server reboot type which is different than the reboot type of pending operations. Combining operations with different reboot types for the same RAID controller is not supported by iDRAC.

**Recommended Response Action**
Cancel any pending operations on the RAID controller and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### STOR079

**Message**
The device does not support this operation or is in a state that does not allow this operation.

**Detailed Description**
The requested operation cannot be performed because it is either not supported by the device or the device was not in the right state to perform the operation.

**Recommended Response Action**
Make sure the device supports the requested operation. If the operation is supported, then make sure the server is turned on and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### STOR081

**Message**
The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match.

**Detailed Description**
The job could not be created because the reboot type selected for the job creation and the reboot type required for pending operations do not match.

**Recommended Response Action**
Change the reboot type for job creation and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)
STOR082

Message: The operation cannot be stopped or cancelled because the operation is not currently running.

Detailed Description: The operation cannot be stopped or canceled because the operation is not currently running.

Recommended Response Action: Make sure the operation is running before attempting to cancel or stop the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

STOR083

Message: The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size.

Detailed Description: The Physical Disk(s) specified are too small to create a Virtual Disk of the requested size.

Recommended Response Action: Specify Physical Disk FQDD IDs of physical disk drive(s) that have a larger disk space, and retry the operation.

Category: Configuration (STOR = Storage)

Severity: Severity 2 (Warning)

STOR084

Message: Unable to create the job because another job is currently running.

Detailed Description: The requested job cannot be run because another job is currently running. Two options for running jobs on multiple storage controllers are: 1) Run the jobs on each controller individually. Wait for each job to complete before starting the configuration and job creation on the next controller. 2) Schedule multiple jobs to run at a later time using the scheduling options.

Recommended Response Action: Make sure that the currently running job is completed, and then retry the operation. If necessary, recreate the configuration and the job. For information
about running jobs on multiple storage controllers, see the iDRAC Online Help or iDRAC Users Guide.

Category  
Configuration (STOR = Storage)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

No alerts are applicable for this message

**STOR089**

**Message**  
The storage configuration operation is successfully completed and the change is in pending state.

**Detailed Description**  
The storage configuration operation is successfully completed and the change is in pending state.

**Recommended Response Action**  
To apply the configuration operation immediately, create a configuration job using the --realtime option. To create the necessary real-time job, run the jobqueue command. For more information about jobqueue command, run the racadm help jobqueue command.

Category  
Storage (STOR = Storage)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

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**STOR090**

**Message**  
Unable to create a virtual disk because an invalid combination of span count or number of disks was entered for the RAID level selected.

**Detailed Description**  
Unable to create a virtual disk because an invalid combination of span count or disks passed was entered for the RAID level selected.

**Recommended Response Action**  
Enter a span count value (-sc option) or number of disks (-pdkey option) that is appropriate for the RAID level selected. See the PERC Controller Users Guide for valid span count and number of disks required for a raid level. Retry the operation by running the RACADM storage createvd command with the appropriate options.
STOR092

**Message**
Unable to run the configuration operation on the controller because foreign configuration import operation is in progress.

**Detailed Description**
The requested configuration operation cannot be run because a foreign configuration import operation on the controller is already in progress.

**Recommended Response Action**
Wait for the import process to complete before running any configuration operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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STOR093

**Message**
Unable to run the configuration operation because the controller is not available for the import process.
Detailed Description: The configuration operation cannot be performed because the controller is not available for import process.

Recommended Response Action: Make sure an operation is not pending on the controller. If an operation is pending, wait for the operation to complete or cancel the pending operation and then retry the operation. Refer to the storage controller documentation for compatibility information.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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STOR094

Message: The storage configuration operation is successfully completed and the change is in pending state.

Detailed Description: The storage configuration operation is successfully completed and the change is in pending state.

Recommended Response Action: To apply the configuration operation immediately, create a configuration job using the --realTime option. To apply the configuration after restarting the server, create a configuration job using the -r option. To create the necessary real-time and restart jobs, run the jobqueue command. For more information about jobqueue command, run the racadm help jobqueue command.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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STOR095

**Message**
Storage operation is successfully completed.

**Detailed Description**
Storage operation is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

STOR096

**Message**
Unable to create a virtual disk because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB).

**Detailed Description**
A virtual disk cannot be created because the disk space size value entered for the virtual disk is less than the lower limit value (100 MB).

**Recommended Response Action**
Enter a value (the -size option) equal or higher than 100 MB, and then retry the operation.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
Unable to complete the operation because the memory size of the physical disk drive is less than the available or entered virtual disk size.

A virtual disk cannot be created because the memory size of the physical disk drive is less than available or entered virtual disk size.

Enter the FQDD of a physical disk drive that has a larger disk space, and then retry the operation. To view a list of physical disk drives and associated disk space, run the RACADM command “racadm storage get pdisks -o -p size”. To view a list of virtual disks and associated size, run the RACADM command “racadm storage get vdisks -o -p size”.

STOR099

Unable to find the FQDD arg1 because an invalid FQDD is entered or an operation is pending on the specified FQDD.

arg1 = component FQDD
Detailed Description  The FQDD cannot be found because an invalid FQDD is entered or an operation is pending on the FQDD identified in the message.

Recommended Response Action  Do the following and then retry the operation: 1) Make sure the FQDD entered is valid. 2) Make sure an operation is not pending on the FQDD identified in the message. For more information refer to the RACADM Command Line Reference Guide.

Category  Storage (STOR = Storage)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

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**STOR1**

Message  A device arg1 is in an unknown state.

Arguments  arg1 = device name

Detailed Description  The controller cannot communicate with a device. The state of the device cannot be determined. There may be a bad or loose cable, or a missing device, or a problem with the driver or firmware.

Recommended Response Action  See the storage hardware documentation for information on checking the cables. Check for problems with any enclosures attached to the system. Verify that the controller has a supported version of the driver and firmware. Rebooting the system may resolve this problem.

Category  Storage (STOR = Storage)

Severity  Severity 2 (Warning)

Trap/EventID  4178

OMSA Event ID  2265

OMSA Trap ID  75300;80300;85300;90300;95300;100300;105300;110300;115300;120300

Redfish Event Type  Alert
### STOR10

**Message**
Access to shared storage will not be available, because the RAID controller is unable to turn on.

**Detailed Description**
The RAID controller was detected, however it is unable to turn on. Access to shared storage will not be available.

**Recommended Response Action**
Update the Chassis Infrastructure firmware.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4177

**Redfish Event Type**
Alert

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### STOR11

**Message**
The currently detected hardware configuration is High Availability Ready. However, the current software solution does not yet support high availability.

**Detailed Description**
The current hardware configuration is setup correctly for High Availability. However, the current firmware does not provide this functionality and one of the cards will be kept in a powered down state until High Availability capable firmware is installed.
**STOR12**

**Message**  
Chassis is operating with a disabled RAID controller.

**Detailed Description**  
One or more RAID controllers is disabled. This prevents Fault Tolerant mode from operating.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (STOR = Storage)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4179

**Redfish Event Type**  
Alert

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STOR13

Message
Unable to set the operation mode of the newly inserted storage sled in slot arg1 to Split Single or Split Dural Host, because the storage sled has only one PERC controller.

Arguments
arg1 = slot number

Detailed Description
The operation mode of the newly inserted storage sled in the slot identified in the message cannot be set because the storage sled has only one PERC controller. The operation mode will only be Join after part replacement.

Recommended Response Action
Make sure that the newly inserted storage sled has the same number of PERC controllers as the previous storage sled so that the new sled will have the same operation mode after part replacement.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Trap/EventID
4178

Redfish Event Type
Alert

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STOR14

Message
The peripheral sled in slot arg1 initialization is not complete.

Arguments
arg1 = slot number

Detailed Description
Peripheral sled initialization is not successful with following possible reasons: 1) FRU is not functioning. 2) Sled internal components are not responding. 3) Component power state is not good. 4) Hardware configuration errors.

Recommended Response Action
Do the following: 1) Check system log for further information about the issue, 2) Remove and re-insert the peripheral sled identified in the message or virtual reseat the sled, 3) Reset the CMC and wait for a few minutes for the CMC to finish restarting. If the issue persists, contact your service provider.

Category
Storage (STOR = Storage)

Severity
Severity 1 (Critical)
STOR15

Message
The storage sled arg1 is improperly configured.

Arguments
arg1 = slot number

Detailed Description
The storage sled identified in the message was inserted in a location which does not support split dual host operation mode. The storage sled can functionally work in the current location with only primary PERC controller enabled.

Recommended Response Action
Do one of the following: 1) Change the operating mode of the storage sled identified in the message. 2) Insert the storage sled to a different slot.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Trap/EventID
4178

Redfish Event Type
Alert

STOR16

Message
The storage sled arg1 configuration is normal.
Arguments: $arg1$ = slot number

Detailed Description: The configuration of the storage sled in the slot identified in the message is normal.

Recommended Response Action: No response action is required.

Category: Storage (STOR = Storage)

Severity: Severity 3 (Informational)

Trap/EventID: 4179

Redfish Event Type: Alert

---

STOR17

Message: The fault-tolerant pair of RAID controllers $arg1$ and $arg2$ can have issues in their PCIe fabric because both controllers are on the same PCIe fabric.

Arguments: $arg1$ = RAID controller 1, $arg2$ = RAID controller 2

Detailed Description: The two RAID controllers are on the same PCIe Fabric. This means that an issue with a single PCIe switch or Mezzanine card could result in the loss of all storage functionality from this pair of controllers.

Recommended Response Action: Change the slot location of one of the RAID Controllers.

Category: Storage (STOR = Storage)

Severity: Severity 2 (Warning)

Trap/EventID: 4178

Redfish Event Type: Alert

---

1802
A Shared Storage device is detected in slots other than Chassis Slots 5 and 6. This configuration is not currently supported.

Utilizing Shared Storage add-in cards outside of slots 5 and 6 is not supported. The card will be allowed to turn on, however some functionality may be degraded.

Remove the shared storage device from the unsupported slot and place it in slot 5 or 6.

Storage (STOR = Storage)

Severity 2 (Warning)

4178

Alert

SCSI sense data arg1.

arg1 = args

A SCSI device experienced an error, but may have recovered.

No response action is required.

Storage (STOR = Storage)

Severity 3 (Informational)

4179
STOR3

Message  CEM Storage Management has lost communication with the arg1.
Arguments  arg1 = Controller Name
Detailed Description  Storage Management has lost communication with a controller. This may occur if
the connectivity between the controller and iDRAC is disrupted or any underlying
hardware problems are encountered.
Recommended Response Action  Reboot the system or iDRAC. If the problem is not resolved, contact technical
support.
Category  Storage (STOR = Storage)
Severity  Severity 1 (Critical)
Trap/EventID  4177

STOR300

Message  Unable to change the controller mode because there are already pending
operations.
**STOR301**

**Message**
Unable to perform the operation because the controller mode change request is pending.

**Detailed Description**
The requested operation could not be completed because there is an operation pending to change the controller mode. This operation is exclusive because it requires a server reboot for changes to apply.

**Recommended Response Action**
Do one of the following: 1) Create a job to complete the pending controller mode change request operation, allow the job to complete, restart the server, and then retry the operation. 2) Cancel any pending operations on the RAID controller, and then retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**STOR302**

**Message**
Unable to create the job because the Apply Operation Mode selected is not supported for this operation.

**Detailed Description**
The job could not be created because the Apply Operation Mode selected is not supported for this operation.

**Recommended Response Action**
Choose a different Apply Operation mode "Apply at Next Reboot" from the Apply Operation Mode drop-down menu.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message
STOR303

Message
Unable to change controller mode while foreign configuration is present on the controller.

Detailed Description
Controller mode cannot be changed as the controller has foreign configuration associated with it.

Recommended Response Action
Clear the foreign configuration and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR304

Message
Unable to change controller mode while Virtual Disks and/or Hotspares are present on the controller.

Detailed Description
Controller mode cannot be changed as the controller has virtual disk or hotspare associated with it.

Recommended Response Action
Delete the Virtual Disks and/or Hotspares and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

STOR305

Message
Unable to change controller mode while there is preserved cache present on the controller.

Detailed Description
Controller mode cannot be changed as controller has a preserved cache.

Recommended Response Action
Delete the preserved cache and retry the operation.

Category
Configuration (STOR = Storage)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
**STOR306**

**Message**
Unable to change controller mode while security key is assigned to the controller.

**Detailed Description**
Controller mode cannot be changed as the controller currently has the security key assigned.

**Recommended Response Action**
Delete the security key and retry the operation.

**Category**
Configuration (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**STOR307**

**Message**
Unable to perform the configuration operation because the export log operation is currently in progress.

**Detailed Description**
Unable to perform the configuration operation because the export log operation is currently in progress.

**Recommended Response Action**
Wait until the current export operation is complete, and then try the configuration operation again.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**STOR308**

**Message**
The Controller is in HBA mode, RaidAction CreateAuto value is not supported.

**Detailed Description**
The Controller is in HBA mode, RaidAction CreateAuto value is not supported.

**Recommended Response Action**
In order to perform a RAID configuration operation, change the controller mode to RAID and retry the operation. For switching to RAID mode using the F2 System Setup utility, go to Device Settings > “RAID Controller” > Controller Management > Advanced Controller Management > Switch to RAID mode.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)
### STOR309

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<td><strong>No alerts are applicable for this message</strong></td>
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#### Message
Unable to run the command because multiple targets must not be entered as input in the Blink/UnBlink Target method.

#### Detailed Description
The command cannot be run because multiple targets must not be entered as input in the Blink/Unblink Target method.

#### Recommended Response Action
Enter only one target FQDD (Fully Qualified Device Descriptor), and then retry the operation.

#### Category
Storage (STOR = Storage)

#### Severity
Severity 3 (Informational)

### STOR310

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#### Message
Unable to initialize the virtual disk because the RAID controller selected does not support the initialization mode.

#### Detailed Description
The virtual disk cannot be initialized because the RAID controller selected does not support the initialization mode.

#### Recommended Response Action
Make sure that the RAID controller selected for the operation supports the initialization mode, and then retry the operation. For more information about supported RAID controllers, see the specific documentation of RAID controller. Also, refer to the Dell Lifecycle Controller Remote Services Quick Start Guide available at the support site.

#### Category
Storage (STOR = Storage)

#### Severity
Severity 2 (Warning)

### STOR311

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#### Message
A firmware update was applied to a drive that requires a DC power cycle (cold boot). If the drive is in an external enclosure, the updated firmware will only be activated after a DC power cycle of the enclosure.

#### Detailed Description
A drive firmware update was applied but requires a DC power cycle (cold boot) to activate. If the drive is internal to the system performing the update, no further
action is required. If the drive is in an external enclosure, the enclosure must be
turned off and then turned on in order for the updated drive firmware to activate.

Recommended Response Action
If the drive is internal to the system performing the update, no further action is
required. If the drive is in an external enclosure, the enclosure must be turned off
and then turned on in order for the updated drive firmware to activate. After
turning off the external enclosure, wait for drives to spin down before turning the
enclosure back on. The drive firmware will activate after the enclosure is turned
back on.

Category Storage (STOR = Storage)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

STOR312

Message Unable to update the firmware of the physical disk drive arg1 because an incorrect
firmware image file is used.

Arguments arg1 = drive model

Detailed Description The firmware package being used to update the physical disk drive is not valid for
the drive model identified in the message. The firmware package contains the drive
component id in the list of supported drives, but the firmware image is not valid for
the drive model identified in the message.

Recommended Response Action Acquire the correct firmware image file for the drive model identified in the
message, and then retry the operation. The correct image file can be found by
using the drive model information and searching the support site for related
firmware.

Category Storage (STOR = Storage)
Severity Severity 2 (Warning)
Redfish Event Type Alert
STOR4

**Message**
CEM Storage Management encountered internal error.

**Detailed Description**
There was a software problem in initializing the CEM storage management components. Storage inventory and monitoring will be affected.

**Recommended Response Action**
Reboot the system or iDRAC. If the problem is not resolved, contact technical support.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4177

**Redfish Event Type**
Alert

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STOR5

**Message**
Redundancy lost. arg1

**Arguments**
arg1 = VD/Enclosure Name

**Detailed Description**
A virtual disk or enclosure has lost data redundancy. In the case of a virtual disk, one or more physical disks included in the virtual disk have failed. Due to the failed physical disk or disks, the virtual disk is no longer maintaining redundant (mirrored or parity) data. The failure of an additional physical disk will result in lost data. In the case of an enclosure, more than one enclosure component has failed. For example, the enclosure may have suffered the loss of all fans or all power supplies.

**Recommended Response Action**
Identify and replace the failed components. To identify the failed component, select the Storage object and click the Health subtab. The controller status displayed on the Health subtab indicates whether a controller has a failed or degraded component. Click the controller that displays a Warning or Failed status. This action displays the controller Health subtab which displays the status of the individual controller components. Continue clicking the components with a Warning or Failed status until you identify the failed component. See Storage Health for more information. See the enclosure documentation for information on replacing enclosure components and for other diagnostic information.
STOR6

Message: CEM Storage Management detected inventory change(s) after host re-boot.

Detailed Description: A comparison of storage inventory collected before and after the host re-boot/reset reports differences. There could have been some storage components added or removed when the host was powered down.

Recommended Response Action: No response action is required.
**STOR7**

**Message**
The storage management instrumentation is performing an inventory refresh operation.

**Detailed Description**
The storage monitoring instrumentation detected a burst of events from underlying storage controllers. To overcome this overload condition, all the outstanding events have been purged and a fresh inventory will be performed automatically.

**Recommended Response Action**
No response action is required.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4179

**Redfish Event Type**
Alert

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**STOR8**

**Message**
Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on.

**Detailed Description**
High Availability RAID is not supported by this firmware release. This event may occur during the upgrade process.

**Recommended Response Action**
Remove one RAID controller.

**Category**
Storage (STOR = Storage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4178

**Redfish Event Type**
Alert
STOR9

Message
No RAID controllers have been detected. Access to shared storage will not be available.

Detailed Description
No supported RAID controllers have been detected. Access to shared storage will not be available.

Recommended Response Action
Ensure supported RAID controllers are installed.

Category
Storage (STOR = Storage)

Severity
Severity 2 (Warning)

Trap/EventID
4178

Redfish Event Type
Alert

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<td>✔</td>
<td>✔*</td>
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</tbody>
</table>

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<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
</tr>
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</tbody>
</table>

iDRAC

CMC ✔ ✔*
SUP Event Messages

SUP001

Message: Insufficient parameters provided.
Detailed Description: Insufficient Parameters provided for the WSMAN command.
Recommended Response Action: Make sure the parameters are correct and in the right number and format and retry the action.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP002

Message: Job creation failure.
Detailed Description: Could not create a new job because of a network error or an unresponsive iDRAC.
Recommended Response Action: Retry the action. If this fails, reboot the iDRAC.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP003

Message: Invalid URI, target or reboot flag.
Detailed Description: One of the uniform resource input (URI) string, target or reboot flag parameters is missing or exceeds the prescribed length.
Recommended Response Action: Verify that the URI, target or reboot flag parameter values are correct and retry the action.
Category: Updates (SUP = FW Update Job)
SUP005

Message: Invalid reboot value.
Detailed Description: Reboot value specified is not supported.
Recommended Response Action: Verify the reboot value and retry the action. Current options available are 1) Power Cycle 2) Graceful shutdown without forced shutdown 3) Graceful shutdown with forced shutdown (~10 minutes wait time).
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP006

Message: Update package downloading - Delete failed.
Detailed Description: The DUP is being downloaded and the update cannot be deleted while the download is in progress
Recommended Response Action: Wait until the update package is downloaded and retry the action. The download can take more than 5 minutes depending on network speed and size of the update package.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP007

Message: iDRAC busy - Delete failed.
Detailed Description: The iDRAC communication channel is open and being used by another process; this can be caused by an open session of USC locally on the server.
Recommended Response Action: If USC is in use, wait until USC has exited and retry the action. Otherwise retry after 30 seconds to check if network connectivity caused this error.
Category: Updates (SUP = FW Update Job)
SUP009

Detailed Description: Because of the size of the driver pack, the update process removes the older version of the driver pack from the system before installing the newer version. For that reason, the driver pack update cannot be deleted.
Recommended Response Action: Wait for the Driver Pack update to complete. To revert to the previous version of the update, download and update the firmware to the version desired.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SUP0100

Message: Firmware update operation failed.
Detailed Description: The firmware update operation failed.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SUP0101

Message: Unable to get firmware update status.
Detailed Description: Unable to get the update status.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)
SUP0102

Message: Invalid TFTP IP address specified.
Detailed Description: The TFTP IP Address specified is invalid.
Recommended Response Action: Specify a valid TFTP IP Address.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

SUP0103

Message: TFTP IP address is not reachable.
Detailed Description: The specified TFTP server is not reachable.
Recommended Response Action: Check if the TFTP server is alive.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)

SUP0104

Message: TFTP Source path too long.
Detailed Description: The source path needs to be lesser than 64 characters.
Recommended Response Action: Enter a source path < 64 characters.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
SUP0105

Message: Invalid firmware image
Detailed Description: The firmware image provided by the user is not valid.
Recommended Response Action: Provide a valid firmware image.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SUP0106

Message: Unable to locate firmware image file in specified path.
Detailed Description: There is no firmware image present at the specified path.
Recommended Response Action: Check if the firmware image is present at the specified path.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SUP0107

Message: File path too long.
Detailed Description: The file path provided as a parameter is too long.
Recommended Response Action: Shorten the length of the string given as file path by either moving the file or renaming the folders along the path.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
SUP0108

Message  A firmware update operation is already in progress.
Detailed Description  The firmware update is in progress and another update cannot be done.
Recommended Response Action  Wait for the update operation to conclude and then re-try.
Category  Updates (SUP = FW Update Job)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SUP0109

Message  A TFTP IP address has not been specified but is required.
Detailed Description  The firmware update cannot proceed without the TFTP IP address.
Recommended Response Action  Specify the TFTP IP address.
Category  Updates (SUP = FW Update Job)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SUP011

Message  Invalid Job ID specified.
Detailed Description  The specified Job ID was not found in the job queue.
Recommended Response Action  Verify the job ID and retry the action. Retrieve all open jobs by issuing the GetAllJobs command.
Category  Updates (SUP = FW Update Job)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
### SUP0110

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Uninitializing firmware update services. Please wait...</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The firmware update is being uninitialized.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = FW Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SUP0111

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Timeout waiting for firmware update process to complete.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Firmware Update time-out occurred.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Re-try the firmware update process.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = FW Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
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<td><strong>Redfish Event Type</strong></td>
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*No alerts are applicable for this message*

### SUP0112

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The -p option is not currently supported for remote RACADM and the operating system being used.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The requested option is not available for remote racadm/operating system.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Updates (SUP = FW Update Job)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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<tr>
<td><strong>Redfish Event Type</strong></td>
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*No alerts are applicable for this message*
SUP0113
Message: TFTP firmware update is currently disabled.
Detailed Description: The cfgRhostsFwUpdateTftpEnable object must be set.
Recommended Response Action: Set the cfgRhostsFwUpdateTftpEnable object in cfgRemoteHosts group using config subcommand.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP0114
Message: The firmware update operation could not be completed successfully.
Detailed Description: The firmware update process failed.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP0115
Message: A firmware update is currently in progress. Unable to reset the RAC at this time.
Detailed Description: The rac cannot be reset, while the firmware update is in progress.
Recommended Response Action: Wait for the firmware update to finish.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
### SUP0116

**Message**  
The RAC configuration has initiated restoration to factory defaults. Please wait up to a minute for this process to complete before accessing the RAC again.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SUP0117

**Message**  
Firmware rollback initiated successfully. The iDRAC will now reset to complete the firmware rollback operation.

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SUP0118

**Message**  
iDRAC reset failed. Please reset the iDRAC manually to complete the firmware rollback operation.

**Detailed Description**  
Success message.

**Recommended Response Action**  
Manually reset the iDRAC.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert
SUP0119
Message: Firmware rollback failed
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SUP0120
Message: Preparing for firmware update. Please wait...
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SUP0121
Message: Firmware update in progress [arg1 percent complete]
Arguments: arg1 = Extent of completion
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
SUP0122

Message: Firmware update completed successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SUP0123

Message: Firmware update completed successfully. The RAC is in the process of resetting. Your connection will be lost. Please wait up to a minute before starting a new session.
Detailed Description: Success message.
Recommended Response Action: Re-connect to the iDRAC after a minute.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SUP0124

Message: Firmware update is not currently in progress
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>Current firmware update status is unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Updates (SUP = FW Update Job)</td>
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<tr>
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No alerts are applicable for this message

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<th>Firmware update in progress. Please wait...</th>
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<tr>
<td>Detailed Description</td>
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<tr>
<td>Recommended Response Action</td>
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No alerts are applicable for this message

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<th>Message</th>
<th>Verifying firmware image</th>
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<tbody>
<tr>
<td>Detailed Description</td>
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<tr>
<td>Recommended Response Action</td>
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No alerts are applicable for this message
### SUP0128

**Message**  
Ready for firmware update

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SUP0129

**Message**  
Resetting the RAC. Please wait...

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SUP013

**Message**  
Update in progress - Delete failed.

**Detailed Description**  
The update process is underway and cannot be deleted.

**Recommended Response Action**  
Do not try to delete the job when the update process is underway. To revert to the previous version of the update, download and update the firmware to the version desired or run the rollback command to go back to the previous version.

**Category**  
Updates (SUP = FW Update Job)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
SUP0130

**Message**
TFTP firmware update has been initiated. This update process may take several minutes to complete.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

SUP0131

**Message**
FTP firmware update has been initiated. This update process may take several minutes to complete.

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

SUP014

**Message**
Unknown error - Delete failed.

**Detailed Description**
An unknown error was encountered while trying to delete the job.

**Recommended Response Action**
Retry the action. If this fails, reboot the iDRAC.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SUP015

Message: Input parameters values should not be NULL.
Detailed Description: One of the parameters specified received a NULL value that prevented the action from completing.
Recommended Response Action: Correct the parameter value and retry the command.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP016

Message: Job cannot be scheduled.
Detailed Description: Only jobs with the job status of Downloading / Downloaded / Pending Reboot can be scheduled.
Recommended Response Action: In case there is an update job, wait until the job status is Downloaded and then retry the action.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP017

Message: Invalid start time.
Detailed Description: The specified start time is invalid.
Recommended Response Action: Start Time should be in the form YYYYMMDDHHMMSS. Or it should be TIME_NOW to specify an immediate update or reboot. Verify the specified start time and retry the action.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
SUP018

Message: Invalid until time.
Detailed Description: The specified until time is invalid.
Recommended Response Action: Until Time should be in the form YYYYMMDDHHMMSS. Verify the specified until time and retry the action.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP019

Message: Lifecycle Controller is not enabled.
Detailed Description: For 11G systems: System Services must be enabled to perform the requested operation. System Services has been disabled through the iDRAC configuration utility accessed by pressing CTRL+E on boot up or through a remote operation. For 12G systems: Lifecycle Controller must be enabled to perform the requested operation. Lifecycle Controller has been disabled by pressing F2 Setup, selecting iDRAC Configuration, and selecting Lifecycle Controller Settings on boot up or through a remote operation.
Recommended Response Action: For 11G systems: Use the iDRAC configuration utility to enable the System Services by pressing on the CTRL+E option on boot up at the targeted system. For 12G systems: Use F2 Setup, select iDRAC Configuration, and select Lifecycle Controller Settings, to enable the Lifecycle Controller on boot up of the targeted system.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP020

Message: The specified job was deleted
Detailed Description: The specified job was successfully deleted from the job queue.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
SUP021

Message: Diagnostics, Driver Pack or Lifecycle Controller update is a direct update and cannot be scheduled.

Detailed Description: Diagnostics and USC updates are direct updates and cannot be scheduled.

Recommended Response Action: Do not schedule USC or Diagnostics Jobs.

Category: Updates (SUP = FW Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SUP022

Message: Job store has reached the maximum storage limit.

Detailed Description: JobStore file has exceeded the size limit. Delete all unneeded JobIDs from the job store.

Recommended Response Action: New JobId cannot be stored. Manually delete the failed jobs and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SUP023

Message: Duplicate JobID provided as inputs for scheduling.

Detailed Description: Duplicate/Invalid JobID was provided as input for scheduling.

Recommended Response Action: Verify the job ID and retry the action. Retrieve all open jobs by issuing the GetAllJobs command.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SUP024

Message: InstanceID value provided for the update operation is invalid
Detailed Description: The InstanceID value provided for update operation is invalid.
Recommended Response Action: Enumerate inventory, copy the InstanceID value and provide that value for the update operation
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SUP025

Message: The command was successful
Detailed Description: Generic message to show that last command was successful.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SUP026

Message: The input value entered for the parameter arg1 is invalid.
Arguments: arg1 = parameter
Detailed Description: The value entered for the parameter identified in the message is invalid.
Recommended Response Action: Correct the specified input value and retry the operation.
Category: Updates (SUP = FW Update Job)
Severity: Severity 2 (Warning)
SUP027

Message: Missing required parameter arg1

Arguments: arg1 = parameter

Detailed Description: The required parameter identified in the message is missing.

Recommended Response Action: Verify the required parameter value for the method is specified and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

SUP028

Message: The GetRepoBasedUpdateList method did not complete successfully.

Detailed Description: The GetRepoBasedUpdateList method was not successfully executed because the InstallFromRepo method was not executed first.

Recommended Response Action: Execute InstallFromRepo method, and then retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 2 (Warning)

SUP029

Message: Firmware versions on server match catalog, applicable updates are not present in the repository.

Detailed Description: The catalog in the repository specified in the operation has the same firmware versions as currently present on the server. Firmware updates in the specified repository are not applicable to the server.

Recommended Response Action: No response action is required.

Category: Updates (SUP = FW Update Job)
Severity 2 (Warning)

**SUP030**

Message: Proxy IP and User Credential pare valid only if the ProxySupport parameter is TRUE.

Detailed Description: The value of the ProxySupport parameter must be TRUE if the Proxy IP and User Credentials need to be provided for the operation requested.

Recommended Response Action: Do not specify Proxy IP and User Credential parameters if the ProxySupport parameter is FALSE.

Category: Updates (SUP = FW Update Job)

Severity 3 (Informational)

**SUP0501**

Message: Invalid catalog file.

Detailed Description: The catalog file is not in the supported XML format, or the catalog file is corrupted.

Recommended Response Action: Do one of the following: 1) If the catalog file is customized, recreate the file using Repository Manager, and retry the operation. 2) Update the catalog file from the service providers FTP server and retry the operation. 3) Update the catalog file from the System Update Utility media or from the System Build Update Utility media and retry the operation. For more information, see Lifecycle Controller Users Guide.

Category: Updates (SUP = FW Update Job)

Severity 1 (Critical)

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

<table>
<thead>
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Comparison: LC Log, LCD, OS Log, Power Off, Power Cycle, Reset, Chassis Event Proxy

1833
SUP0502

Message
Unable to collect system inventory.

Detailed Description
iDRAC is unable to generate the inventory file or the inventory file received from iDRAC is faulty. For more information about the failure, see Lifecycle Log.

Recommended Response Action
Retry the operation. If the problem persists do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord and turn on the system. 4) Press the <F10> key to re-enter Lifecycle Controller, and retry the operation. If the problem continues to persist, update iDRAC firmware to the latest version, and retry the operation. Else, contact the service provider.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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SUP0503

Message
Unable to retrieve the system ID.

Detailed Description
Unable to retrieve the system ID from BIOS.

Recommended Response Action
Retry the operation. If the problem persists, do one of the following: 1) Reboot the system and retry the operation. 2) Update the BIOS firmware to the latest version and retry the operation. If the problem continues to persist contact the service provider.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
SUP0504

Message
Unable to authenticate the catalog file in the update repository.

Detailed Description
The catalog file in the update repository is not digitally signed.

Recommended Response Action
Use a repository that has the catalog file from a trusted source and retry the operation. If the catalog is from a trusted source, click OK to proceed without digital signature verification.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

SUP0505

Message
Corrupt catalog file.

Detailed Description
The catalog file in the selected repository is corrupt.

Recommended Response Action
Select a repository with a valid catalog file, and retry the operation.

Category
Updates (SUP = FW Update Job)
SUP0506

Message
Unable to decompress the catalog file.

Detailed Description
The catalog file in the selected repository is corrupt or compressed in an unsupported format.

Recommended Response Action
Select a repository with a valid catalog file, and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

SUP0507

Message
Unable to download the Update Packages from the FTP server.

Detailed Description
The FTP server setting details are incorrect.

Recommended Response Action
Enter the correct FTP server settings details, and retry the operation.
SUP0511

Message  Unable to find Diagnostics application.
Detailed Description  The Diagnostic application (Embedded Preboot System Assessment - Enterprise UEFI Diagnostics) is not installed or is corrupt.
Recommended Response Action  Update the Diagnostics application using the Firmware Update feature in Lifecycle Controller. For the latest Update Packages, contact your service provider.
Category  Updates (SUP = FW Update Job)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

SUP0513

Message  Unable to access the Update Package.
Detailed Description  The specified filename path to the Update Package is incorrect.
**SUP0514**

**Message**
Unable to perform firmware rollback.

**Detailed Description**
An internal error occurred while performing firmware rollback operation.

**Recommended Response Action**
Enter the Firmware Rollback wizard and retry the operation. If the problem persists, reboot the system and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SUP0515**

**Message**
Unable to authenticate the Update Package signature.
**Detailed Description**
Lifecycle Controller was unable to authenticate the Update Package digital signature. The Update Package will not be applied unless it has a valid digital signature.

**Recommended Response Action**
Download the latest Update Package from your service provider and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SUP0516**

**Message**
Updating firmware for arg1 to version arg2.

**Arguments**
arg1 = component, arg2 = version

**Detailed Description**
Do not turn off the system while firmware update is in progress.

**Recommended Response Action**
No response action required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**LC Log**

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SUP0517

Message
Unable to update the arg1 firmware to version arg2.

Arguments
arg1 = component, arg2 = version

Detailed Description
The firmware image specified in the operation did not apply successfully. An internal error may have occurred.

Recommended Response Action
Retry the operation. If the problem persists, download the latest update package from your service provider, and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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SUP0518

Message
Successfully updated the arg1 firmware to version arg2.

Arguments
arg1 = component, arg2 = version

Detailed Description
The specified firmware for the component was successfully updated.

Recommended Response Action
No response action is required.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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1840
SUP0519

Message: Unable to validate firmware image for arg1.

Arguments: arg1 = component

Detailed Description: The update firmware image operation is unable to process the firmware image provided. The image is invalid or incompatible with the installed component.

Recommended Response Action: Retry the operation. If the problem persists, download the latest Update Package from your service provider and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SUP0520

Message: Unable to update the arg1 firmware to version arg2.

Arguments: arg1 = component, arg2 = version

Detailed Description: The firmware update operation for the component did not complete due to an internal error.

Recommended Response Action: Retry the operation. If the problem persists, download the latest Update Package from your service provider and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
SUP0522

Message
Unable to update the BIOS firmware because write protection is enabled.

Detailed Description
Write protection is enabled for the BIOS image and local BIOS update is disabled.

Recommended Response Action
To flash the BIOS locally, enable local BIOS update by selecting System Setup.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SUP0525

Message
Unable to verify the digital signature of the Update Package.

Detailed Description
Unable to verify the digital signature of the Update Package.

Recommended Response Action
Download the latest Update Package from your service provider and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)
### SUP0526

**Message**
Unable to continue with firmware update.

**Detailed Description**
Unable to continue the firmware update because the catalog file or the update package is corrupt.

**Recommended Response Action**
Retry the operation. If the issue persists, download the latest Update Package or Catalog file from your service provider and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### SUP0527

**Message**
The Update Package is not supported for this system.

**Detailed Description**
The Update Package does not have this system in the supported platform list.

**Recommended Response Action**
Download the latest Update Package from your service provider and retry the operation.

**Category**
Updates (SUP = FW Update Job)
SUP0528

Message: Unable to generate a firmware comparison table.

Detailed Description: An internal error occurred in the Lifecycle Controller while generating the firmware comparison report.

Recommended Response Action: Exit the Platform Update wizard and retry the operation. If the problem persists, update the Lifecycle Controller firmware to the latest version and retry the operation.

Category: Updates (SUP = FW Update Job)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SUP0529

Message: Unable to access repository.

Detailed Description: The selected USB drive is disconnected.
Recommended Response Action
Make sure the USB drive is connected and retry the operation.

category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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SUP0530

Message
Incorrect repository path location.

Detailed Description
The catalog repository path entered is not accessible.

Recommended Response Action
Retry the operation with the correct catalog repository path.

Category
Updates (SUP = FW Update Job)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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SUP0531

Message
Unable to install the Update Packages.
Detailed Description

The repository location is invalid or the repository does not contain the Update Packages.

Recommended Response Action

Enter another repository location that contains the desired Update Packages and retry the operation.

Category

Updates (SUP = FW Update Job)

Severity

Severity 1 (Critical)

Redfish Event Type

Alert

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**SUP0532**

Message

The repository contains corrupt Update Packages.

Detailed Description

The repository contains corrupt Update Packages.

Recommended Response Action

Enter another repository location that contains the desired Update Packages and retry the operation.

Category

Updates (SUP = FW Update Job)

Severity

Severity 1 (Critical)

Redfish Event Type

Alert

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SUP0533

**Message**
Unable to download the update package files from the FTP server.

**Detailed Description**
The file cannot be downloaded from FTP share due to network issues.

**Recommended Response Action**
Check network connection and retry download. If the issue persists, reconfigure the network settings and retry.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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SUP0534

**Message**
Unable to locate the catalog file.

**Detailed Description**
The catalog file cannot be found in the specified location.

**Recommended Response Action**
Specify the correct repository location and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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SUP0535

Message: Updating arg1.
Arguments: arg1 = component and version
Detailed Description: Component firmware update is in progress.
Recommended Response Action: No response action is required. Do not turn off the system while the update is in progress.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SUP0536

Message: Successfully updated arg1.
Arguments: arg1 = component and version
Detailed Description: Component firmware update was successful.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
### SUP0537

**Message**
Unable to continue the firmware update.

**Detailed Description**
Unable to continue the firmware update due to an internal error.

**Recommended Response Action**
Reboot the system and retry. If the problem persists, contact your service provider for the latest Update Package.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

### SUP0538

**Message**
Unable to update arg1.

**Arguments**
arg1 = component and version

**Detailed Description**
Unable to update firmware due to one the following: 1) Update Package is not supported. 2) Trusted Platform Module feature is enabled in BIOS settings.

**Recommended Response Action**
Retry the operation. If the problem persists, do one of the following and retry the operation: 1) Download the latest Update Package from your service provider. 2) Disable the Trusted Platform Module feature in BIOS settings. 3) Update the Lifecycle Controller firmware to the latest version.
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<tbody>
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**SUP0539**

**Message**
Update Packages missing in the repository.

**Detailed Description**
Update Packages are missing from the specified repository.

**Recommended Response Action**
Enter another repository location that contains the desired Update Packages and retry the operation.

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Severity</td>
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**SUP0540**

**Message**
Unable to install update packages because of insufficient space in the iDRAC.

**Detailed Description**
The update packages cannot be installed because of insufficient space in the iDRAC even after deleting firmware installation files stored in the Rollback feature.
SUP0541

Message: The maximum disk space (storage capacity) for storing firmware image files is reached. The rollback firmware image file of \textit{arg1} was deleted to create free disk space.

Arguments: \textit{arg1} = firmware name

Detailed Description: The maximum disk space (storage capacity) for storing firmware image files is reached. The rollback firmware image file identified in the message was deleted to create free disk space.

Recommended Response Action: No response action is required.

Category: Updates (SUP = FW Update Job)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

Filter Visibility

iDRAC ✔
CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔
CMC

SUP1901

Message: Firmware update initializing.

Detailed Description: Firmware update initializing.

Recommended Response Action: No response action is required.

Category: Updates (SUP = FW Update Job)
SUP1902

Message: Firmware update stopping services.
Detailed Description: Firmware update stopping services.
Recommended Response Action: No response action is required.
Category: Updates (SUP = FW Update Job)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
SUP1904

Message: Firmware update checksumming image.
Detailed Description: Firmware update checksumming image.
Recommended Response Action: No response action is required.

SUP1905

Message: Firmware update programming flash.
Detailed Description: Firmware update programming flash.
Recommended Response Action
No response action is required.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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iDRAC
CMC

SUP1906

Message
Firmware update successful.

Detailed Description
Firmware update successful.

Recommended Response Action
No response action is required.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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iDRAC
CMC

SUP1907

Message
Firmware update failed.
Firmware update failed.

Recommended Response Action

Reacquire the image from the original source and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SUP1908

Message
Firmware update failed checksum.

Detailed Description
Firmware update failed checksum.

Recommended Response Action
Reacquire the image from the original source and retry the operation.

Category
Updates (SUP = FW Update Job)

Severity
Severity 3 (Informational)

Redfish Event Type
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**SUP1909**

**Message**
Firmware update failed image download.

**Detailed Description**
Firmware update failed image download.

**Recommended Response Action**
Check that the image is available and retry the operation.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SUP1910**

**Message**
Firmware update is not pending.

**Detailed Description**
Firmware update is not pending.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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SUP1911

**Message**
Firmware update initialization complete.

**Detailed Description**
Firmware update initialization complete.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SUP1912

**Message**
Firmware update RAC recover successful.

**Detailed Description**
Firmware update RAC recover successful.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SUP = FW Update Job)

**Severity**
Severity 3 (Informational)

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1858
SWC Event Messages

SW0725

Message  
IDRAC7 communication failure.

Detailed Description  
IDRAC7 is busy and does not respond to IDRAC7 configurator IPMI requests.

Recommended Response Action  
Try AC power cycling the server or upgrade the IDRAC firmware.

Category  
Configuration (SWC = Software Config)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

No alerts are applicable for this message

SWC0001

Message  
Unable to save the network settings.

Detailed Description  
The network cable may not be connected or an internal error occurred. For more information about the failure, see Lifecycle Log.

Recommended Response Action  
Verify the network cable is connected and retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category  
Configuration (SWC = Software Config)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert
**SWC0002**

**Message**
Unable to set Part Replacement policies.

**Detailed Description**
The Part Replacement policy configuration operation encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0003**

**Message**
Unable to display the Lifecycle log.

**Detailed Description**
An unrecoverable error occurred while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
SWC0004

Message
Unable to add a work note to the Lifecycle Log.

Detailed Description
The operation to add a work note to the Lifecycle Log encountered an unexpected error while communicating with iDRAC.

Recommended Response Action
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

SWC0005

Message
Unable to display the current hardware inventory.

Detailed Description
The view current hardware inventory operation encountered an unexpected error while communicating with iDRAC.

Recommended Response Action
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category
Configuration (SWC = Software Config)
**Message**
Unable to display the As Shipped hardware inventory.

**Detailed Description**
The view As Shipped hardware inventory operation encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Message**
Unable to write the current hardware inventory to the specified destination.

**Detailed Description**
The export current hardware inventory operation did not complete because the destination: 1) does not have the specified folder, 2) does not have enough free space, or 3) is read-only.
**Recommended Response Action**
Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**SWC0008**

**Message**
Unable to write the As Shipped hardware inventory to the specified destination.

**Detailed Description**
The export As Shipped hardware inventory operation did not complete because the destination: 1) does not have the specified folder, 2) does not have enough free space, or 3) is read-only.

**Recommended Response Action**
Retry the operation. If the problem persists, verify the following and retry the operation: 1) Destination has the specified folder. 2) Destination has enough free space. 3) Destination is not write-protected.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**SWC0011**

**Message**
Successfully applied front panel security settings.

**Detailed Description**
The front panel security settings were successfully configured.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC0012**

**Message**
Unable to retrieve the front panel security settings.

**Detailed Description**
The operation to retrieve the front panel security settings encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---
**SWC0013**

**Message**  
Unable to save the front panel security settings.

**Detailed Description**  
The operation to save the front panel security settings encountered an unexpected error while communicating with iDRAC.

**Recommended Response Action**  
Retry the operation. If the problem persists: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

**Filter Visibility**  
iDRAC ✔
CMC

**IPMI Alert**  
iDRAC ✔
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**SNMP Alert**  
iDRAC ✔
CMC

**Email Alert**  
iDRAC ✔
CMC

**Remote System Log**  
iDRAC ✔
CMC

**WS Eventing**  
iDRAC ✔
CMC

**Redfish Eventing**  
iDRAC ✔
CMC

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**SWC0014**

**Message**  
Unable to set new date and time.

**Detailed Description**  
Unable to apply the changes to the date and time settings because an internal error occurred.

**Recommended Response Action**  
Exit the Date and Time wizard and retry the operation. If the problem persists, exit Lifecycle Controller and retry the operation.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

**Filter Visibility**  
iDRAC ✔
CMC

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**Remote System Log**  
iDRAC ✔
CMC

**WS Eventing**  
iDRAC ✔
CMC

**Redfish Eventing**  
iDRAC ✔
CMC
SWC0015

Message: Unable to retrieve the list of supported operating systems.

Detailed Description: The operating system driver pack is missing or not accessible.

Recommended Response Action: Update the system with the latest Lifecycle Controller OS Driver Pack. Obtain the OS Driver Pack from the service provider.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

SWC0016

Message: Unable to initialize OS Deployment wizard.

Detailed Description: The operating system driver pack is missing or not accessible.

Recommended Response Action: Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)
**SWC0017**

**Message**
Unable to retrieve the drivers for the selected operating system.

**Detailed Description**
An unrecoverable error occurred while retrieving the drivers.

**Recommended Response Action**
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

**SWC0018**

**Message**
Unable to apply the boot mode settings for BIOS.

**Detailed Description**
The BIOS boot mode settings could not be applied due to an internal error.

**Recommended Response Action**
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit the Lifecycle Controller and perform an AC power cycle.

**Category**
Configuration (SWC = Software Config)
**Severity** Severity 1 (Critical)

**Redfish Event Type** Alert

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**SWC0019**

**Message** The Test Network Connection operation completed with errors.

**Detailed Description** The Test Network Connection ping test timed-out. The network cable is disconnected or the network is not configured correctly.

**Recommended Response Action** Check the network cable connection and network configuration settings, then retry the operation. If the problem persists, reconfigure the network settings and retry the operation.

**Category** Configuration (SWC = Software Config)

**Severity** Severity 1 (Critical)

**Redfish Event Type** Alert

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**SWC0023**

**Message** Successfully configured encryption.

**Detailed Description** Encryption configuration is successful.
**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### SWC0024

**Message**  
The Test Network Connection ping test timed-out.

**Detailed Description**  
The Test Network Connection ping test timed-out. The network cable is disconnected or the network is not configured correctly.

**Recommended Response Action**  
Check the network cable connection and network configuration settings, then retry the operation. If the problem persists, reconfigure the network settings and retry the operation.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**1869**
**SWC0025**

**Message**
The operation completed successfully, however the system is unable to automatically shut down.

**Detailed Description**
The operation completed successfully, however the system is unable to automatically shut down.

**Recommended Response Action**
Manually shut down the system. For more information about the failure, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SWC0026**

**Message**
Unable to retrieve status of backup Server Profile operation.

**Detailed Description**
Status of backup Server Profile operation could not be retrieved because an unrecoverable error occurred while communicating with iDRAC.

**Recommended Response Action**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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1870
**SWC0027**

**Message**
Successfully backed up a Server Profile by using the Lifecycle Controller GUI.

**Detailed Description**
The backup Server Profile operation successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC0028**

**Message**
The backup Server Profile operation did not successfully complete.

**Detailed Description**
iDRAC is unable to complete the backup Server Profile operation because an unrecoverable error occurred.

**Recommended Response Action**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**Message**
Unable to retrieve status of backup Server Profile operation.

**Detailed Description**
Status of backup Server Profile operation could not be retrieved because an unrecoverable error occurred while communicating with iDRAC.

**Recommended Response Action**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Message**
Unable to complete the backup Server Profile backup operation.

**Detailed Description**
iDRAC is unable to complete the backup Server Profile operation.

**Recommended Response Action**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
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**SWC0031**

**Message**
Unable to initiate the backup Server Profile backup operation.

**Detailed Description**
iDRAC is unable to initiate the backup Server Profile operation because an unrecoverable error occurred.

**Recommended Response Action**
Reset iDRAC and retry the operation. To reset the iDRAC, hold the System ID button down for 15 seconds or longer and wait for 90 seconds for the iDRAC to restart. For more information on the error, see the Lifecycle Log.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SWC0032**

**Message**
Successfully exported the Server Configuration Profile image file to the USB drive.

**Detailed Description**
Exporting the Server Configuration Profile image file to the USB drive was successful.
**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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</table>

**SWC0033**

**Message**

Successfully exported the Server Configuration Profile image file to network share.

**Detailed Description**

Exporting the Server Configuration Profile image file to the network share was successful.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**SWC0034**

**Message**

Unable to export the file to the network share.
**Detailed Description**
Lifecycle Controller is unable to export the file to the network share because it has insufficient free space.

**Recommended Response Action**
Make sure that the network share has sufficient free space then retry the operation.
If the problem persists, check network settings and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

---

**SWC0035**

**Message**
Unable to initialize backup Server Profile operation.

**Detailed Description**
The backup operation did not initialize because the system does not have a service tag.

**Recommended Response Action**
Assign a service tag to the system and retry the operation. To assign the service tag, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)
SWC0036

Message
Unable to launch hardware diagnostics.

Detailed Description
Unable to launch hardware diagnostics because the Enterprise UEFI Diagnostics application is corrupt or iDRAC is not responding.

Recommended Response Action
Retry the operation. If the problem persists, update the Enterprise UEFI Diagnostics using one of the following methods: 1) Use the Firmware Update feature in Lifecycle Controller. 2) Use the Server Update Utility. 3) Run the Update Package from the operating system. If the problem continues to persist, reset the iDRAC. For more information, contact your service provider.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

SWC0037

Message
Unable to export the file to the network share.

Detailed Description
Lifecycle Controller is unable to export the file to the network share because the destination folder is not present or inaccessible.

Recommended Response Action
Make sure that the destination folder is present and accessible, then retry the operation. If the problem persists, check network settings and retry the operation.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
### SWC0038

**Message**
Unable to export the file to the network share.

**Detailed Description**
Lifecycle Controller is unable to export the file to the network share because the destination folder is read-only or inaccessible.

**Recommended Response Action**
Remove the write protection on the destination folder and verify the folder is accessible, then retry the operation. If the problem persists, check network settings and retry.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### SWC0039

**Message**
Unable to find the backup Server Configuration Profile image.

**Detailed Description**
The backup Server Configuration Profile image partition is not present in the vFlash SD card.

**Recommended Response Action**
A backup Server Configuration Profile is required to import or export a Server Profile. Perform the backup operation and retry import or export operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
SWC0040

Message: Unable to complete the Import operation.
Detailed Description: The location of the backup Server Configuration Profile image file provided is incorrect.
Recommended Response Action: Enter the correct location of the backup Server Configuration Profile image file and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

SWC0041

Message: Unable to copy the backup Server Configuration Profile.
Detailed Description: The specified source file location is incorrect.
Recommended Response Action: Make sure that the specified source file location is correct and retry the operation.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
**SWC0042**

**Message**
Unable to retrieve the status of the Import Server Profile operation.

**Detailed Description**
Lifecycle Controller is unable to retrieve the status of the Import Server Profile operation.

**Recommended Response Action**
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
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**SWC0043**

**Message**
Import Server Profile operation completed with errors.

**Detailed Description**
The Import Server Profile operation has completed with errors. For more information, see the Lifecycle Log.
Recommended Response Action
Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

Category Configuration (SWC = Software Config)
Severity Severity 1 (Critical)
Redfish Event Type Alert

---

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔  |
| CMC   |    |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| iDRAC | ✔  |
| CMC   |    |

---

Message Unable to retrieve the status of the Import Server Profile operation.
Detailed Description Lifecycle Controller is unable to retrieve the status of the Import Server Profile operation. For more information, see the Lifecycle Log.
Recommended Response Action Retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.
Category Configuration (SWC = Software Config)
Severity Severity 1 (Critical)
Redfish Event Type Alert

---

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔  |
| CMC   |    |

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

| iDRAC | ✔  |
| CMC   |    |
SWC0045

**Message**: Unable to complete the Import operation.

**Detailed Description**: The Import operation did not successfully complete. For more information, see the Lifecycle Log.

**Recommended Response Action**: Exit the Import Server Profile wizard and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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SWC0046

**Message**: Unable to initiate Import operation.

**Detailed Description**: Unable to initiate Import operation since another Import operation is already in progress.

**Recommended Response Action**: Wait until current Import operation is complete before initiating a new Import operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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### SWC0047

**Message**
Incorrect backup Server Configuration Profile file passphrase provided.

**Detailed Description**
The passphrase specified is not correct.

**Recommended Response Action**
Enter the valid passphrase and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### SWC0048

**Message**
Unable to validate the backup server configuration Profile image file for this system.

**Detailed Description**
The backup server profile operation did not complete because: 1) The backup server configuration profile image file present on the vFlash SD card is invalid for this system. 2) The passphrase entered does not match the passphrase used to secure the backup server configuration profile image file.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Reinsert the vFlash SD card with correct backup image file. 2) Enter the passphrase that was used to secure the backup server configuration profile image file.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**SWC0049**

**Message**
Unable to continue the Import operation.

**Detailed Description**
The Import operation cannot continue because backup image file is not present on the vFlash SD card, the image is invalid, or the entered passphrase is incorrect.

**Recommended Response Action**
Make sure that the backup image file is present on the vFlash SD card, the image is valid, and the entered passphrase is correct.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0050**

**Message**
Unable to initiate Import operation.

**Detailed Description**
Unable to initiate Import operation since iDRAC is not responding.

**Recommended Response Action**
Retry the Import operation using a valid backup image file and the correct passphrase. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord, 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**
Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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**SWC0051**

**Message**: Unable to retrieve iDRAC license information.

**Detailed Description**: Unable to retrieve license information due to an iDRAC communication error.

**Recommended Response Action**: Exit Lifecycle Controller and retry the operation. If the problem persists, do the following: 1) Turn off the system and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the system, and retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 1 (Critical)

Redfish Event Type: Alert

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**SWC0052**

**Message**: Unable to continue with OS Deployment operation.

**Detailed Description**: An error occurred while retrieving the operating system drivers.
### SWC0053

**Message**
File extension is not supported or the Update Package is invalid.

**Detailed Description**
The file extension of the Update Package is not supported or the Update Package is invalid.

**Recommended Response Action**
Use a valid Windows-based Update Package with an .exe extension.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### SWC0054

**Message**
Unable to save settings.
There was an internal error while saving the settings.

Retry the operation. If the problem persists, reboot the system or update the Lifecycle Controller firmware to the latest version and retry the operation.

Configuration (SWC = Software Config)

Severity 1 (Critical)

Alert

Unable to load the View Current Version page due to an internal error.

Retry the operation. If problem persists, update the iDRAC firmware to the latest version and retry the operation.

Configuration (SWC = Software Config)

Severity 1 (Critical)

Alert
**SWC0056**

**Message**
Unable to export the file to the USB drive.

**Detailed Description**
Unable to export the file to the USB drive because it does not have the specified folder, does not have enough free space, or is read-only.

**Recommended Response Action**
Make sure that the USB drive contains the folder specified, has enough free space, or is not read-only. If the problem persists, reboot the system and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SWC0057**

**Message**
Unable to export the file to the network share.

**Detailed Description**
Unable to copy the file to the network share because it does not have the specified folder, the specified folder name has space between the characters, does not have enough free space, or is read-only.

**Recommended Response Action**
Make sure that the network share has the specified folder, the specified folder name has no space between the characters, has enough free space, or is not read-only. If the problem persists, perform an AC power cycle and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### SWC0058

**Message**
Unable to complete the operation.

**Detailed Description**
An internal processing error occurred.

**Recommended Response Action**
Reboot the system and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### SWC0059

**Message**
Unable to complete the operation.

**Detailed Description**
vFlash partitions are being used by other applications such as Lifecycle Controller-Remote Services or RACADM.

**Recommended Response Action**
Wait until the current operations are complete and retry the operation. For information, see the FAQs section of the Lifecycle Controller-Remote Services or RACADM User Guide.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
iDRAC
CMC

SWC0060

Message
Unable to complete the operation.
Detailed Description
One or more vFlash partitions are attached.
Recommended Response Action
Use iDRAC Web interface to detach the vFlash partitions and retry the operation.
Category
Configuration (SWC = Software Config)
Severity
Severity 1 (Critical)
Redfish Event Type
Alert

iDRAC
CMC

SWC0061

Message
Unable to complete the operation.
Detailed Description
Write-protection is enabled on the vFlash SD card.
Recommended Response Action
Remove the write-protection on the vFlash SD card and retry the operation.
Category
Configuration (SWC = Software Config)
Severity
Severity 1 (Critical)
SWC0062

Message
Unable to export Lifecycle Log.

Detailed Description
The destination folder is not present, the destination is full or write-protected.

Recommended Response Action
Verify the following and retry the operation: 1) Destination folder is present. 2) Destination has enough free space. 3) Destination is not write-protected. If the problem persists, perform an AC power cycle and retry.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

SWC0063

Message
Unable to authenticate the login credentials and share name.

Detailed Description
The share name and login credentials provided are incorrect.

Recommended Response Action
Enter the correct share name and login credentials, and retry the operation.
**SWC0064**

**Message**
Unable to mount the network share.

**Detailed Description**
The details provided to access the network share are incorrect.

**Recommended Response Action**
Enter the correct network share details, and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC** ✔

**CMC**

**SWC0065**

**Message**
Unable to retrieve the drivers for the selected operating system.

**Detailed Description**
Lifecycle Controller is unable to copy the OS drivers from the OS driver pack.
Recommended Response Action: Exit the OS Deployment wizard and retry the operation. If the issue persists, do one of the following: 1) Update the system with the latest operating system driver packs using the Firmware Update feature and retry the operation. 2) Reboot the system, press the <F10> key to re-enter Lifecycle Controller, and retry the operation.

Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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Message: Unable to connect to the Network Share.
Detailed Description: Unable to connect to the Network Share due to one of the following: 1) Login credentials entered are incorrect. 2) Network is inaccessible. 3) System IP address conflicts with another system on the network.
Recommended Response Action: Verify the login credentials. Make sure the Network Share is accessible and the system IP address does not conflict with any other system on the network. If the problem persists, perform an AC power cycle and retry.

Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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**SWC0067**

**Message**
Unable to import operating system configuration file.

**Detailed Description**
The location of the operating system configuration file specified in the operation is not valid.

**Recommended Response Action**
Make sure that the specified source file path is correct and retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**SWC0068**

**Message**
Unable to retrieve the boot mode settings from BIOS.

**Detailed Description**
The BIOS boot mode settings could not be retrieved because of an internal issue.

**Recommended Response Action**
Exit the OS Deployment wizard and retry the operation. If the problem persists, exit Lifecycle Controller and perform an AC power cycle.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
## SWC0069

**Message**
Successfully applied the new boot mode settings for BIOS.

**Detailed Description**
The new boot mode settings for BIOS were successfully applied.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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## SWC0070

**Message**
The SupportAssist collection has been successfully copied to the USB drive.

**Detailed Description**
The SupportAssist collection has been successfully copied to the USB drive.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
**SWC0071**

**Message**
The SupportAssist collection has been successfully exported to the network share folder.

**Detailed Description**
The SupportAssist collection has been successfully exported to the network share folder.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC0072**

**Message**
Unable to export the SupportAssist collection to destination folder.

**Detailed Description**
SupportAssist collection cannot be exported to the destination folder.

**Recommended Response Action**
Verify the following and retry the operation: 1) Destination folder is present. 2) Destination folder has sufficient free disk space. 3) Destination folder is not write-protected. If the issue persists, perform an AC power cycle operation, and then retry the operation.
### SWC0073

**Message**
Unable to start operation with the current iDRAC version.

**Detailed Description**
The Repurpose or Retire system operation cannot be successfully started because the current version of iDRAC firmware does not support the operation.

**Recommended Response Action**
Update iDRAC firmware to the latest version and retry the operation. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### SWC0074

**Message**
Unable to start operation with the current iDRAC version.

**Detailed Description**
The export operation of SupportAssist collection cannot be started because the current version of iDRAC firmware does not support the operation.
Recommended Response Action: Update iDRAC firmware to the latest version and retry the operation. If the issue persists, contact your service provider.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**SWC0075**

Message: Unable to perform RAID operations because the selected controller is in HBA mode.

Detailed Description: Unable to perform RAID operations because the selected controller is in HBA mode.

Recommended Response Action: Do one of the following: 1) Retry the operation using other controllers that support RAID operations and are not in HBA mode. 2) Change the mode of the controller from HBA mode to RAID mode and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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</table>
**SWC0076**

**Message**

The following iDRAC internal storage partitions present in the system were not mounted during the system startup: *arg1*

**Arguments**

*arg1* = partitions

**Detailed Description**

Lifecycle Controller detected that the iDRAC internal storage partitions identified in the message were not made available by BIOS during the boot process.

**Recommended Response Action**

No response action required. If the issue occurs consistently during system startup, restart the iDRAC and then restart the system. If the issue persists, contact your service provider.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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<tr>
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**SWC0077**

**Message**

Unable to initiate the Repurpose or Retire System operation.

**Detailed Description**

iDRAC is unable to initiate the Repurpose or Retire System operation because the iDRAC is not responding or another operation is in progress.

**Recommended Response Action**

Retry the operation. If the problem persists, do one the following: 1) Check if there are other operations running on the iDRAC and wait for the operations to complete, and retry the operation. 2) Restart the server, and retry the operation.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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</table>

1898
**SWC0078**

**Message**
The server has been successfully removed from Integrated Data Center.

**Detailed Description**
The server has been successfully removed from Integrated Data Center. All configurations will be restored to Factory defaults.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

### Filter Visibility
- iDRAC: ✔
- CMC: ✔
- LC Log: ✔
- LCD: ✔
- OS Log: ✔
- Power Off: ✔
- Power Cycle: ✔
- Reset: ✔
- Chassis Event Proxy: ✔

**SWC0079**

**Message**
iDRAC entered into Integrated Data Center Troubleshooting Mode.

**Detailed Description**
iDRAC entered into Dell Integrated Data Center Troubleshooting Mode

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert
### SWC0080

**Message**

iDRAC exited from Integrated Data Center Troubleshooting Mode.

**Detailed Description**

iDRAC exited from Integrated Data Center Troubleshooting Mode. Integrated Data Center may revert some of the network settings made by the user while in Troubleshooting Mode.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

10531

**Redfish Event Type**

Alert

---

### SWC0081

**Message**

Integrated Data Center mode enabled.

**Detailed Description**

Dell Integrated Data Center mode enabled.

**Recommended Response Action**

No response action is required.
Unable to join Integrated Data Center network.

An error occurred while joining the Dell Integrated Data Center Network because the Provisioning Server on Integrated Data Center did not respond. Refer to Integrated Data Center setup instructions to setup the Provisioning Server.

Refer to Integrated Data Center Userguide for setup instructions.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Trap/EventID: 10531
Redfish Event Type: Alert

---

**SWC0082**

**Message**
Unable to join Integrated Data Center network.

**Detailed Description**
An error occurred while joining the Dell Integrated Data Center Network because the Provisioning Server on Integrated Data Center did not respond. Refer to Integrated Data Center setup instructions to setup the Provisioning Server.

**Recommended Response Action**
Refer to Integrated Data Center Userguide for setup instructions.

---

**Filter Visibility**

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</table>

1901
SWC0083

**Message**
The iDRAC is successfully removed from the Integrated Data Center network.

**Detailed Description**
The iDRAC has been successfully removed from Integrated Data Center network per user action. The iDRAC will now be set to Factory defaults. The iDRAC will be able to show up in an Integrated Data Center only when it is rediscovered.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

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SWC0084

**Message**
The iDRAC successfully joined Integrated Data Center network.

**Detailed Description**
The iDRAC has successfully joined Integrated Data Center network. This iDRAC will now be managed by the Integrated Data Center solution.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

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1902
SWC0085

**Message**
The Integrated Data Center mode is disabled.

**Detailed Description**
Integrated Data Center Mode is disabled because of one of the following reasons:
1) The feature was disabled
2) The server is not supported for the Integrated Data Center solution
3) The default user credentials on the iDRAC were changed
4) Supression of the default credentials warning was selected.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

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SWC0086

**Message**
The Integrated Data Center Public IP mode is enabled.

**Detailed Description**
The Public IP access feature has been enabled in iDRAC by the Integrated Data Center solution. The iDRAC can now be managed via the Public IP interface.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert
SWC0087

**Message**
The Integrated Data Center Public IP mode is disabled.

**Detailed Description**
The Public IP access feature in iDRAC is disabled by the Integrated Data Center solution. The iDRAC can no longer be accessed via the public IP interface.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10531

**Redfish Event Type**
Alert

---

SWC0088

**Message**
Unable to retrieve the iDRAC DHCP IP address.

**Detailed Description**
The DHCP IP address of iDRAC cannot be retrieved because a network cable is not connected or a DHCP server is not functioning.

**Recommended Response Action**
Make sure that the network cable is connected, DHCP server is turned on, and then retry the operation. If the issue persists, perform the following steps: 1) Turn off the server and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the server, and then retry the operation.
Unable to save one or more iDRAC configurations by using the Initial Setup feature of Lifecycle Controller.

Make sure that the network cable is connected, DHCP server is turned on, and then retry the operation. If the issue persists, perform the following steps: 1) Turn off the server and disconnect the power cord. 2) Wait for five seconds. 3) Reconnect the power cord, turn on the server, and then retry the operation.
**SWC0090**

**Message**  
iDRAC is successfully configured by using the Initial Setup feature of Lifecycle Controller.

**Detailed Description**  
iDRAC is successfully configured by using the Initial Setup feature of Lifecycle Controller.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**SWC0101**

**Message**  
Unable to read available log records.

**Detailed Description**  
Racadm is unable to read the available log records at this point. Retry the command.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0102**

**Message**  
The -m option is not supported by the interface being used.

**Detailed Description**  
The option requested is not available on the interface being used.
Recommended Response Action: Refer to the help to get the list of options valid for the interface.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0103**

Message: The -E option is not valid for the specified log.

Detailed Description: The specified log does not take in the -e option.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0104**

Message: The -R option is not valid for the specified log.

Detailed Description: The specified log does not take in the -r option.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0105**

Message: Invalid -m option. Try --more or refer help for proper usage

Detailed Description: The command does not take in the -m option.

Recommended Response Action: Refer the help text for getrclog command.
SWC0106

Message: The -u option is not supported on the current RAC configuration.
Detailed Description: The specified option is not supported on the RAC.
Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0107

Message: More than one option is not allowed with this command.
Detailed Description: The command takes in only one option which is the Session ID.
Recommended Response Action: Enter the command only with one option i.e. the Session ID.

Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0108

Message: The service tag is not currently populated.
Detailed Description: The Service Tag string is empty.
Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0109**

Message: No process information is currently available.

Detailed Description: There is no RAC diagnostic information available.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0110**

Message: No build information is currently available.

Detailed Description: The build information is not available for racdump.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

No alerts are applicable for this message

**SWC0111**

Message: A server action command must be specified.

Detailed Description: The serveraction subcommand requires an option to be specified.

Recommended Response Action: Refer the help for serveraction subcommand, and enter a valid option.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)
**Redfish Event Type**  Alert

_No alerts are applicable for this message_

### SWC0112

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Timeout while waiting for server to perform requested power action.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>A network time-out occurred while trying to perform the power action.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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<td><strong>Redfish Event Type</strong></td>
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</tbody>
</table>

_No alerts are applicable for this message_

### SWC0113

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The -6 option can only be used in combination with the -d or -s option.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the setniccfg command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for setniccfg subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
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</table>

_No alerts are applicable for this message_

### SWC0114

<table>
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<tr>
<th><strong>Message</strong></th>
<th>The -o option cannot be used with any other options.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the setniccfg command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for setniccfg subcommand.</td>
</tr>
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<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
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<tr>
<td><strong>Severity</strong></td>
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</tr>
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<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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</table>
### SWC0115

**Message**
The `-s` option cannot be used with any other options.

**Detailed Description**
The syntax of the `setniccfg` command is invalid.

**Recommended Response Action**
Refer the help text for `setniccfg` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SWC0116

**Message**
The `-s` option requires IP address, subnet mask, and gateway.

**Detailed Description**
The syntax of the `setniccfg` command is invalid.

**Recommended Response Action**
Refer the help text for `setniccfg` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SWC0117

**Message**
Invalid syntax. Both `-f` and `-t` must be specified.

**Detailed Description**
Invalid parameters passed to the function.

**Recommended Response Action**
Refer the help text for `sslcertdownload` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SWC0118
Message: Invalid syntax. -f must be specified.
Detailed Description: The syntax of the sslcertupload command is invalid.
Recommended Response Action: Refer the help text for sslcertupload subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0119
Message: Invalid certificate type specified with -t option.
Detailed Description: The syntax of the sslcertview command is invalid.
Recommended Response Action: Refer the help text for sslcertview subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0120
Message: Invalid syntax. Certificate type (-t) must be specified.
Detailed Description: The syntax of the sslcertview command is invalid.
Recommended Response Action: Refer the help text for sslcertview subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>Invalid syntax. User index (-i) must be specified.</th>
</tr>
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<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the sslcertview command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for sslcertview subcommand.</td>
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</table>

*No alerts are applicable for this message*

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<table>
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<tr>
<th><strong>Message</strong></th>
<th>Invalid syntax. SSL key type (-t) must be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the sslcertupload command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for sslcertupload subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>The -s option is not valid with any other options.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The syntax of the sslcsrgen command is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Refer the help text for sslcsrgen subcommand.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**SWC0124**

**Message**  
The -u option requires -f to be specified.

**Detailed Description**  
The syntax of the sslcsrgen command is invalid.

**Recommended Response Action**  
Refer the help text for sslcsrgen subcommand.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**SWC0125**

**Message**  
Unable to generate CSR.

**Detailed Description**  
The CSR file could not be generated.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**SWC0126**

**Message**  
Unable to download CSR file.

**Detailed Description**  
Racadm tool was unable to download the generated CSR file.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
**SWC0127**

**Message**  
Unable to open file for writing.

**Detailed Description**  
The file may be write protected and hence could not be edited.

**Recommended Response Action**  
Check if the file is write protected.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0128**

**Message**  
The Common Name (CN) field of the CSR Security group must be configured before a CSR can be generated.

**Detailed Description**  
The Common Name field is necessary for generating a CSR. It is not generated if Common Name is empty.

**Recommended Response Action**  
Configure the Common Name field by using config command.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

**SWC0129**

**Message**  
Unable to send test email. Please make sure that your email alerts have been configured correctly and connectivity to the SMTP server exists.

**Detailed Description**  
Racadm tool was not able to send a test email for the configuration.

**Recommended Response Action**  
Check for the parameters mentioned in the message.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
SWC0130
Message: Trap at specified index is not currently enabled.
Detailed Description: The Trap needs to be set for the particular index for the testtrap to go through.
Recommended Response Action: Set cfgIpmiPetAlertEnable in cfgIpmiPet group using config subcommand for the corresponding index.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0131
Message: Trap destination address must be configured.
Detailed Description: The destination Ip address must be configured for the Trap.
Recommended Response Action: Set cfgIpmiPetAlertDestIpAddr in cfgIpmiPet group using config subcommand for the corresponding index.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0132
Message: Unable to send test trap. Please make sure that your trap has been configured correctly and connectivity to the destination endpoint exists.
Detailed Description: Either the destination Ip address is not reachable or the required values are not configured.
Recommended Response Action: Check for the connectivity to the configured Ip address.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>Either connect or disconnect must be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Insufficient information provided.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Specify either the connect or the disconnect option with the subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>The RAC log was cleared successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>The SEL was cleared successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**SWC0136**

Message: Object value modified successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

*No alerts are applicable for this message*

**SWC0137**

Message: The coredump was deleted successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

*No alerts are applicable for this message*

**SWC0138**

Message: Coredump request completed successfully
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

*No alerts are applicable for this message*
SWC0139
Message: Total Records: arg1
Arguments: arg1 = Number of Records
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0140
Message: RAC reset operation initiated successfully. It may take up to a minute for the RAC to come back online again.
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0141
Message: Certificate successfully downloaded from the RAC
Detailed Description: Success message.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message
<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate successfully uploaded to the RAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>SSL key successfully uploaded to the RAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate successfully uploaded to the RAC. The RAC will now reset to enable the new certificate and may be offline temporarily.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**SWC0145**

**Message**
A CSR was generated successfully

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**SWC0146**

**Message**
Last ASR screen was cleared successfully

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**SWC0147**

**Message**
ASR request completed successfully

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### SWC0148

<table>
<thead>
<tr>
<th>Message</th>
<th>Test email sent successfully</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0149

<table>
<thead>
<tr>
<th>Message</th>
<th>Test trap sent successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The requested SNMP test trap alert was successfully sent.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0150

<table>
<thead>
<tr>
<th>Message</th>
<th>Object value is valid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Success message.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**SWC0151**

**Message**  
RAC configuration saved to file successfully

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**SWC0152**

**Message**  
RAC configuration from file completed successfully

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

---

**SWC0153**

**Message**  
RAC configuration file is valid

**Detailed Description**  
Success message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
**SWC0154**

**Message**
Generating CSR. Please wait...

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0155**

**Message**
CSR generated and downloaded from RAC successfully

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0156**

**Message**
CSR file downloaded from RAC successfully

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**SWC0157**

- **Message**: User certificate successfully uploaded to the RAC.
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**SWC0158**

- **Message**: User CA certificate successfully uploaded to the RAC.
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

No alerts are applicable for this message

**SWC0159**

- **Message**: Kerberos Keytab successfully uploaded to the RAC.
- **Detailed Description**: Success message.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

No alerts are applicable for this message
**SWC0160**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>PK SSH Authentication Key file successfully uploaded to the RAC.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

_No alerts are applicable for this message_

**SWC0161**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>PK SSH Authentication operation completed successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Success message.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

_No alerts are applicable for this message_

**SWC0201**

<table>
<thead>
<tr>
<th><strong>Message</strong></th>
<th>All keys successfully deleted</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Help Text.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

_No alerts are applicable for this message_
SWC0202

Message: Key successfully deleted
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0203

Message: Key file successfully uploaded
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0204

Message: Key text successfully uploaded
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
### SWC0205

**Message**
Upload an SSL key to the RAC

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0206

**Message**
View user certificate information

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0207

**Message**
Display the version info of RACADM

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SWC0208
Message: Disconnect Virtual Media connections
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0209
Message: Connect or disconnect image server connections
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0210
Message: Display NIC teaming information
Detailed Description: Help Text.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
**SWC0211**

- **Message**: Perform VFlash operations
- **Detailed Description**: Help Text.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**SWC0212**

- **Message**: Perform POST Virtual Console disable from local system
- **Detailed Description**: Help Text.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**SWC0213**

- **Message**: Disable the Virtual Console from a local Console
- **Detailed Description**: Help Text.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*
### SWC0214

**Message**
Makes a remote ISO image available to the server

**Detailed Description**
Help Text.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0215

**Message**
Disable Remote File Started. Please check status using -s option to know Remote File Share is ENABLED or DISABLED.

**Detailed Description**
The process to disable the file share has started. Use the -s option to know more about the status.

**Recommended Response Action**
If required check the status using the -s option.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0216

**Message**
The -c option requires -l to also be specified.

**Detailed Description**
The syntax of the command is incorrect.

**Recommended Response Action**
Refer to the help for remote image command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>Message</th>
<th>The -c option requires -u to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the command is incorrect.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the help for remote image command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>The -c option requires -p to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the command is incorrect.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the help for remote image command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>The -p option requires -c to also be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax of the command is incorrect.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the help for remote image command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### SWC0220
- **Message**: The `-u` option requires `-c` to also be specified.
- **Detailed Description**: The syntax of the command is incorrect.
- **Recommended Response Action**: Refer to the help for remote image command.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

### SWC0221
- **Message**: The `-l` option requires `-c` to also be specified.
- **Detailed Description**: The syntax of the command is incorrect.
- **Recommended Response Action**: Refer to the help for remote image command.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

### SWC0222
- **Message**: Invalid syntax. The `-d` option is not valid with `-c`.
- **Detailed Description**: The syntax of the command is incorrect.
- **Recommended Response Action**: Refer to the help for remote image command.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*
SWC0223

Message: Invalid syntax. The -d option is not valid with -p.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0224

Message: Invalid syntax. The -d option is not valid with -u.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0225

Message: Invalid syntax. The -d option is not valid with -l.
Detailed Description: The syntax of the command is incorrect.
Recommended Response Action: Refer to the help for remote image command.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
**SWC0226**

<table>
<thead>
<tr>
<th>Message</th>
<th>No valid directory service certificate exists</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The Remote/Firmware racadm did not find any AD/LDAP certificate at specified path.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**SWC0227**

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition label exceeds maximum limit of 6 alphanumeric characters.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid values passed to the function.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a shorter path to the firmware image file.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**SWC0228**

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition label must be an alphanumeric character string.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Invalid values passed to the function.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a shorter Partition label.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### SWC0229

**Message**
Some Necessary tag(s) are missing: -i -o -e -t -f & -s must be specified for create partition.

**Detailed Description**
Insufficient arguments passed to the command.

**Recommended Response Action**
Refer the help text for vflashpartition command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0230

**Message**
vFlash not enabled.

**Detailed Description**
vFlash is not enabled. This may be because the user does not have enough privileges.

**Recommended Response Action**
Enable vFlash and re-try.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0231

**Message**
Partition of type "image" not supported on local racadm.

**Detailed Description**
The partition image type specified is not available on local racadm.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### SWC0232

<table>
<thead>
<tr>
<th>Message</th>
<th>Remote RACADM commands are not supported on this iDRAC. To upgrade your iDRAC version, contact your service provider.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Remote RACADM commands are not supported on the current iDRAC.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>If remote RACADM is a necessity, upgrade the iDRAC version.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0233

<table>
<thead>
<tr>
<th>Message</th>
<th>No indexes are available to configure additional groups.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Indexed groups in the configuration file is more than the indexed groups in iDRAC.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify if the number of indexed groups available in iDRAC match the indexed groups in the configuration file. If it does not match, either reset the unnecessary indexes on iDRAC or remove the extra groups from the configuration file.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### SWC0234

<table>
<thead>
<tr>
<th>Message</th>
<th>Remote host is not reachable or connection is interrupted.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The remote host specified for the ftp update is not reachable.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the connectivity between iDRAC and the remote host used for the ftp update.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
**SWC0235**

**Message**
All keys successfully deleted.

**Detailed Description**
All public keys stored on the iDRAC have been deleted.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0236**

**Message**
Key successfully deleted.

**Detailed Description**
The specified public key was deleted from iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0237**

**Message**
Key text appears to be corrupted.

**Detailed Description**
The key text in the public key specified is corrupt.

**Recommended Response Action**
Request for a valid public key from the system and re-try the command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### SWC0238

**Message**  
Key is too long.

**Detailed Description**  
The key specified by the public key is too long.

**Recommended Response Action**  
Request for a valid public key from the system and re-try the command.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SWC0239

**Message**  
The requested object is not allowed to be configured if IPv6 AutoConfig is enabled.

**Detailed Description**  
The requested object is auto-assigned if IPv6 AutoConfig is enabled, and hence cannot be configured.

**Recommended Response Action**  
Disable IPv6 AutoConfig and re-try the command.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SWC0240

**Message**  
The IPv6 DNS Server IP address is not allowed to be configured if IPv6 DNS Server DHCP (cfgIPv6DNSServersFromDHCP6) is enabled.

**Detailed Description**  
The requested object is auto-assigned if DNS Server DHCP is enabled, and hence cannot be configured.

**Recommended Response Action**  
Disable DNS Server DHCP and re-try the command.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>Message</th>
<th>Power Cap Enable not set. Unable to modify this property</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>To modify this property, set the Power Cap Enable option.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Set the Power Cap Enable object and modify the required property.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>A required license is missing or expired. Obtain an appropriate license and try again, or contact your service provider for additional details.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The license is missing or expired. This will result in the loss of functionality that is specific to the features supported by the license.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Import an appropriate license to iDRAC. If you do not know which license to install, contact your service provider.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

---

<table>
<thead>
<tr>
<th>Message</th>
<th>Certificate regenerated successfully and webserver restarted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>SSL Certificate is regenerated successfully and the Web server is restarted.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### SWC0244
**Message**
Invalid Fully Qualified Device Descriptor (FQDD).

**Detailed Description**
The specified Fully Qualified Device Descriptor (FQDDs) system component name is invalid.

**Recommended Response Action**
Verify that the correct Fully Qualified Device Descriptor (FQDD) system component name is specified. See the help text (The help text for the get subcommand can be obtained by running “racadm help get”) or documentation for valid FQDD system component names.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0245
**Message**
Failed to set object value because local configuration using RACADM is disabled.

**Detailed Description**
Local configuration using RACADM is disabled. This limits local configuration privileges such as resetting object values.

**Recommended Response Action**
Within group cfgRacTuning set the property cfgRacTuneLocalConfigDisable to 0.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0246
**Message**
Value specified is invalid: Valid range is arg1.

**Arguments**
arg1 = index

**Detailed Description**
The specified value is outside of the valid range.

**Recommended Response Action**
Verify that a valid value is specified. See the help text or documentation for valid values.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
No alerts are applicable for this message

**SWC0247**

**Message**
Invalid subcommand specified.

**Detailed Description**
An invalid subcommand was entered.

**Recommended Response Action**
Refer the list of subcommands.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**SWC0248**

**Message**
Invalid command syntax.

**Detailed Description**
The specified command has invalid syntax.

**Recommended Response Action**
Verify that the correct command syntax is specified. See the help text or documentation for valid commands.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**SWC0249**

**Message**
Invalid syntax. The requested subcommand requires -i arg1 to be specified.

**Arguments**
arg1 = index

**Detailed Description**
The specified parameter needs to be given with its legal value.

**Recommended Response Action**
Enter the proper index preceded by -i.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SWC0250

Message: Invalid syntax. The specified subcommand does not require any options.
Detailed Description: Extra parameters were passed.
Recommended Response Action: Enter the subcommand without any options.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SWC0251

Message: Invalid index value. Only index values arg1 - arg2 are permitted.
Arguments: arg1 = number, arg2 = number
Detailed Description: The value of specified parameter is invalid.
Recommended Response Action: Enter the index value as specified by the message.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SWC0252

Message: No options were specified. The subcommand requires options to be used.
Detailed Description: Invalid number of arguments were passed to the command.
Recommended Response Action: Refer the help text for the command, and enter the required parameters.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
SWC0253

Message
Unable to allocate memory needed to perform operation.

Detailed Description
Unable to allocate memory to perform the operation, see the inserted comment.

Recommended Response Action
Power Cycle the system and re-enter the command.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0254

Message
Unable to perform requested operation. If the operation attempted was to configure DRAC, possible reason may be that Local Configuration using RACADM is disabled.

Detailed Description
Local Configuration using RACADM may be disabled.

Recommended Response Action
Check if the Local Configuration using RACADM is disabled and enable it through GUI.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0255

Message
Unable to open file.

Detailed Description
Unable to open the specified file.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
### SWC0256

**Message**  
Unable to read file.

**Detailed Description**  
Unable to read the specified file.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SWC0257

**Message**  
Invalid syntax. Too many options specified.

**Detailed Description**  
Invalid number of arguments were passed to the command.

**Recommended Response Action**  
Refer the help text for the command.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SWC0258

**Message**  
Insufficient resources to perform operation.

**Detailed Description**  
Insufficient resources to execute the command.

**Recommended Response Action**  
Power Cycle the system and re-enter the command.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
SWC0259

Message       Invalid group specified.
Detailed Description       The value of specified parameter is invalid.
Recommended Response Action       Refer the list of groups and enter a valid option.
Category       Configuration (SWC = Software Config)
Severity       Severity 3 (Informational)
Redfish Event Type       Alert

No alerts are applicable for this message

SWC0260

Message       Invalid object specified.
Detailed Description       The value of specified parameter is invalid.
Recommended Response Action       Refer the list of objects in the corresponding group.
Category       Configuration (SWC = Software Config)
Severity       Severity 3 (Informational)
Redfish Event Type       Alert

No alerts are applicable for this message

SWC0261

Message       The specified option is not supported with the interface being used.
Detailed Description       The option requested is not available on the interface being used.
Recommended Response Action       Refer to the help to get the list of commands/options valid for the interface.
Category       Configuration (SWC = Software Config)
Severity       Severity 3 (Informational)
Redfish Event Type       Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>SWC0262</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

---

<table>
<thead>
<tr>
<th>SWC0263</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

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<table>
<thead>
<tr>
<th>SWC0264</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
</tr>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td><strong>Severity</strong></td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
### SWC0265

**Message**  
This option is not supported on this type of DRAC.

**Detailed Description**  
The option requested is not available on the DRAC being used.

**Recommended Response Action**  
Refer to the help to get the list of commands/options valid for the DRAC.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SWC0266

**Message**  
Unable to perform the requested operation. Make sure SD card is inserted.

**Detailed Description**  
The SD card may not be inserted/inserted properly.

**Recommended Response Action**  
Ensure that the SD card is inserted in the server.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### SWC0267

**Message**  
Unable to perform the requested operation. Make sure a non write protected SD card is inserted.

**Detailed Description**  
Unable to edit the SD card, since it is write protected.

**Recommended Response Action**  
Check if the SD card is write protected. If yes, disable the write protection.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
SWC0268

Message There is no ASR screen currently available to clear
Detailed Description The ASR screen is already cleared.
Recommended Response Action No response action is required.
Category Configuration (SWC = Software Config)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0269

Message Unable to clear the RAC log. Possible reason may be that Local Configuration using RACADM is disabled.
Detailed Description Local Configuration using RACADM may be disabled.
Recommended Response Action Check if the Local Configuration using RACADM is disabled and enable it through GUI.
Category Configuration (SWC = Software Config)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0270

Message Unable to clear the SEL. Possible reason may be that Local Configuration using RACADM is disabled.
Detailed Description Local Configuration using RACADM may be disabled.
Recommended Response Action Check if the Local Configuration using RACADM is disabled and enable it through GUI.
Category Configuration (SWC = Software Config)
Severity Severity 2 (Warning)
Redfish Event Type Alert

No alerts are applicable for this message
**SWC0271**

**Message**
Invalid syntax. The -f option is only valid with -p and -c.

**Detailed Description**
The syntax for the config command is invalid.

**Recommended Response Action**
Refer to the help text for the config subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0272**

**Message**
Invalid syntax. The -g option is only valid with -o, -i, and -c.

**Detailed Description**
The syntax for the config command is invalid.

**Recommended Response Action**
Refer to the help text for the config subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0273**

**Message**
Invalid syntax. The -g option requires -o to also be specified.

**Detailed Description**
The syntax for the config command is invalid.

**Recommended Response Action**
Refer to the help text for the config subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. An object value must be specified.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value of specified parameter is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter the same command with a legal value to the object.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -c option is only valid with -f or -g.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax for the config command is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the help text for the config subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid syntax. The -p option is only valid with -f.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The syntax for the config command is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Refer to the help text for the config subcommand.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
<tr>
<td></td>
<td>No alerts are applicable for this message</td>
</tr>
</tbody>
</table>
### SWC0277

**Message**
Invalid syntax. The `-i` option is only valid with `-g` and `-o`.

**Detailed Description**
The syntax for the `config` command is invalid.

**Recommended Response Action**
Refer to the help text for the `config` subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0278

**Message**
Invalid group or object specified.

**Detailed Description**
The value of specified parameter is invalid.

**Recommended Response Action**
Enter the values for the group name and object name correctly.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0279

**Message**
The specified group is not indexed and does not support `-i`.

**Detailed Description**
The group is not indexed and does not require an index to be specified.

**Recommended Response Action**
Enter the command without the index.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### SWC0280

**Message**
The indexed group specified requires `-i arg1`.

**Arguments**
`arg1 = index`

**Detailed Description**
The group is indexed and an index needs to be specified.

**Recommended Response Action**
Enter the command with a valid index for the group.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0281

**Message**
The specified object is READ ONLY and cannot be modified.

**Detailed Description**
The value being modified is READ only.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0282

**Message**
The specified object is READ ONLY for this index and cannot be modified.

**Detailed Description**
The value being modified is READ only.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
### SWC0283

<table>
<thead>
<tr>
<th>Message</th>
<th>The specified object value is not valid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value given for the object is not valid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a valid value for the corresponding object.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0284

<table>
<thead>
<tr>
<th>Message</th>
<th>Failed to set the object value. Possible reason may be that Local Configuration using RACADM is disabled.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Local Configuration using RACADM may be disabled.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check if the Local Configuration using RACADM is disabled and enable it through GUI.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

### SWC0285

<table>
<thead>
<tr>
<th>Message</th>
<th>Object value is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value given for the object is not valid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Enter a valid value for the corresponding object.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
**SWC0286**

<table>
<thead>
<tr>
<th>Message</th>
<th>Modifying the user configuration at index 1 is not allowed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Objects in the cfgUserAdmin group corresponding to index 1 cannot be modified.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**SWC0287**

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid entry in configuration file.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The value of a parameter in the config file is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**SWC0288**

<table>
<thead>
<tr>
<th>Message</th>
<th>Object <em>arg1</em> in <em>arg2</em> group must be specified. Line: <em>arg3</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td><em>arg1</em> = object name, <em>arg2</em> = group name, <em>arg3</em> = line no.</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The object specified in the message in the group specified in the message is not configured.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Configure the object specified in the message in specified group, before performing a config to file action.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (SWC = Software Config)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
SWC0289


Arguments: arg1 = Group Name, arg2 = Object Name, arg3 = Value, arg4 = Line No.

Detailed Description: The specified object value is invalid.

Recommended Response Action: Configure the specified object and assign a valid value.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0290

Message: Failed to configure object. Group: arg1, Object: arg2

Arguments: arg1 = Group Name, arg2 = Object Name

Detailed Description: Failed to configure the object specified in the error message.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message.

SWC0291

Message: Another object exists with the specified value. Duplicate values are not allowed for the requested object.

Detailed Description: Another object of the same value exists. Typically in the case of username.

Recommended Response Action: Change the specified value and re-try.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
No alerts are applicable for this message

SWC0292

Message: The specified object at index arg1 does not exist.
Arguments: arg1 = index number
Detailed Description: The queried object does not exist at the specified index.
Recommended Response Action: Check for the objects available at the specified index and re-try.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0293

Message: The specified object is not recognized by iDRAC.
Detailed Description: The specified object is not present in the iDRAC.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0294

Message: Invalid group name specified.
Detailed Description: The group name specified is incorrect.
Recommended Response Action: Refer to the list of groups available and choose the correct one.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
SWC0295

Message: Invalid object name specified.
Detailed Description: The object name specified is incorrect.
Recommended Response Action: Refer to the list of objects in the group and choose the correct one.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0296

Message: The specified value is not allowed to be configured if the user name or password is blank.
Detailed Description: Either the password field or the username field is empty.
Recommended Response Action: Enter the command with the username and password.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0297

Message: Unable to remove passwords because file could not be saved.
Detailed Description: After the Groups are downloaded to a file, the passwords are to be deleted.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
**SWC0298**

**Message**
The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMI over LAN is disabled by force and cannot be enabled.

**Detailed Description**
The specified object value cannot be configured if local configuration is disabled or smart card logon is enabled. If smart card logon is enabled, serial, SSH, telnet and IPMI over LAN is disabled by force and cannot be enabled.

**Recommended Response Action**
Enable Local Configuration (through GUI) or Disable Smart Card Logon to change the value.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0299**

**Message**
The Destination Email Address is invalid.

**Detailed Description**
The Email Address provided is invalid.

**Recommended Response Action**
Specify a valid Email address.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0300**

**Message**
There is no coredump currently available.

**Detailed Description**
There is no coredump available to display.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
<table>
<thead>
<tr>
<th>Code</th>
<th>Message</th>
<th>Detailed Description</th>
<th>Recommended Response Action</th>
<th>Category</th>
<th>Severity</th>
<th>Redfish Event Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWC0301</td>
<td>The specified IP address is not valid.</td>
<td>The IP address provided is not valid.</td>
<td>Specify a valid IP Address.</td>
<td>Configuration (SWC = Software Config)</td>
<td>Severity 2 (Warning)</td>
<td>Alert</td>
</tr>
<tr>
<td>SWC0302</td>
<td>The -s option is not valid with any other option.</td>
<td>The syntax of the fwupdate command is invalid.</td>
<td>Refer the help text for fwupdate subcommand.</td>
<td>Configuration (SWC = Software Config)</td>
<td>Severity 3 (Informational)</td>
<td>Alert</td>
</tr>
<tr>
<td>SWC0303</td>
<td>The -r option is not valid with any other option.</td>
<td>The syntax of the fwupdate command is invalid.</td>
<td>Refer the help text for fwupdate subcommand.</td>
<td>Configuration (SWC = Software Config)</td>
<td>Severity 3 (Informational)</td>
<td>Alert</td>
</tr>
</tbody>
</table>
### SWC0304

**Message**
The -g option requires -u to also be specified.

**Detailed Description**
The syntax of the fwupdate command is invalid.

**Recommended Response Action**
Refer the help text for fwupdate subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0305

**Message**
The -p option requires -u to also be specified.

**Detailed Description**
The syntax of the fwupdate command is invalid.

**Recommended Response Action**
Refer the help text for fwupdate subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SWC0306

**Message**
The -a option requires -g and -u to also be specified.

**Detailed Description**
The syntax of the fwupdate command is invalid.

**Recommended Response Action**
Refer the help text for fwupdate subcommand.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SWC0307

Message          The -d option requires -p or -g to also be specified.
Detailed          The syntax of the fwupdate command is invalid.
Description
Recommended       Refer the help text for fwupdate subcommand.
Response Action
Category          Configuration (SWC = Software Config)
Severity          Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0308

Message          The -d option requires -g to also be specified.
Detailed          The syntax of the fwupdate command is invalid.
Description
Recommended       Refer the help text for fwupdate subcommand.
Response Action
Category          Configuration (SWC = Software Config)
Severity          Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message

SWC0309

Message          The -p option is not supported with the interface being used.
Detailed          The platform does not support the specified functionality of fwupdate.
Description
Recommended       No response action is required.
Response Action
Category          Configuration (SWC = Software Config)
Severity          Severity 3 (Informational)
Redfish Event Type Alert

No alerts are applicable for this message
<table>
<thead>
<tr>
<th>SWC0310</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
</tr>
<tr>
<td>Detailed Description</td>
</tr>
<tr>
<td>Recommended Response Action</td>
</tr>
<tr>
<td>Category</td>
</tr>
<tr>
<td>Severity</td>
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<tr>
<td>Redfish Event Type</td>
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<tr>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SWC0311</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
</tr>
<tr>
<td>Detailed Description</td>
</tr>
<tr>
<td>Recommended Response Action</td>
</tr>
<tr>
<td>Category</td>
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<tr>
<td>Severity</td>
</tr>
<tr>
<td>Redfish Event Type</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SWC0312</th>
</tr>
</thead>
<tbody>
<tr>
<td>Message</td>
</tr>
<tr>
<td>Detailed Description</td>
</tr>
<tr>
<td>Recommended Response Action</td>
</tr>
<tr>
<td>Category</td>
</tr>
<tr>
<td>Severity</td>
</tr>
<tr>
<td>Redfish Event Type</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
SWC0313

Message: Invalid syntax. The -h option is not valid with any other options.
Detailed Description: The syntax of the getconfig command is invalid.
Recommended Response Action: Refer the help text for getconfig subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0314

Message: Invalid syntax. The -o option requires -g to be specified also.
Detailed Description: The syntax of the getconfig command is invalid.
Recommended Response Action: Refer the help text for getconfig subcommand.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC0315

Message: Failed to get object value.
Detailed Description: The getconfig subcommand failed to get the object value.
Recommended Response Action: No response action is required.
Category: Configuration (SWC = Software Config)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message
SWC0316
Message: The index must be greater than 0.
Detailed Description: The value for index must be greater than zero.
Recommended Response Action: Enter a positive value for index.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0317
Message: The number of records to display must be greater than zero.
Detailed Description: The value for -c must be greater than zero.
Recommended Response Action: Enter a value greater than zero, for the option -c.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

SWC0318
Message: The starting record must be greater than zero.
Detailed Description: The value for -s must be greater than zero.
Recommended Response Action: Enter a value greater than zero, for the option -s.
Category: Configuration (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message
SWC0319

Message
The -i option is not valid with any other options.

Detailed Description
The syntax for the getraclog command is invalid.

Recommended Response Action
Refer the help text for getraclog command.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0320

Message
Unable to get the number of records available.

Detailed Description
Racadm tool failed to get the total number of records.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

SWC0321

Message
Unable to open the log for reading.

Detailed Description
Could not open the log file for reading.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message
**SWC0322**

**Message**
Starting record specified exceeds number of records available.

**Detailed Description**
The starting record value has to be lesser than the number of records available.

**Recommended Response Action**
Get the number of records available, and then run the command. If the command is gettracelog, try executing the command again.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0323**

**Message**
Number of records specified exceeds number of records available.

**Detailed Description**
The number of records specified to be displayed should be lesser than number of records available.

**Recommended Response Action**
Get the number of records available, and then run the command.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0324**

**Message**
There are no records available to display.

**Detailed Description**
There are no records to display. This might be a result of the log being cleared.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**SWC0325**

**Message**
The specified object is WRITE-ONLY and cannot be displayed.

**Detailed Description**
The requested property is write-only.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0700**

**Message**
iDRAC is not ready. The configuration values cannot be accessed. Please retry after a few minutes.

**Detailed Description**
iDRAC7 is not ready or is busy and is not responding to iDRAC7 Settings IPMI requests.

**Recommended Response Action**
Turn off the system, Remove AC. Wait for 5 seconds. Connect AC. Turn it on.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SWC0701**

**Message**
Power capping is enabled.

**Detailed Description**
Power capping is enabled and sets user-defined power capping limits for the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**SWC0702**

**Message**
Power capping is disabled.

**Detailed Description**
Power capping is disabled and sets recommended limits for the system.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**SWC0717**

**Message**
iDRAC Local Configuration is disabled. iDRAC Settings are accessed in read-only mode.

**Detailed Description**
For security reasons, the local configuration is disabled. Enable local configuration from the iDRAC Web interface

**Recommended Response Action**
Enable iDRAC local configuration from iDRAC Web interface.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**SWC0722**

**Message**
Error occurred while resetting to defaults. The reset command was not accepted.

**Detailed Description**
iDRAC is processing a previous reset to default command.

**Recommended Response Action**
Retry after a few minutes.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
**SWC0723**

- **Message**: Error occurred while Resetting to defaults. The Reset status is not available.
- **Detailed Description**: iDRAC is not responding to the current Reset status query.
- **Recommended Response Action**: Retry after a few minutes.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**SWC0724**

- **Message**: Error occurred while Resetting to defaults due to a timeout.
- **Detailed Description**: Resetting to defaults did not complete within the maximum process allotted time.
- **Recommended Response Action**: Retry after a few minutes.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 1 (Critical)
- **Redfish Event Type**: Alert

*No alerts are applicable for this message*

**SWC1903**

- **Message**: RAC SSL Certificate has been changed.
- **Detailed Description**: RAC SSL Certificate has been changed.
- **Recommended Response Action**: No response action is required.
- **Category**: Configuration (SWC = Software Config)
- **Severity**: Severity 3 (Informational)
- **Redfish Event Type**: Alert
**SWC1905**

**Message**
RAC Virtual Console configuration has been changed.

**Detailed Description**
RAC Virtual Console configuration has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC1909**

**Message**
User ID **arg1** RAC Privilege has been changed.

**Arguments**

**arg1** = username

**Detailed Description**
The privilege level of the iDRAC User ID indicated in the message has been changed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)
Severity 3 (Informational)

Redfish Event Type: Alert

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iDRAC ✔
CMC

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iDRAC ✔
CMC

**SWC1910**

*Message:* User ID arg1 User Name has been changed.

*Arguments:* arg1 = username

*Detailed Description:* User ID Name has been changed.

*Recommended Response Action:* No response action is required.

*Category:* Configuration (SWC = Software Config)

*Severity:* Severity 3 (Informational)

Redfish Event Type: Alert

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iDRAC ✔
CMC

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iDRAC ✔
CMC

**SWC1911**

*Message:* User ID arg1 User Password has been changed.

*Arguments:* arg1 = username
User ID Password has been changed.

No response action is required.

Configuration (SWC = Software Config)

Severity 3 (Informational)

Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | | | | | | |

User ID Access Right has been changed.

arg1 = username

User ID Access Right has been changed.

No response action is required.

Configuration (SWC = Software Config)

Severity 3 (Informational)

Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | | | | | | |

User ID arg1 User Access Right has been changed.

arg1 = username

User ID Access Right has been changed.

No response action is required.

Configuration (SWC = Software Config)

Severity 3 (Informational)

Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | | | | | | |
**SWC1913**

**Message**
Network Time Protocol configuration is enabled.

**Detailed Description**
Network Time Protocol configuration is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SWC1914**

**Message**
Network Time Protocol configuration is disabled.

**Detailed Description**
Network Time Protocol configuration is disabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SWC1915**

**Message**

iDRAC time zone has changed.

**Detailed Description**

iDRAC time zone has changed.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**SWC1916**

**Message**

Network Time Protocol server configuration has changed.

**Detailed Description**

Network Time Protocol server configuration has changed.

**Recommended Response Action**

No response action is required.

**Category**

Audit (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert
HTTPS redirection is disabled.

HTTP to HTTPS redirection is disabled. Any iDRAC connection made over the HTTP port (default port number 80) will no longer be redirected to the secure HTTPS port (default port number 443). This will make the connections insecure as the data transmitted over the port is no longer encrypted.

No response action is required.

Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

HTTPS redirection is enabled.

HTTP to HTTPS redirection is enabled. Any iDRAC connection made over the HTTP port (default port number 80) will be redirected to the secure HTTPS port (default port number 443).

No response action is required.
**Category** Configuration (SWC = Software Config)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**

| iDRAC          | ✔          | ✔          | ✔           |                   |             |                  |
| CMC            |            |            |             |                   |             |                  |

**SWC1920**

**Message** The Chassis Management at Server Mode is enabled.

**Detailed Description** The Chassis Management at Server Mode is enabled.

**Recommended Response Action** No response action is required.

**Category** Audit (SWC = Software Config)

**Severity** Severity 3 (Informational)

**Redfish Event Type** Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**

| iDRAC          | ✔          | ✔          | ✔           |                   |             |                  |
| CMC            |            |            |             |                   |             |                  |

**SWC1921**

**Message** The Chassis Management at Server Mode is disabled.

**Detailed Description** The Chassis Management at Server Mode is disabled.
**Recommended Response Action**: No response action is required.

**Category**: Audit (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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**iDRAC** ✔ ✔

**CMC**

**SWC1922**

**Message**: User arg1 has successfully modified the server configuration by using Quick Sync.

**Arguments**: arg1 = user name

**Detailed Description**: The user identified in the message has successfully modified the server configuration by using Quick Sync.

**Recommended Response Action**: No response action is required.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert

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**iDRAC** ✔ ✔

**CMC**

1978
**SWC1923**

**Message**  
Unable to modify the server configuration by using Quick Sync because invalid credentials are entered.

**Detailed Description**  
The server configuration cannot be modified by using Quick Sync because invalid credentials are entered.

**Recommended Response Action**  
Make sure that correct user name and password are entered, and then retry the operation.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SWC1924**

**Message**  
Unable to modify the server configuration by using Quick Sync.

**Detailed Description**  
The server configuration cannot be modified by using Quick Sync because issues were found with the configuration information.

**Recommended Response Action**  
Review the server configuration operation results and correct any issues detected, then retry the operation.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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1979
### SWC1925

**Message**
The iDRAC Quick Sync access feature is set to the Disabled mode.

**Detailed Description**
The iDRAC Quick Sync access feature is set to the Disabled mode.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SWC1926

**Message**
The iDRAC Quick Sync interface is enabled.

**Detailed Description**
The iDRAC Quick Sync interface is enabled.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
The iDRAC Quick Sync access feature is set to the read-only mode.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

**Message**
The iDRAC Quick Sync access feature is set to the read-write mode.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
The iDRAC Quick Sync inactivity timeout value is set to \textit{arg1}.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = timeout period

\textbf{Detailed Description} \hspace{1cm} The iDRAC Quick Sync inactivity timeout value is set to the value identified in the message.

\textbf{Recommended Response Action} \hspace{1cm} No response action is required.

\textbf{Category} \hspace{1cm} Configuration (SWC = Software Config)

\textbf{Severity} \hspace{1cm} Severity 3 (Informational)

1982
**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**SWC1931**

**Message**  The iDRAC Quick Sync inactivity timeout configuration is disabled.

**Detailed Description**  The iDRAC Quick Sync inactivity timeout configuration is disabled. The iDRAC Quick Sync feature will remain available after pressing the activate button.

**Recommended Response Action**  No response action is required.

**Category**  Configuration (SWC = Software Config)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

<table>
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**SWC4004**

**Message**  A firmware or software incompatibility detected between iDRAC in slot arg1 and CMC.

**Arguments**  arg1 = number
**Detailed Description**

FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

**Recommended Response Action**

Check firmware versions of iDRAC and CMC. Update to latest version.

**Category**

System Health (SWC = Software Config)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2338

**Redfish Event Type**

Alert

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**SWC4005**

**Message**

A firmware or software incompatibility was corrected between iDRAC in slot `arg1` and CMC.

**Arguments**

`arg1` = number

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2339

**Redfish Event Type**

Alert

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SWC4006

Message  A firmware or software incompatibility detected between system BIOS in slot arg1 and CMC.

Arguments  arg1 = number

Detailed Description  FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

Recommended Response Action  Check firmware versions of BIOS and CMC. Update to latest version.

Category  System Health (SWC = Software Config)

Severity  Severity 2 (Warning)

Trap/EventID  2338

Redfish Event Type  Alert

SWC4007

Message  A firmware or software incompatibility was corrected between system BIOS in slot arg1 and CMC.

Arguments  arg1 = number

Detailed Description  None

Recommended Response Action  No response action is required.

Category  System Health (SWC = Software Config)

Severity  Severity 3 (Informational)
Trap/EventID | 2339
---|---
Redfish Event Type | Alert

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**SWC4008**

**Message**
A firmware or software incompatibility detected between CMC 1 and CMC 2.

**Detailed Description**
FlexAddress is not implemented in one of the versions of firmware. Please update the firmware.

**Recommended Response Action**
Check firmware versions. Update CMC 1 and CMC 2 firmware to match.

**Category**
System Health (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Trap/EventID** | 2338
---|---

Redfish Event Type | Alert

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**SWC4009**

**Message**
A firmware or software incompatibility was corrected between CMC 1 and CMC 2.

**Detailed Description**
None
SWC4010

Message

arg1 arg2 in Server- arg3 requires a version of Chassis Management Controller (CMC) firmware 5.0 or later for using the NParEP (ARI mode) functions.

Arguments

arg1 = network device name, arg2 = network device location, arg3 = server location

Detailed Description

The current CMC firmware does not support the ARI Mode advanced features available in the network device on the server identified in the message.

Recommended Response Action

Update the CMC firmware to the latest version and to enable access to the advanced features available in the network device.

Category

System Health (SWC = Software Config)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

No alerts are applicable for this message

SWC4011

Message

A firmware or software incompatibility is automatically corrected between the arg1 arg2 in Server- arg3 and the Chassis Management Controller (CMC).

Arguments

arg1 = network device name, arg2 = network device location, arg3 = server location
Detailed Description: A firmware or software incompatibility was automatically corrected between the network device in the Server identified in the message and the Chassis Management Controller (CMC).

Recommended Response Action: No response action is required.

Category: System Health (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SWC4012

Message: A firmware or software incompatibility is detected between arg1 arg2 and arg3 arg4.

Arguments: arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

Detailed Description: The system has detected a firmware or software incompatibility between the components identified in the message. A mismatch between component versions may cause the system to not function appropriately.

Recommended Response Action: Update the firmware or software of the components identified in the message. For information about the identified components, see the product documentation available at the service provider support site.

Category: System Health (SWC = Software Config)

Severity: Severity 1 (Critical)

Trap/EventID: 2337

Redfish Event Type: Alert

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SWC4013

Message
A firmware or software incompatibility was corrected between arg1 arg2 and arg3 arg4.

Arguments
arg1 = first component name, arg2 = first component location, arg3 = second component name, arg4 = second component location

Detailed Description
A firmware or software incompatibility was corrected between the components identified in the message.

Recommended Response Action
No response action is required.

Category
System Health (SWC = Software Config)

Severity
Severity 3 (Informational)

Trap/EventID
2339

Redfish Event Type
Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | * | ✔ | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC | ✔ | | | | | 
CMC | ✔ | | | | | |

SWC5000

Message
arg1 upgrade was successful.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### SWC5001

**Message**

`arg1` upgrade failed.

**Arguments**

`arg1` = name

**Detailed Description**

None

**Recommended Response Action**

Reboot the system and attempt the upgrade again.

**Category**

System Health (SWC = Software Config)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

### SWC5002

**Message**

`arg1` upgrade was successful but encountered minor errors.

**Arguments**

`arg1` = name

**Detailed Description**

None

**Recommended Response Action**

Check system logs for minor errors.
SWC5003

Message: System Controller (SC) has either stopped functioning or is updating a firmware version.

Detailed Description: The System Controller (SC) has either stopped functioning or is updating a firmware version.

Recommended Response Action: Make sure that the System Controller is functioning.

Category: System Health (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWC5004

Message: System Controller (SC) has restarted functioning.

Detailed Description: System Controller (SC) has started functioning again because either a server health issue is resolved or SC has completed a firmware update process.

Recommended Response Action: No response action required.

Category: System Health (SWC = Software Config)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
SWC5005

Message       Unable to update the System Controller (SC) firmware
Detailed Description       The System Controller (SC) firmware cannot be updated. For information about the causes, see SEL Event Data Byte 2.
Recommended Response Action       Retry the SC firmware update operation. If the issue persists, try updating by using a different firmware update file.
Category       Updates (SWC = Software Config)
Severity       Severity 1 (Critical)
Redfish Event Type       Alert

No alerts are applicable for this message

SWC5006

Message       System Controller (SC) Firmware Update Successful
Detailed Description       System Controller (SC) reported a successful Firmware Update
Recommended Response Action       No response action required.
Category       Updates (SWC = Software Config)
Severity       Severity 3 (Informational)
Redfish Event Type       Alert

No alerts are applicable for this message

SWC8500

Message       Unable to generate Profile with [arg1] settings.
Arguments       arg1 = number of entries
Detailed Description       Unable to communicate with iDRAC.
Recommended Response Action       Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.
Category       Configuration (SWC = Software Config)
Severity       Severity 1 (Critical)
Redfish Event Type       Alert
SWC8501

Message
Unable to generate Profile.

Detailed Description
Unable to communicate with iDRAC.

Recommended Response Action
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

SWC8502

Message
A Profile is successfully generated with \[ \text{arg1} \] settings.

Arguments
\text{arg1} = \text{settings count}

Detailed Description
A Profile is successfully generated with the number of settings identified in the message.

Recommended Response Action
No response action is required.
**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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**SWC8503**

**Message**  
arg1 Profile is renamed to arg2

**Arguments**  
arg1 = profile name, arg2 = new profile name

**Detailed Description**  
The Profile identified in the message has been renamed.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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**SWC8504**

**Message**  
arg1 Profile renamed to arg2 and description edited.

**Arguments**  
arg1 = profile name, arg2 = new profile name
The Profile identified in the message was renamed and the description for the Profile was edited.

No response action is required.

Configuration (SWC = Software Config)

Severity 3 (Informational)

Alert

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arg1 Profile description edited.

arg1 = profile name

The description for the Profile identified in the message was edited.

No response action is required.

Configuration (SWC = Software Config)

Severity 3 (Informational)

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SWC8506

Message
arg1 Profile deleted.

Arguments
arg1 = profile name

Detailed Description
The Profile identified in the message has been deleted.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SWC8507

Message
arg1 Profile created.

Arguments
arg1 = profile name

Detailed Description
A new Profile identified in the message has been created.

Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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1996
**SWC8508**

**Message**
Unable to capture Profile from server in slot \textit{arg1}

**Arguments**
\textit{arg1} = slot number

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response Action**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**SWC8509**

**Message**
Unable to apply \textit{arg1} Profile to server in slot \textit{arg2}

**Arguments**
\textit{arg1} = profile name, \textit{arg2} = slot number

**Detailed Description**
Unable to communicate with iDRAC.

**Recommended Response Action**
Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required. The Lifecycle log in the server identified in the message may have additional information about the inability of the iDRAC to apply Profile settings.
Unable to apply arg1 Profile to requested Server(s)

arg1 = profile name

Unable to communicate with the iDRAC of the requested Server.

Check if iDRAC is ready and system is running properly. Utilize the RACADM command by running "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required. The Lifecycle log in the server may have additional information about the inability of the iDRAC to apply Profile settings.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

### Filter Visibility

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### LC Log

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1998
**SWC8511**

**Message**  
User arg1 was successfully added

**Arguments**  
arg1 = user name

**Detailed Description**  
The user name identified in the message was added successfully.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**SWC8512**

**Message**  
Unable to add User arg1 : arg2 - arg3

**Arguments**  
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**  
Unable to add user name identified in the message. The reason for this issue is described with the error code in the message.

**Recommended Response Action**  
Correct the error described in the message and retry the operation after a few minutes.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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</table>
### SWC8513

**Message**
Successfully deleted User *arg1*.

**Arguments**
*arg1* = user name

**Detailed Description**
The user name identified in the message was successfully deleted.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC8514

**Message**
Unable to delete User *arg1* : *arg2* - *arg3*

**Arguments**
*arg1* = user name, *arg2* = error code, *arg3* = error message

**Detailed Description**
Unable to delete the user name identified in the message.

**Recommended Response Action**
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### SWC8515

**Message**
Successfully modified privileges of User `arg1`.

**Arguments**
- `arg1` = user name

**Detailed Description**
Successfully modified privileges of User identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC8516

**Message**
Unable to modify privileges of User `arg1` : `arg2` - `arg3`

**Arguments**
- `arg1` = user name,
- `arg2` = error code,
- `arg3` = error message

**Detailed Description**
Unable to modify privileges of the User identified in the message.
Recommended Response Action: Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

Category: Audit (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

### SWC8517

**Message**: Successfully modified password of User arg1.

**Arguments**: arg1 = user name

**Detailed Description**: Successfully modified the password for the User identified in the message.

**Recommended Response Action**: No response action is required.

**Category**: Audit (SWC = Software Config)

**Severity**: Severity 3 (Informational)

**Redfish Event Type**: Alert
**SWC8518**

**Message**
Unable to modify password of User arg1 : arg2 - arg3

**Arguments**
arg1 = user name, arg2 = error code, arg3 = error message

**Detailed Description**
Unable to modify the password of the User identified in the message.

**Recommended Response Action**
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name and password given are valid. If the issue persists, restart the CMC and retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SWC8519**

**Message**
Successfully modified user name from arg1 to arg2.

**Arguments**
arg1 = original user name, arg2 = new user name

**Detailed Description**
The user name identified in the message was successfully modified.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SWC8520

Message
Unable to modify user name from \texttt{arg1} to \texttt{arg2}: \texttt{arg3} - \texttt{arg4}

Arguments
\texttt{arg1} = original user name, \texttt{arg2} = new user name, \texttt{arg3} = error code, \texttt{arg4} = error message

Detailed Description
Unable to modify the user name specified in the message.

Recommended Response Action
Make sure: 1) The login credentials for the operation have user config administration privilege, 2) The user name given is valid. If the issue persists, restart the CMC and retry the operation.

Category
Audit (SWC = Software Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

2004
### SWC8522

**Message**
Chassis Group Leader update of member arg1 configuration successful.

**Arguments**
arg1 = member id

**Detailed Description**
Successfully completed a configuration sync with the member identified in the message.

**Recommended Response Action**
No response action required.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SWC8523

**Message**
Unable to complete Chassis Group Leader update of member arg1.

**Arguments**
arg1 = DNS or IP address

**Detailed Description**
Unable to complete a configuration sync with the member identified in the message.
Recommended Response Action

Check the communications between the Chassis Group Leader and the member. Run the RACADM command "racadm ping <DNS or IP address> " to check the communications. If the communications are not functional, resolve the communications issue. If the communications are functional, remove the member from the group and re-add the member. If the issue persists, contact your service provider.

Category
Audit (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**SWC8524**

Message
Unable to add arg1 to Chassis Group because a member already exists with the same addressing information.

Arguments
arg1 = target

Detailed Description
A Chassis Group member already exists with the same hostname or IP address information as the target identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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2006
**SWC8525**

*Message*: Unable to add member to Chassis Group. Maximum members supported is arg1.

*Arguments*: arg1 = maximum number of members

*Detailed Description*: Unable to add member because the maximum number of Chassis Group members indicated in the message has been reached.

*Recommended Response Action*: Try removing an existing member and retry the operation.

*Category*: Audit (SWC = Software Config)

*Severity*: Severity 3 (Informational)

*Redfish Event Type*: Alert

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**SWC8526**

*Message*: Unable to delete Chassis Group member arg1 (arg2)

*Arguments*: arg1 = member id, arg2 = DNS or IP address of member

*Detailed Description*: Unable to delete Chassis Group member identified in the message. Another user may have deleted the member before the operation or the group may have been disbanded.

*Recommended Response Action*: Make sure the member identified in the message exists as a member of the Chassis Group. Use the CMC web interface to select the lead chassis, select the setup tab, and then select the group administration sub tab and check if the member exists. If the member exists, restart the group leader and retry the operation.

*Category*: Audit (SWC = Software Config)

*Severity*: Severity 2 (Warning)
Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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**SWC8527**

Message: Chassis Management Controller is unable to update the iDRAC user name to "root".

Detailed Description: Chassis Management Controller unable to update the IDRAC root user username as root. This can happen if the communication to the iDRAC from CMC is non-functional or if the username supplied is not valid.

Recommended Response Action: Make sure the user name is valid. If communication with iDRAC is not successful, reset the iDRAC. Retry the operation after a few minutes.

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**SWC8528**

Message: Chassis Management Controller is unable to update the iDRAC root password.

Detailed Description: The Chassis Management Controller is unable to update the IDRAC "root" user password. This can happen if the communication to the iDRAC from CMC is non-functional or if the password entered is not valid.
**Recommended Response Action**

Make sure the password is valid. If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command `racadm ping server-<slot number>` to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command `racadm racreset -m server-<slot id>`.

**Category**

Audit (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type** Alert

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**SWC8529**

**Message**

Chassis Management Controller unable to enable the iDRAC root user.

**Detailed Description**

The Chassis Management Controller is unable to enable the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or iDRAC is rebooting.

**Recommended Response Action**

If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command `racadm ping server-<slot number>` to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command `racadm racreset -m server-<slot id>`.

**Category**

Audit (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type** Alert

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</table>
SWC8530

Message: Chassis Management Controller unable to set administrator access to the iDRAC root user.

Detailed Description: The Chassis Management Controller is unable to set the server administrator access to the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or the iDRAC is rebooting.

Recommended Response Action: If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number> " to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

Category: Audit (SWC = Software Config)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---

SWC8531

Message: Chassis Management Controller unable to set iDRAC administrator role for root user account.

Detailed Description: The Chassis Management Controller is unable to set the administrator role for the iDRAC root user. This can happen if the communication to the iDRAC from CMC is non-functional or iDRAC is rebooting.

Recommended Response Action: If communications with the iDRAC is not functioning, reset the iDRAC and retry the operation after a few minutes. Run the RACADM command "racadm ping server-<slot number> " to check the communications. If the communications are not functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".
functional, restart the iDRAC by performing a Virtual Reseat of the server using the RACADM command "racadm racreset -m server-<slot id>".

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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</table>

**Message**
Chassis Management Controller is unable to set chassis assigned QuickDeploy IP addresses because the starting IP address cannot accommodate all iDRACs.

**Detailed Description**
The starting IP address specified cannot accommodate all the servers. The starting iDRAC IPv4 Address specifies the static IPv4 address of the iDRAC located in the first slot. The static IPv4 address of each subsequent iDRAC is calculated as a slot number increment of this IPv4 address.

**Recommended Response Action**
Make sure there are enough IPv4 addresses for all the iDRACs and then retry the operation.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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SWC8533

Message
Unable to complete delete all keys operation for service accounts for all slots due to problem saving key file.

Detailed Description
The delete all keys for service accounts for all slots operation did not complete successfully due to problems encountered while saving the key file.

Recommended Response Action
Retry the operation. If the issue persists, contact your service provider.

Category
Audit (SWC = Software Config)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SWC8534

Message
All keys deleted for all slots of service account.

Detailed Description
All keys saved in the Chassis Management Controller for PK SSH Authentication are deleted.

Recommended Response Action
No response action is required.

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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2012
**SWC8535**

**Message**
Unable to add key for slot `arg1` of service account, due to problem saving key file.

**Arguments**
`arg1` = slot number

**Detailed Description**
Public Key (PK) SSH Authentication key file upload did not complete successfully because Chassis Management Controller is unable to access the configuration database.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**SWC8536**

**Message**
Unable to add key for slot `arg1` of service account, due to corrupt key.

**Arguments**
`arg1` = slot number

**Detailed Description**
The add key operation did not complete successfully for the slot identified in the message due to the key being invalid or corrupt.

**Recommended Response Action**
Retry the operation. If the issue persists, contact your service provider.

**Category**
Audit (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
Unable to add key for slot $arg1$ of service account, due to the key being too long.

Arguments
$arg1$ = slot number

Detailed Description
The add key operation did not complete successfully for the slot identified in the message due to the key being too long.

Recommended Response Action
Retry the operation. If the issue persists, contact your service provider.

Category
Audit (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

Unable to delete key for slot $arg1$ of service account, due to problem saving key file.

Arguments
$arg1$ = slot number

Detailed Description
The Public Key (PK) SSH Authentication key file delete operation did not complete successfully because the Chassis Management Controller is unable to access the configuration database.
Recommended Response Action
Retry the operation. If the issue persists, contact your service provider.

Category Audit (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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</table>

**SWC8539**

Message The key delete operation successfully completed for slot arg1 of service account.
Arguments arg1 = slot number
Detailed Description The Public Key (PK) SSH Authentication key file delete operation is successfully completed for the slot identified in the message.
Recommended Response Action No response action required.
Category Audit (SWC = Software Config)
Severity Severity 3 (Informational)
Redfish Event Type Alert

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</table>
**SWC8540**

**Message**  
The add key operation successfully completed for slot *arg1* of service account.

**Arguments**  
*arg1* = slot number

**Detailed Description**  
The Public Key (PK) SSH Authentication key file is successfully uploaded to the Chassis Management Controller.

**Recommended Response Action**  
No response action required.

**Category**  
Audit (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**SWC8541**

**Message**  
The Profile *arg1* is imported.

**Arguments**  
*arg1* = profile name

**Detailed Description**  
The Profile identified in the message is imported.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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2016
**SWC8542**

**Message**
The Profile arg1 is exported.

**Arguments**
arg1 = profile name

**Detailed Description**
The Profile identified in the message is exported.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type** Alert

---

**SWC8543**

**Message**
Unable to perform the Boot Identity profile operation because the server in slot arg1 does not have a Service Tag.

**Arguments**
arg1 = slot number

**Detailed Description**
The Boot Identity operation cannot be performed because server in the slot identified in the message does not have a Service Tag.

**Recommended Response Action**
Set the Service Tag value using the F2 System Setup boot utility. Follow the Server BIOS menu instructions for setting an absent Service Tag or contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type** Alert
### SWC8547

**Message**
Unable to add some of the Media Access Control (MAC) addresses because the MAC addresses are already present in the MAC address pool of Boot Identity profile operations.

**Detailed Description**
Some or all of the Media Access Control (MAC) addresses cannot be added to the pool because they are already present in the MAC address pool.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWC8548

**Message**
Unable to delete some of the Media Access Control (MAC) addresses because the MAC addresses are not present in the MAC address pool or used by Boot Identity profile.

**Detailed Description**
The Media Access Control (MAC) addresses cannot be deleted from the pool because they are not present in the MAC address pool.
Recommended Response Action
No response action is required.

Category
Configuration (SWC = Software Config)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**SWC8549**

**Message**
The status of Media Access Control (MAC) address arg1 is not valid for Boot Identity profile operations.

**Arguments**
arg1 = mac address

**Detailed Description**
The status of Media Access Control (MAC) address identified in the message is not valid. Possible MAC address status values are unassign, assign and active. The value is "unassigned" if the MAC address is not used in any profile. The value is "assigned" if the MAC address used in a profile. The value is "active" if used in a profile applied to a server. The status must be same for all Virtual MAC addresses if assigned to a profile.

**Recommended Response Action**
Edit the Virtual MAC Address Pool to correct the MAC address status. Possible MAC address status values are unassign, assign and active. The value is "unassigned" if the MAC address is not used in any profile. The value is "assigned" if the MAC address used in a profile. The value is "active" if used in a profile applied to a server. The status must be same for all Virtual MAC addresses if assigned to a profile.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SWC8550

**Message**
Unable to capture the server profile because an insufficient number of unused Media Access Control (MAC) addresses in the Virtual MAC Address Pool.

**Detailed Description**
An insufficient number of unused MAC addresses are available in the Virtual MAC Address database to capture the requested number of profiles.

**Recommended Response Action**
Add more MAC addresses to the Virtual MAC Address Pool and retry the capture Boot Identity profile operation. Using the CMC GUI, navigate to the Boot Identity page. More MAC addresses are added using 'Add MAC Address' option provided in 'Manage Virtual MAC Address Pool' section.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
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SWC8551

**Message**
Unable to apply the boot identity profile because the profile arg1 is already in use by the server in slot arg2.

**Arguments**
arg1 = profile name, arg2 = slot number

**Detailed Description**
The boot identity profile cannot be applied because the profile identified in the message is in use by the server in the slot identified in the message.

**Recommended Response Action**
Clear the boot identity of server identified in the message to apply another profile. Using the CMC GUI, navigate to the Boot Identity page, Boot Identities are cleared using ‘Clear Identity’ option provided 'Boot Identity Profiles' tab.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)
SWC8552

**Message**
The server in slot **arg1** does not have a profile associated with it.

**Arguments**
**arg1** = slot number

**Detailed Description**
The server in slot identified in the message does not have a profile associated with it.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SWC8553

**Message**
The profile **arg1** is not valid.

**Arguments**
**arg1** = profile name

**Detailed Description**
The profile identified in the message is not valid.
Recommended Response Action: Edit the profile and make sure no XML schema or configuration errors are present and then retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**Message**

The Virtual MAC Address Pool *arg1* is invalid for Boot Identity profile operations.

**Arguments**

*arg1* = MAC Address Pool name

**Detailed Description**

The Virtual MAC Address Pool identified in the message is not valid. This can occur because the XML syntax is not correct or because of invalid configuration values.

**Recommended Response Action**

Edit the Virtual MAC Address Pool and correct any XML schema or configuration errors present, and then retry the operation.

---

**2022**
**SWC8555**

**Message**
Unable to start the Boot Identity profile operation because a Boot Identity operation is already in progress.

**Detailed Description**
The Boot Identity operation cannot be started because a Boot Identity operation is already in progress.

**Recommended Response Action**
Wait for the current operation to complete, and then retry. Only one Boot Identity operation can be performed at a time.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SWC8556**

**Message**
The Boot Identity profile arg1 is in use by the server that has the Service Tag arg2.

**Arguments**
arg1 = profile name, arg2 = service tag

**Detailed Description**
The Boot Identity profile identified in the message is in use by the server that has the Service Tag identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SWC8557**

**Message**
Unable to delete the profile arg1 because the profile is in use.

**Arguments**
arg1 = profile name

**Detailed Description**
The profile identified in the message cannot be deleted because it is currently in use.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**Filter Visibility**

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**SWC8558**

**Message**
No specified MAC addresses were deleted because they were not present in MAC Address Pool of Boot Identity profile operations.

**Detailed Description**
No specified MAC addresses were deleted because they were not present in MAC Address Pool.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

2024
**Message**

A new Virtual MAC Address Pool is created with `arg1` addresses from `arg2` for Boot Identity profile operations.

**Arguments**

`arg1` = address count, `arg2` = starting address

**Detailed Description**

A new Virtual MAC Address Pool is created with the number of addresses identified in the message starting from the MAC address identified in the message.

**Recommended Response Action**

No response action is required.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

---

**Message**

New Media Access Control (MAC) addresses are added to the Virtual MAC Address Pool for Boot Identity profile operations.

**Detailed Description**

New Media Access Control (MAC) addresses are added to the Virtual MAC Address Pool.

**Recommended Response Action**

No response action is required.
### SWC8561

**Message**
Some or all or the specified MAC addresses are removed from the Virtual MAC Address Pool of Boot Identity profile operations.

**Detailed Description**
Some or all or the specified MAC addresses are removed from the Virtual MAC Address Pool. Some MAC addresses could not be removed because they were not present.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

---

### SWC8562

**Message**
All of the specified MAC addresses are deactivated from the Virtual MAC Address Pool of Boot Identity profile operations.
Detailed Description:
All of the specified MAC addresses are deactivated from the Virtual MAC Address Pool.

Recommended Response Action:
No response action is required.

Category:
Configuration (SWC = Software Config)

Severity:
Severity 3 (Informational)

Redfish Event Type:
Alert

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**SWC8563**

Message:
Boot Identity profile arg1 is cleared from server in slot arg2.

Arguments:
arg1 = profile name, arg2 = server slot number

Detailed Description:
The Boot Identity profile identified in the message is cleared from the server identified in the message.

Recommended Response Action:
No response action is required.

Category:
Configuration (SWC = Software Config)

Severity:
Severity 3 (Informational)

Redfish Event Type:
Alert

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**SWC8564**

**Message**
Unable to clear the Boot Identity profile from the server in slot arg1 because there is no response from the server iDRAC.

**Arguments**
arg1 = server slot number

**Detailed Description**
The Boot Identity profile from the server identified in the message cannot be cleared because there is no response from the server iDRAC. A MAC Address conflict is possible if the server retains virtual MAC Address values and they are also allocated to another server.

**Recommended Response Action**
Make sure that the server is not used until the Persistence Policy settings are returned to default values and the Virtual MAC Address settings have been cleared. Persistence Policy settings can be reset to default values by resetting the server iDRAC to factory default settings. If the iDRAC cannot be reset to default values, contact your service provider before attempting to use the server.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SWC8565**

**Message**
The Boot Identity profile arg1 is created with arg2 templates.

**Arguments**
arg1 = profile name, arg2 = number

**Detailed Description**
The Boot Identity profile identified in the message is created with number of templates as identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SWC8600

Message: The selected profile was not applied to arg1.
Arguments: arg1 = server list
Detailed Description: The profile version must be compatible with the server generation and Lifecycle Controller firmware version.
Recommended Response Action: Make sure that profile versions are compatible with target servers when attempting application of profiles to servers.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SWC8601

Message: Quick Deploy Profile unable to apply profile arg1 to server arg2
Arguments: arg1 = profile name, arg2 = server number
Detailed Description: The source profile is not correct in form or content.
Recommended Response Action: Recreate source profile or choose a different one.
Category: Configuration (SWC = Software Config)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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### SWC8602

**Message**: Quick Deploy Profile for server \textit{arg1} was not successful.

**Arguments**: \textit{arg1} = server number

**Detailed Description**: The system is busy with other operations. The feature was unable to get mutex.

**Recommended Response Action**: Retry the operation. If the issue persists, make sure any other operations have completed and then retry the operation.

**Category**: Configuration (SWC = Software Config)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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### SWC8603

**Message**: Unable to apply profile to server \textit{arg1} using Quick Deploy feature, because the CSIOR feature on Server \textit{arg2} is disabled.
Arguments: \( \text{arg}1 = \text{slot number}, \text{arg}2 = \text{slot number} \)

Detailed Description: The selected profile cannot be applied to the server identified in the message, because the Collect System Inventory On Restart (CSIOR) feature on the server is disabled.

Recommended Response Action: Make sure that CSIOR on the server identified in the messages is enabled and retry the operation. For 11th generation servers, to enable CSIOR, restart the server, and select the Ctrl-E setup. Select System Services, and enable CSIOR. For 12th generation servers, to enable CSIOR using Lifecycle Controller GUI, restart the server, click <F2> when the company's logo is displayed. On the iDRAC Settings page, click Lifecycle Controller, and enable CSIOR.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SWC8604**

Message: Quick Deploy Profile: Server \( \text{arg}1 \) does not support configuration using profiles.

Arguments: \( \text{arg}1 = \text{server number} \)

Detailed Description: The target server identified in the message does not support server configuration using profiles.

Recommended Response Action: No response action is required.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
SWC8605

Message    Quick Deploy Profile: Server arg1 generation information is not recognized.
Arguments  arg1 = server number
Detailed Description  Information about the server identified in the message is not recognized.
Recommended Response Action  Restart the Chassis Management Controller (CMC) and retry the operation. The CMC can be restarted by using the Web UI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then select the Reset/Failover CMC button. If the issue persists, contact your service provider.
Category    Configuration (SWC = Software Config)
Severity    Severity 2 (Warning)
Redfish Event Type  Alert

Filter Visibility
IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing
iDRAC
CMC

SWC8606

Message    Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server arg1.
Arguments  arg1 = server number
Detailed Description  The server identified in the message never reported that remote services were ready.
Recommended Response Action  Make sure that the iDRAC on the server identified in the message is operating properly and that Lifecycle Controller is enabled, then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. The server can be virtually reseated by using the CMC Web UI interface and selecting.
Chassis Overview > Troubleshooting > Reset Components and then select Virtual Reseat from the drop down operation for the server identified in the message.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SWC8607**

**Message**  
Quick Deploy Profile: Starting to apply profile arg1 to server arg2.

**Arguments**  
arg1 = profile name, arg2 = server number

**Detailed Description**  
The Quick Deploy of Profile process has started for the server identified in the message.

**Recommended Response Action**  
No response action is required

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
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SWC8608

Message  Server Profiles: unable to access server: \texttt{arg1} for operation [ \texttt{arg2} ] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

Arguments  \texttt{arg1} = slot number, \texttt{arg2} = wsman operation

Detailed Description  The CMC was unable to perform the operation described in the message because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

Recommended Response Action  Make sure that iDRAC on the server identified in the message is operating and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. To perform a virtual reseat of the server, on CMC Web interface, select Chassis Overview -> Troubleshooting -> Reset Components. On the Reset Components page, select Virtual Reseat from the drop-down menu for the server identified in the message.

Category  Configuration (SWC = Software Config)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

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SWC8609

Message  Server Profiles: unknown response received from server: \texttt{arg1} for operation [ \texttt{arg2} ] because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

Arguments  \texttt{arg1} = slot number, \texttt{arg2} = wsman_operation

Detailed Description  The CMC was unable to perform the operation described in the message because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller of the server is disabled.

Recommended Response Action  Make sure that iDRAC on the server identified in the message is operating and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. To perform a virtual reseat of the server, on CMC Web interface, select Chassis Overview ->
Troubleshooting -> Reset Components. On the Reset Components page, select Virtual Reseat from the drop-down menu for the server identified in the message.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
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</table>

**SWC8610**

**Message**  
Job ID: arg1. CMC sent all settings of profile arg2 to Server (Service Tag: arg3) in Slot arg4.

**Arguments**  
arg1 = job ID, arg2 = profile name, arg3 = service tag, arg4 = slot number

**Detailed Description**  
All settings of the selected profile were sent to the server identified in the message and the operation is captured in the job identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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</table>
**SWC8611**

**Message**
Profile "arg1" and Server (Service Tag: arg2 in Slot arg3) are not compatible.

**Arguments**
arg1 = profile name, arg2 = service tag, arg3 = slot number

**Detailed Description**
CMC cannot perform the server profile application because the selected profile version and the server identified in the message are not compatible.

**Recommended Response Action**
Make sure to select the correct version of the profile and/or server, and then retry the operation.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SWC8612**

**Message**
Unable to fully extract boot device information from profile: arg1.

**Arguments**
arg1 = profile name

**Detailed Description**
The profile identified in the message does not contain boot device information in a usable format.

**Recommended Response Action**
Recreate the profile identified in the message or use a different profile.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SWC8613

**Message**
Unable to fully extract `arg1` boot list settings from the profile.

**Arguments**
`arg1` = boot list name

**Detailed Description**
The selected profile does not contain setting information for the boot list identified in the message in a usable format.

**Recommended Response Action**
Recreate the profile or use a different profile.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SWC8614

**Message**
Legacy profile setting: `arg1` is not recognized.

**Arguments**
`arg1` = attribute name

**Detailed Description**
The setting identified in the message is not recognized because the profile is not in a usable format or contains settings that are no longer supported.

**Recommended Response Action**
Recreate the profile or use a different profile.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**SWC8615**

**Message**
Profile is successfully generated.

**Detailed Description**
A profile was successfully generated from a server.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**Message**
Server in slot arg1 is not ready to be accessed remotely because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled.

**Arguments**
arg1 = slot number

**Detailed Description**
The server identified in the message cannot be accessed remotely by iDRAC because of one or more of the following reasons: 1) iDRAC is not ready. 2) Lifecycle Controller for of the server is disabled.
Recommended Response Action

Make sure that the iDRAC on the server identified in the message is operating properly and that Lifecycle Controller is enabled, and then retry the operation. If the issue persists, perform a virtual reseat of the server and retry the operation. The server can be virtually reseated by using the CMC Web GUI interface and selecting Chassis Overview > Troubleshooting > Reset Components and then selecting Virtual Reseat from the drop down menu.

Category

Configuration (SWC = Software Config)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

---

**SWC8617**

**Message**

Server Profiles: request *arg1* for server in slot *arg2* was unsuccessful. Returned fault: *arg3*.

**Arguments**

*arg1* = wsman method, *arg2* = slot number, *arg3* = wsman fault

**Detailed Description**

The request by the WS-Man method identified in the message for the server in slot identified slot is unsuccessful.

**Recommended Response Action**

Make sure that iDRAC is ready and system is functioning properly. Run the RACADM command "racadm getversion" to list all the servers and make sure the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until iDRAC is ready for use. A Virtual Reseat may be required.

Category

Configuration (SWC = Software Config)

Severity

Severity 1 (Critical)

Redfish Event Type

Alert

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SWC8618

Message

Arguments
arg1 = wsman method, arg2 = slot number, arg3 = message id, arg4 = wsman fault

Detailed Description
The request for the WS-Man method identified in the message for server in slot identified slot is unsuccessful.

Recommended Response Action
Make sure that iDRAC is ready and system is functioning correctly. Run the RACADM command at the command line interface (CLI), "racadm getversion" to list all the servers and make sure that the iDRAC version is displayed. If the iDRAC is listed as Not Ready then wait until it becomes ready. A Virtual Reseat may be required.

Category
Configuration (SWC = Software Config)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

SWC8619

Message
The Chassis Management Controller is unable to process data from the server in slot arg1.

Arguments
arg1 = slot id

Detailed Description
The Chassis Management Controller (CMC) is unable to process inventory data from the server in the slot identified in the message. This can happen if: 1) There is a communications issue between the CMC and the iDRAC on the server identified in the message. 2) Incorrect firmware is installed on network cards. 3) Incorrect firmware is installed on the server iDRAC. 4) There is no free temporary storage in the CMC.
**Recommended Response Action**
Do the following and retry the operation: 1) Make sure the latest firmware is installed on the network cards and iDRAC on the server identified in the message. 2) Reset the Chassis Management Controller. 3) Reset the server iDRAC. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SWC8620**

**Message**
The Chassis Management Controller is unable to communicate with the iDRAC in server slot `arg1`.

**Arguments**
`arg1` = slot id

**Detailed Description**
The Chassis Management Controller is unable to communicate with the iDRAC in server slot identified in the message.

**Recommended Response Action**
Reset the server iDRAC. If the issue persists, contact your service provider.

**Category**
Configuration (SWC = Software Config)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**SWC8621**

**Message**  
The Chassis Management Controller is unable to process inventory data from the server in slot *arg1*.

**Arguments**  
*arg1* = slot id

**Detailed Description**  
The Chassis Management Controller (CMC) is unable to process inventory data from the server slot identified in the message. This can happen if there is no free temporary storage in CMC.

**Recommended Response Action**  
Restart the Chassis Management Controller (CMC). To restart the CMC, start an SSH session to the CMC and enter the command "racadm racreset". Wait for the CMC to finish restarting and check if the inventory data is collected. If the issue persists, contact your service provider.

**Category**  
Configuration (SWC = Software Config)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SWC8622**

**Message**  
Quick Deploy Profile: Unable to access remote network share and apply assigned profile to the server in slot *arg1*.

**Arguments**  
*arg1* = slot number

**Detailed Description**  
The remote network share settings are accessible on the CMC web interface at Server Overview/Setup/Remote Network Share tab. These settings must be correct for the CMC to connect to the remote network share and perform the application of the profile as specified in the Quick Deploy tab on the Profiles page.

**Recommended Response Action**  
Make sure that the remote network share settings in the CMC are correct and that the remote share NFS/CIFS server is functioning correctly. Use the "Test Network" button in the CMC Web interface to make sure that the CMC can access the remote share.

**Category**  
Configuration (SWC = Software Config)
Message: Unable to save the I/O Aggregator configuration in arg1.

Arguments: arg1 = slot id

Detailed Description: The current configuration details of IOA in the slot identified in the message could not be saved to its startup configuration.

Recommended Response Action: Power-cycle the IOA and retry the operation.

Category: Configuration (SWC = Software Config)

Severity: Severity 2 (Warning)

Trap/EventID: 10530

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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CMC ✔          ✔*       ✔*       ✔*        ✔*       ✔*       ✔*       ✔*       ✔*     ✔*

Message: The network communication session between CMC and I/O Aggregator cannot be started on arg1.
**Arguments**

$arg_1$ = slot id

**Detailed Description**

The network communication session between CMC and I/O Aggregator (IOA) cannot be started because the IOA did not respond.

**Recommended Response Action**

Power-cycle the IOA and retry the operation.

**Category**

Configuration (SWC = Software Config)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

10529

**Redfish Event Type**

Alert

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SWC Event Messages

SWU001

Message: The expander or storage enclosure processor firmware is successfully updated.
Detailed Description: The expander or storage enclosure processor firmware is successfully updated.
Recommended Response Action: No response action is required.
Category: Storage (SWU = Software Change)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SWU002

Message: The backplane firmware update did not complete successfully.
Detailed Description: The expander or storage enclosure processor firmware update did not complete successfully.
Recommended Response Action: Check the Storage Enclosure Backplane type and the Firmware version and make sure they are appropriately matched, and then retry the operation. For more information, see the platform Owners Manual.
Category: Storage (SWU = Software Change)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SWU8500

Message: The arg1 request to Lifecycle Controller on server arg2 was not successful.
Arguments: arg1 = update/reinstall/rollback, arg2 = slot number
Detailed Description: This message is displayed when: 1. A reboot job is unable to provide a valid reboot ID. 2. The WSMAN command to set up a job queue on Lifecycle Controller was not successful.
**Recommended Response Action**
Retry the operation. If the error persists, contact your service provider.

**Category** Updates (SWU = Software Change)

**Severity** Severity 2 (Warning)

**Redfish Event Type** Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event** | **Proxy** |
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**Message**
The reinstall/rollback request to Lifecycle Controller on server `arg1` was not successful.

**Arguments**
`arg1` = slot number

**Detailed Description**
This message is displayed when: 1. A reboot job is unable to provide a valid reboot ID. 2. The WSMAN command to set up a job queue on Lifecycle Controller was not successful.

**Recommended Response Action**
Retry the operation. If the error persists, contact your service provider.

**Category** Updates (SWU = Software Change)

**Severity** Severity 2 (Warning)

**Redfish Event Type** Alert

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<thead>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>
SWU8502

Message  A arg1 request was submitted to the Lifecycle Controller on server arg2.

Arguments  arg1 = update/reinstall/rollback, arg2 = slot number

Detailed Description  The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

Recommended Response Action  No response action required.

Category  Updates (SWU = Software Change)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

SWU8503

Message  A reinstall/rollback request was submitted to the Lifecycle Controller on server arg1.

Arguments  arg1 = slot number

Detailed Description  The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

Recommended Response Action  No response action required.

Category  Updates (SWU = Software Change)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
### SWU8504

**Message**
Successfully scheduled the arg1 operation on the server arg2.

**Arguments**
arg1 = update/reinstall/rollback, arg2 = slot number

**Detailed Description**
The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

**Recommended Response Action**
No response action required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### SWU8505

**Message**
Successfully scheduled the reinstall/rollback operation on the server arg1.

**Arguments**
arg1 = slot number

**Detailed Description**
The specified Lifecycle Controller operation is successfully submitted and the operation will be executed on the basis of scheduling criteria.

**Recommended Response Action**
No response action required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SWU8506

**Message**  
Completed the Firmware update operation for CMC \textit{arg1}.

**Arguments**  
\textit{arg1} = slot number

**Detailed Description**  
Completed the Firmware update operation for the CMC identified in the message.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SWU = Software Change)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

### SWU8513

**Message**  
Successfully updated the IOM infrastructure firmware of slot \textit{arg1}.

**Arguments**  
\textit{arg1} = slot number

**Detailed Description**  
The firmware update operation of IOM infrastructure is successful.

**Recommended Response Action**  
No response action is required.
### SWU8514

**Message**
Unable to update the IOM infrastructure firmware of slot arg1. ErrorCode=0x\ arg2.

**Arguments**
- **arg1**: slot number
- **arg2**: error no

**Detailed Description**
The IOM infrastructure firmware update operation is not successful.

**Recommended Response Action**
Reacquire the Image file from the source folder, and then retry the operation.

### SWU8515

**Message**
Unable to update the IOM firmware. Update Initiation was not successful. ErrorCode=0x\ arg1.

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</table>
Arguments  
arg1 = error no

Detailed Description  
The IOM firmware update operation was not successful. Unable to initiate the Update process.

Recommended Response Action  
Retry the operation.

Category  
Updates (SWU = Software Change)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

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SWU8516

Message  
Unable to update the iDRAC firmware on the server in slot arg1. Transfer is not successful. ErrorCode=0x arg2.

Arguments  
arg1 = slot number, arg2 = error no

Detailed Description  
iDRAC firmware update operation was not successful. The firmware Image file could not be transferred.

Recommended Response Action  
Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

Category  
Updates (SWU = Software Change)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert

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</tbody>
</table>
Message: Unable to update the iDRAC firmware on the server in slot \texttt{arg1} . The Image file is not accessible. ErrorCode=0x \texttt{arg2} .

Arguments: \texttt{arg1} = slot number, \texttt{arg2} = error no

Recommended Response Action: Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

Message: The firmware update operation on the iDRAC on the server in slot \texttt{arg1} is stopped.

Arguments: \texttt{arg1} = slot number

Detailed Description: The server was pulled out from the chassis during the iDRAC firmware update operation.

Recommended Response Action: Reinsert the server and retry the operation. If the issue persists, contact your service provider.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

2052
The firmware update operation of the iDRAC on the server in slot arg1 is stopped.
The Image file is corrupted.

Arguments
arg1 = slot number

Recommended Response Action
Reacquire the Image file from the original source, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

The firmware update operation of the iDRAC on the server in slot arg1 is not successful.

Arguments
arg1 = slot number

Detailed Description
The firmware update operation of the iDRAC identified in the message is not successful.
Recommended Response Action
Reacquire the Image file from the original source, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔ | ✔* | | | | |
| CMC | ✔ | ✔* | ✔* |

**SWU8521**

Message
The firmware update operation of the iDRAC on the server in slot `arg1` was stopped. The selected Image file is not compatible with the server hardware.

Arguments
`arg1` = slot number

Detailed Description
The firmware update operation of iDRAC identified in the message was stopped. The selected Image file is not compatible with the server hardware.

Recommended Response Action
Make sure that the Image file is compatible with the server hardware, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

| iDRAC | ✔ | ✔* | | | | |
| CMC | ✔ | ✔* | ✔* |
**SWU8522**

**Message**  
Unable to update the iDRAC on the server in arg1 firmware: ErrorCode=0x arg2.

**Arguments**  
arg1 = slot number, arg2 = error no

**Detailed Description**  
The firmware update operation is not successful.

**Recommended Response Action**  
Reacquire the Image file from the original source, and then retry the operation.

**Category**  
Updates (SWU = Software Change)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SWU8523**

**Message**  
The firmware update operation of the iDRAC on the server in slot arg1 is successfully completed.

**Arguments**  
arg1 = slot number

**Detailed Description**  
The firmware update operation of the iDRAC identified in the message is successful.

**Recommended Response Action**  
No response action is required.

**Category**  
Updates (SWU = Software Change)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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SMU8524

Message
Unable to update the iDRAC on the server in slot arg1 firmware: ErrorCode=0x arg2.

Arguments
arg1 = slot number, arg2 = error number

Detailed Description
The firmware update operation is not successful. This may be due to a problem encountered by the firmware, or because a server was removed during the firmware update operation.

Recommended Response Action
Reacquire the Image file from the source folder, and then retry the operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SMU8525

Message
Unable to update the iDRAC firmware on the server in slot arg1. The firmware update timeout limit is exceeded.

Arguments
arg1 = slot number

Detailed Description
The firmware update operation is not successful. The update process was not completed within the firmware update timeout duration.

Recommended Response Action
Retry the operation. If the issue persists, contact your service provider.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)
### SWU8526

**Message**
The firmware update operation of the iDRAC on the server in slot `arg1` is initiated.

**Arguments**
`arg1 = slot number`

**Detailed Description**
The firmware update operation of iDRAC identified in the message is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SWU8527

**Message**
Successfully completed the iKVM firmware update.

**Detailed Description**
The iKVM firmware update operation is successful.

**Recommended Response Action**
No response action is required.
**SWU8528**

**Message**
Unable to update the iKVM firmware, because of a checksum error.

**Detailed Description**
The process of iKVM firmware update is not successful due to a checksum error of the firmware image.

**Recommended Response Action**
Reacquire the Image file from the source folder, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SWU8529**

**Message**
Unable to update the iKVM firmware, because the Image file was not transferred to the iKVM target.

**Detailed Description**
The iKVM firmware update operation was not successful, because the firmware Image file could not be transferred to the target.
Recommended Response Action: Make sure that the iKVM firmware Image file is available at the specified location, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SWU8530**

Message: Unable to update the iKVM firmware.

Detailed Description: The process for iKVM firmware update was not successful.

Recommended Response Action: Reacquire the Image file from the source location, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SWU8531**

Message: Unable to update the iKVM firmware. The firmware update timeout limit is exceeded.
Detailed Description: The firmware update operation is not successful, because the Update process was not completed within the firmware update timeout duration.

Recommended Response Action: Retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

### SWU8532

**Message**: Unable to update the LKVM firmware, because an invalid parameter is entered.

Error Code: **0x arg1**

**Arguments**: **arg1** = error no

**Detailed Description**: The LKVM firmware update operation is not successful, because an invalid parameter is entered.

**Recommended Response Action**: Retry the operation.

**Category**: Updates (SWU = Software Change)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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</table>
Message: Unable to update the LKVM firmware, because the target is not ready.

Arguments: $arg1 = error no$

Detailed Description: The LKVM firmware update operation is not successful, because the target is not ready.

Recommended Response Action: Wait for the target to become ready. This may take a few minutes. After the target is ready, then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

iDRAC
CMC

Message: Unable to update the iKVM firmware.

Detailed Description: The iKVM firmware update operation is not successful.

Recommended Response Action: Reacquire the Image file from the source location, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

iDRAC
CMC
Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0x arg1.

Arguments: arg1 = error no

Detailed Description: The LKVM firmware update operation was not successful, because the firmware Image file could not be transferred.

Recommended Response Action: Make sure that the iKVM firmware image file is available at the specified location, and then retry the operation.

Category: Updates (SWU = Software Change)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**Message**
Unable to update the LKVM firmware, because the IP address provided is invalid. 
ErrorCode=0x arg1.

**Arguments**
arg1 = error no

**Detailed Description**
The LKVM firmware update operation was not successful, because the IP address of the active CMC that is provided to the LKVM is invalid.

**Recommended Response Action**
Make sure the CMC IP address entered is valid, and then retry the Update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Recommended Response Action**
Alert

---

**Message**
Unable to update the iKVM firmware. Reason = 0x arg1.

**Arguments**
arg1 = error no

**Detailed Description**
The iKVM firmware update operation was not successful.
**Recommended Response Action**  Retry the Update operation. If the issue persists, reinsert the iKVM and retry the operation.

**Category**  Updates (SWU = Software Change)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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</table>

**Message**  Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x arg1.

**Arguments**  arg1 = error no

**Detailed Description**  The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response Action**  Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**  Updates (SWU = Software Change)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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**SWU8540**

**Message**  Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0x arg1.

**Arguments**  arg1 = error no

**Detailed Description**  The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response Action**  Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**  Updates (SWU = Software Change)

**Severity**  Severity 2 (Warning)

**Redfish Event Type**  Alert

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</table>
**SWU8541**

**Message**
Unable to update the PSU firmware, because the Image file is not accessible. 
ErrorCode=0x \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{error no} \)

**Detailed Description**
The PSU firmware update operation was not successful, because the firmware Image file could not be transferred.

**Recommended Response Action**
Make sure that the PSU firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SWU8542**

**Message**
Unable to update the Active CMC firmware. The Image file transfer process was not successful.

**Detailed Description**
The firmware update operation for the CMC was not successful. The Image file could not be transferred.

**Recommended Response Action**
Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**SWU8543**

**Message**
Unable to update the Active CMC firmware. The Image file was not accessible.

**Detailed Description**
The firmware update operation of CMC was not successful. The Image file was not accessible.

**Recommended Response Action**
Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**SWU8544**

**Message**
Unable to update the Standby CMC firmware because the Standby CMC could not be prepared for firmware update.

**Detailed Description**
The firmware update operation of the Standby CMC was not successful. The Standby CMC could not be prepared for firmware update.

**Recommended Response Action**
Retry the firmware update operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SWU8545

Message
Unable to update the Standby CMC firmware.

Detailed Description
The firmware update operation of the Standby CMC was not successful.

Recommended Response Action
Retry the update operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SWU8546

Message
Unable to update the Standby CMC firmware.

Detailed Description
The firmware update operation of the Standby CMC was not successful.

Recommended Response Action
Retry the update operation.

Category
Updates (SWU = Software Change)

Severity
Severity 2 (Warning)
Unable to update the Standby CMC firmware. The Image transfer process was not successful.

**Detailed Description**
The firmware update operation of Standby CMC was not successful. The firmware image could not be transferred.

**Recommended Response Action**
Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

---

Unable to update the Standby CMC firmware. The Image was not accessible.

**Detailed Description**
The firmware update operation of Standby CMC was not successful. The firmware image could not be accessed.

**Recommended Response Action**
Make sure that the CMC firmware image file is available at the location specified in the operation, and then retry the operation.
Category | Updates (SWU = Software Change)
Severity | Severity 2 (Warning)
Redfish Event Type | Alert

<table>
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**Message**
Unable to update the firmware of Standby CMC and Active CMC. The checksum process was not successful.

**Detailed Description**
The firmware update process of Active CMC and Standby CMC was not successful, because of a firmware image checksum error.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category** | Updates (SWU = Software Change)
**Severity** | Severity 2 (Warning)
**Redfish Event Type** | Alert

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</table>

**Message**
Unable to update the firmware of Standby CMC and Active CMC.

**Detailed Description**
The firmware update process of Active CMC and Standby CMC was not successful.
**SWU8551**

**Message**
Unable to update the firmware of Active CMC. The checksum process was not successful.

**Detailed Description**
The firmware update process of Active CMC was not successful, because of a firmware image checksum error.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

**Filter Visibility**

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</table>

**SWU8552**

**Message**
Unable to update the firmware of Active CMC.
### Detailed Description
The firmware update process of Active CMC was not successful.

### Recommended Response Action
Reacquire the Image file from the source location, and then retry the operation.

### Category
Updates (SWU = Software Change)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

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### SWU8553

**Message**
Unable to update the Active CMC firmware. The Image file was not accessible.

**Detailed Description**
The firmware update operation of Active CMC was not successful. The firmware Image file could not be accessed.

**Recommended Response Action**
Make sure that the CMC firmware Image file is available at the location specified in the operation, and then retry the operation.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### SWU8554

**Message**
Local CMC firmware update has been initiated.

**Detailed Description**
Local CMC firmware update process is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

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### SWU8555

**Message**
Active CMC and Standby CMC firmware updates have been initiated.

**Detailed Description**
Active and Standby CMC firmware update process is initiated.

**Recommended Response Action**
No response action is required.

**Category**
Updates (SWU = Software Change)

**Severity**
Severity 3 (Informational)

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2072
### SWU8556

**Message**
Unable to configure the sled network uplink on sled `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
The sled network uplink on the sled identified in the message could not be configured. The servers on the sled may not have expected network connectivity.

**Recommended Response Action**
Perform a Virtual Reseat operation, and then retry the operation. To virtually reseat a server:
1. Using the CMC Web UI, go to Chassis Overview > Troubleshooting > Reset Components, and then select slot for the component identified in the message and apply the Virtual Reseat or
2. Run the following RACADM command at the command line interface: `racadm serveraction -f -m sled-<slot number> reseat`.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 1 (Critical)

### SWU8557

**Message**
Invalid firmware: The uploaded firmware image does not contain a verification signature.

**Detailed Description**
Invalid firmware: The uploaded firmware image does not contain a verification signature.

**Recommended Response Action**
Use a valid firmware image and retry the operation.

**Category**
Audit (SWU = Software Change)

**Severity**
Severity 2 (Warning)
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<td><strong>Detailed Description</strong></td>
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<tr>
<td><strong>Recommended Response Action</strong></td>
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<tr>
<td><strong>Category</strong></td>
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<tr>
<td><strong>Severity</strong></td>
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</table>
Unable to downgrade the firmware version because the current hardware configuration does not support rollback to the earlier firmware version.

The firmware version selected for rollback does not support the current chassis hardware configuration.

Make sure that firmware version selected for rollback is supported for the current hardware configuration, such as I/O modules, PSU modules, and servers. For example, a newer generation PSU may not work with an earlier iDRAC or CMC firmware. For more information, see the platform Owners Manual or CMC or iDRAC Release Notes for details.

Updates (SWU = Software Change)

Severity 2 (Warning)

Unable to update the I/O Aggregator (IOA) firmware because of an issue in the network communication session between CMC and IOA in slot arg1.
**Arguments**  
$arg_1$ = slot ID

**Detailed Description**  
The IOA firmware cannot be updated because of an issue in the network communication session between CMC and IOA.

**Recommended Response Action**  
Power-cycle the IOA and if the firmware version is unchanged, retry the firmware update operation.

**Category**  
Updates (SWU = Software Change)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
6314

**Redfish Event Type**  
Alert

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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>
SYS Event Messages

SYS001

Message: The operation was successful.
Detailed Description: The operation requested successfully completed.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS002

Message: Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action: Retry the action. If the issue persists, reset iDRAC.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS003

Arguments: arg1 = parameter names
Detailed Description: One or more required parameters needed for the operation are missing.
Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation and retry the operation with the required parameters.
SYS004

Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation and retry the operation with a valid value for the identified parameter.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS005

Message: AttributeName array and AttributeValue array element count mismatch.
Detailed Description: The AttributeName input array and AttributeValue input array do not have the same number of elements.
Recommended Response Action: Verify AttributeName and AttributeValue pairs match and are valid. Refer to the Lifecycle Controller Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS006

Message: Unable to set read only attribute: arg1
Arguments: arg1 = attribute name
Detailed Description: The attribute being set is currently read-only and cannot be changed.
<table>
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*No alerts are applicable for this message*

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*No alerts are applicable for this message*

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<tr>
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<tr>
<td><strong>Arguments</strong></td>
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</tbody>
</table>
SYS010

Message	Invalid character in value for attribute: arg1
Arguments	arg1 = attribute name
Detailed Description	The input value for the specified attribute is not valid.
Recommended Response Action	Refer to Lifecycle Controller-Remote Services documentation and provide valid attribute value for the specified attribute.
Category	Configuration (SYS = System Info)
Severity	Severity 2 (Warning)
Redfish Event Type	Alert

No alerts are applicable for this message

SYS011

Message	Pending configuration values are already committed, unable to perform another set operation.
Detailed Description	A configuration job is scheduled to apply pending set attribute operations. Set operations are not allowed if there is an existing configuration job for a component.
Recommended Response Action	Wait for the scheduled job to complete or delete the configuration jobs before attempting more set attribute operations.
Category	Configuration (SYS = System Info)
Severity	Severity 2 (Warning)
Redfish Event Type	Alert

No alerts are applicable for this message
SYS012

Message: User privileges are not sufficient to perform operation.
Detailed Description: The user credentials provided do not have appropriate privileges to perform the operation requested.
Recommended Response Action: Retry operation using user credentials that have appropriate privileges to perform the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS013

Message: Invalid attribute name: \texttt{arg1}.
Arguments: \texttt{arg1 = attribute name}
Detailed Description: The attribute name provided for the requested operation does not exist on the target system or is invalid.
Recommended Response Action: For more information, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS014

Message: Invalid value for attribute: \texttt{arg1}
Arguments: \texttt{arg1 = attribute name}
Detailed Description: The value provided for the identified attribute is invalid.
Recommended Response Action: For more information, refer to the Lifecycle Controller-Remote Services documentation and provide a valid value for the identified attribute.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
SYS015

Message: Job created successfully.
Detailed Description: The requested job has been created.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS016

Message: Job completed with errors
Detailed Description: All the operations in the Job were attempted, but some did not complete successfully.
Recommended Response Action: Review the Job content and verify the values are correct. For more information, see Lifecycle Controller Remote Services documentation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS017

Message: Job did not complete successfully.
Detailed Description: The job did not complete successfully.
Recommended Response Action: Verify the reason for the unsuccessful completion of the job by inspecting the Lifecycle Log entries related to the job. Correct the underlying cause of the unsuccessful completion and retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
SYS018

Message  Job completed successfully.
Detailed Description  The submitted job completed successfully.
Recommended Response Action  No response action is required.
Category  Configuration (SYS = System Info)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SYS019

Message  Required dependency input not found.
Detailed Description  The input is missing a required dependency necessary for the operation.
Recommended Response Action  Provide the required dependency and retry. For more information, see Lifecycle Controller Remote Services documentation.
Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SYS020

Message  Invalid required Attribute value.
Detailed Description  The value provided for the required attribute is invalid.
Recommended Response Action  The value specified is not valid. Refer to the Lifecycle Controller Remote Services documentation for more information.
Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
**SYS021**

*Message*: Unable to set the value for `arg1`  
*Arguments*: `arg1 = attribute name`  
*Detailed Description*: The operation did not complete successfully because of incorrect parameters or internal firmware issues.  
*Recommended Response Action*: Retry the operation. If the issue persists, do one of the following: 1) verify the value being set is correct, 2) reset the iDRAC.  
*Category*: Configuration (SYS = System Info)  
*Severity*: Severity 2 (Warning)  
*Redfish Event Type*: Alert  

*No alerts are applicable for this message*

**SYS022**

*Message*: Resource allocation failure.  
*Detailed Description*: The operation could not complete because of an internal resource allocation issue with the firmware.  
*Recommended Response Action*: Reset the iDRAC and retry the operation.  
*Category*: Configuration (SYS = System Info)  
*Severity*: Severity 1 (Critical)  
*Redfish Event Type*: Alert  

*No alerts are applicable for this message*

**SYS023**

*Message*: No configuration changes pending.  
*Detailed Description*: There are no pending values to change.  
*Recommended Response Action*: Ensure there are pending values for the attributes that need to be set and retry the operation.  
*Category*: Configuration (SYS = System Info)  
*Severity*: Severity 2 (Warning)  
*Redfish Event Type*: Alert  

*No alerts are applicable for this message*
SYS024

Message  Unable to complete the operation because attribute dependency checking did not complete successfully.

Detailed Description  Unable to complete the operation because attribute dependency checking did not complete successfully. This attribute is dependent on a related attribute that has an incorrect value. The related attribute is the parent in a parent-child value dependency relationship and has an affect on what values the child attribute can have.

Recommended Response Action  Make sure the dependency related attribute has the correct value and retry the operation. For more information on attribute dependency, Refer to the Dell Lifecycle Controller Remote Services Quick Start Guide and Profile Documents available at the support site.

Category  Configuration (SYS = System Info)

Severity  Severity 2 (Warning)

Redfish Event Type  Alert

No alerts are applicable for this message

SYS025

Message  Unable to delete pending configuration.

Detailed Description  There are no pending configurations to be deleted.

Recommended Response Action  No response action is required.

Category  Configuration (SYS = System Info)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

SYS029

Message  Unsupported parameter name arg1.

Arguments  arg1 = parameter name

Detailed Description  The parameter name is not supported.

Recommended Response Action  Remove the unsupported parameter and retry the operation.
SYS030

Message  Collecting component configuration information.
Detailed Description  Collecting the data required for component configuration.
Recommended Response Action  No response action is required.
Category  Configuration (SYS = System Info)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

SYS031

Message  Updating component configuration.
Detailed Description  The configuration is being applied to a component.
Recommended Response Action  No response action is required.
Category  Configuration (SYS = System Info)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert
SYS032

Message: Staged component configuration is complete.
Detailed Description: The staged component configuration update performed in the UEFI environment on the host system is complete.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS033

Message: Staged component configuration completed with errors.
Detailed Description: The staged component configuration update performed in the UEFI environment on the host system has completed, but there were errors.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
SYS034

Message
Performing component configuration for: arg1
Arguments
arg1 = device name
Detailed Description
The configuration operation for the specified device is in progress.
Recommended Response Action
No response action is required.
Category
Configuration (SYS = System Info)
Severity
Severity 3 (Informational)
Redfish Event Type
Alert

SYS035

Message
Some configuration values were not applied to: arg1
Arguments
arg1 = device name
Detailed Description
The component configuration operation was completed, however some of the configuration values were not successfully applied.
**Recommended Response Action**
Retrieve and view configuration operation results in the Lifecycle Log. For more information to retrieve the configuration results see the Lifecycle Controller Remote Services Users Guide. Identify the unsuccessful configuration operations. Modify the input data as appropriate for the component and retry the configuration operation.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SYS036**

**Message**  
Unable to apply the configuration to the component.

**Detailed Description**  
The configuration settings could not be applied to the component. This may indicate configuration changes since the last system inventory collection was completed.

**Recommended Response Action**  
Retry the operation or try the attribute set operation for the component.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**LC Log**  
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**OS Log**  
**Power Off**  
**Power Cycle**  
**Reset**  
**Chassis Event Proxy**

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SYS037

Message  Component update initialization failure.
Detailed Description  Operation validation is unsuccessful. The command, target and operation data are all validated before an update is performed. If any of them are missing or incorrect the operation does not complete successfully.
Recommended Response Action  Enable the Collect System Inventory on Restart attribute using Lifecycle Controller and restart the system. Retry the operation after the system restarts.
Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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SYS038

Message  Missing or corrupt configuration information.
Detailed Description  Unable to locate the configuration data associated with the job.
Recommended Response Action  Retry the operation. If this issue persists, contact your service provider.
Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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SYS039

Message
Verification of requested configuration changes failed.

Detailed Description
The requested configuration changes have not passed the component specific verification checks, and therefore the changes will not be applied.

Recommended Response Action
Check the scripts or related documentation and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS040

Message
The firmware update operation did not complete successfully.

Detailed Description
An operation to update the firmware of a component did not complete successfully.

Recommended Response Action
Check the Lifecycle Log for more details about the unsuccessful operation. Resolve the issue and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
SYS041

Message   Unable to apply some component configuration values.
Detailed Description   The configuration update is complete, however all of the values were not correctly applied.
Recommended Response Action   Check the Lifecycle Log for the values that were not set. Resolve the issues in the XML configuration input file and retry the operation. Alternatively, configure each of the attributes using the component service methods. For more information, see the Lifecycle Controller Users Guide.
Category   Configuration (SYS = System Info)
Severity   Severity 2 (Warning)
Redfish Event Type   Alert

SYS042

Message   Component configuration successfully completed.
Detailed Description   The requested component configuration successfully completed.
Recommended Response Action   No response action is required.
Category   Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter
Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC

SYS043

Message: Successfully exported system configuration XML file.
Detailed Description: The current configuration of the system components (BIOS, RAID, NIC, iDRAC, and so on) was written to a system configuration XML file and successfully copied to the specified location.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter
Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC
CMC

SYS044

Message: Unable to export one or more component configurations.
Detailed Description: Unable to collect the configuration information for one or more components. An internal error occurred while processing component information.
Recommended Response Action
Enable Collect System Inventory On Restart (CSIOR) using Lifecycle Controller and restart the system. Make sure that inventory collection is complete before retrying the operation. For more information, see the Lifecycle Controller Users Guide.

Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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SYS045

Message  Unable to copy the system configuration XML file to the network share.
Detailed Description  An error occurred while copying the system configuration XML file to the network share.
Recommended Response Action  If the file is being exported to an NFS share, make sure that it is accessible from iDRAC. If the file is being exported to a CIFS share, make sure that it is accessible from iDRAC using share access credentials with the appropriate privileges.
Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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**SYS046**

**Message**
Unable to import the system configuration XML file from the network share.

**Detailed Description**
An error occurred while copying the system configuration XML file from the network share.

**Recommended Response Action**
If the file is being copied from an NFS share, make sure that it is accessible from iDRAC. If the file is being copied from a CIFS share, make sure that it is accessible from iDRAC using the share credentials provided. Test the network share access using the Test Network Connection method. For more information, see the Lifecycle Controller Users Guide.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS047**

**Message**
Input file for system configuration XML is not compliant with configuration schema.

**Detailed Description**
The input file is not compliant with the system configuration XML schema.

**Recommended Response Action**
Make sure that the input file is compliant with the system configuration schema published on delltechcenter.com/lc in the LC XML Schema Guide.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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2095
SYS048

Message: System configuration XML input file contains invalid characters, arg1 at line arg2.

Arguments: arg1 = character, arg2 = line

Detailed Description: The operation expected a valid XML that is compliant with the system configuration schema. However, the system configuration file does not contain valid XML content.

Recommended Response Action: View the file in any Web browser to check for invalid characters. Remove the invalid characters and make sure that the file is a valid XML and is compliant with the system configuration schema published on delltechcenter.com/lc in the LC XML Schema Guide.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS050

Message: The system configuration XML file for import configuration is not compliant with schema nesting checks.

Detailed Description: The system configuration XML file for the import configuration operation is not compliant with schema nesting checks. Only RAID controllers can have nested Component nodes up to a maximum nesting depth of three.

Recommended Response Action: Make sure that the system configuration XML file is compliant with the system configuration schema published on delltechcenter.com/lc in the LC XML Schema Guide. Only RAID controllers can have nested Component nodes.

Category: Configuration (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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SYS051

Message The system could not be shut down within the specified time.
Detailed Description Sometimes, the operating system on the server may not allow a graceful shutdown or may not complete within the specified graceful shutdown timeout. This error indicates that the system could not be shutdown within the time specified. The default timeout value is 5 minutes and the maximum value allowed is 1 hour.
Recommended Response Action Retry the operation with a longer specified graceful shutdown timeout or with the system shutdown option.
Category Configuration (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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SYS052

Message Analyzing iDRAC, System, or Lifecycle Controller configuration for changes to be applied.
Detailed Description: Configuration changes that do not require a system restart are currently being applied.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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SYS053

Message: Successfully imported and applied system configuration XML file.

Detailed Description: Configuration changes specified in the system configuration XML file were successfully applied.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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2098
SYS054

Message: No configuration changes requiring a system restart need to be applied.

Detailed Description: The current configuration for components that require staged configuration already match the configuration specified by the input file. A system restart to apply staged configuration is not required.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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SYS055

Message: Import of system configuration XML file operation completed with errors.

Detailed Description: The configuration specified in the system configuration XML file was applied, but there were some errors. The Lifecycle Controller Log contains the details of the component configurations that did not complete successfully.

Recommended Response Action: Review the Lifecycle Controller Log and identify the configuration changes that did not complete successfully. Retry those changes in a separate operation.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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## SYS056

**Message**
Waiting for the system to shut down.

**Detailed Description**
Waiting for the system to shut down before applying configuration changes.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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## SYS057

**Message**
Exporting System Configuration Profile XML file.

**Detailed Description**
The current system configuration is being collected and the System Configuration Profile XML file is being generated.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
### SYS058

**Message**
Applying configuration changes.

**Detailed Description**
Running Lifecycle Controller Automated Task Execution application in Unified Extensible Firmware Interface (UEFI) environment to apply configuration changes.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

### SYS059

**Message**
Component configuration successfully changed.

**Detailed Description**
Configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) were successfully applied.

**Recommended Response Action**
No response action is required. See Lifecycle Log for details.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)
### SYS060

**Message**
Component configuration completed with errors.

**Detailed Description**
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully applied.

**Recommended Response Action**
Export the Lifecycle Log and identify the configuration changes that did not complete or retrieve the configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**SYS061**

**Message**
Unable to complete component configuration.

**Detailed Description**
Some configuration changes for the component identified by the Fully Qualified Device Descriptor (FQDD) in the configuration job results were not successfully applied.
**Recommended Response Action**
Export the Lifecycle Log and identify the configuration changes that did not complete or retrieve the configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**SYS062**

**Message**
Input file for import configuration operation is invalid. The expected XML root element was not found.

**Detailed Description**
The input file for the import configuration operation does not contain a valid XML root element.

**Recommended Response Action**
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the XML file is compliant to the system configuration schema before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS063

**Message**
Input file for import configuration operation is invalid. The expected root element was not closed.

**Detailed Description**
The input file for the import configuration operation does not contain a closed root element.

**Recommended Response Action**
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the XML file is compliant to the system configuration schema before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS064

**Message**
Input file for import configuration operation is invalid at line arg1.

**Arguments**
arg1 = line

**Detailed Description**
The input file for the import configuration operation contains invalid XML data at the line specified.

**Recommended Response Action**
Open the input file in any Web browser to check for invalid content before the expected root element. Correct the invalid content and make sure that the XML file is compliant to the system configuration schema before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SYS065

Message
Input file for import configuration operation cannot be found or opened.

Detailed Description
An internal error occurred opening the input configuration XML file. An iDRAC reset is required.

Recommended Response Action
Reset iDRAC and retry the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SYS066

Message
No changes detected for iDRAC, System, or Lifecycle Controller configuration.

Detailed Description
No iDRAC, System, or Lifecycle Controller configuration changes were applied. The settings specified in the system configuration XML input file match the current configuration for these components.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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SYS067

**Message**
Unable to complete application of configuration XML file values.

**Detailed Description**
Some or all configuration actions during the import of configuration XML operation did not complete successfully. The configuration action details are logged into the Lifecycle Log.

**Recommended Response Action**
Export the Lifecycle Log and identify the configuration changes that did not successfully complete. Resolve any issues with the configuration XML content and retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS068

**Message**
Configuration changes that require system reboot were not applied.

**Detailed Description**
Some configuration changes that require system reboot were not applied because the values specified in the input XML file are incorrect.

**Recommended Response Action**
Use the GetConfigResults() method to get the configuration job results or export the Lifecycle Log and review the configuration job results to identify the errors. Make changes to the input XML to correct the errors. Retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS069

Message: No changes were applied since the current component configuration matched the requested configuration.

Detailed Description: The settings specified in the system configuration XML file match the current configuration for all components.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS070

Message: Configuration changes that require system reboot were not applied.

Detailed Description: The configuration changes that require system reboot into the UEFI environment on the system did not complete for all components.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Message: System configuration XML export operation timed-out.

Detailed Description: The export of system configuration XML did not complete because the operation took too long.

Recommended Response Action: Make sure the Collect System Inventory On Restart (CSIOR) Lifecycle Controller setting is enabled and reboot the system. Retry the operation after CSIOR has completed. If the problem persists, reset iDRAC by pressing the System ID button for at least 15 seconds and retry the operation after iDRAC has fully restarted.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Message: System configuration XML import operation timed-out.

Detailed Description: The import of system configuration XML did not complete as the operation took too long.
Recommended Response Action: Delete all jobs, reset iDRAC by pressing the System ID button for at least 15 seconds, and retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SYS073**

Message: Unable to apply changes that require system reboot because the Lifecycle Controller State setting is disabled in the configuration XML.

Detailed Description: The import of system configuration XML file operation completed with errors because the Lifecycle Controller State was disabled in the input XML. Configuration changes requiring a system reboot were not applied.

Recommended Response Action: Enable the Lifecycle Controller State setting and retry the operation.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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2109
SYS074
Message: Unable to apply configuration changes because another configuration job is in progress.
Detailed Description: Unable to apply configuration changes because another configuration job is in progress.
Recommended Response Action: Wait until the current configuration job is complete and retry the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS075
Message: Unable to perform the import operation because the specified file does not exist on the remote share.
Detailed Description: Unable to perform the import operation because the specified file does not exist on the remote share.
Recommended Response Action: Make sure the import configuration file exists on the remote share before retrying the operation.
Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS076
Message: Invalid or unsupported component specified in the input configuration XML file.
Detailed Description: The configuration XML file contains a component node that is not supported.
Recommended Response Action: Make sure the input configuration XML file only specifies supported component. Check the import operation job configuration results for the unsupported XML node.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
SYS077

Message
Unable to perform the preview operation because the specified file does not exist on the remote share.

Detailed Description
Unable to perform the preview operation because the specified system configuration XML file does not exist on the remote share.

Recommended Response Action
Make sure the configuration XML file to be previewed exists on the remote share before retrying the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS078

Message
Unable to retrieve the system configuration XML file from the network share for preview.

Detailed Description
Unable to retrieve the system configuration XML file from the network share for the requested preview operation. This may be due to issues with network accessibility.

Recommended Response Action
If the configuration XML file is on an NFS share, make sure that the network share is accessible from iDRAC. If the configuration XML file is on a CIFS share, make sure that the network share is accessible from iDRAC using the share credentials specified. Test the network share access using the Test Network Connection method. For more information, see the Lifecycle Controller Users Guide.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS079

Message
The Preview operation indicates the input file for system configuration XML is not compliant with the configuration XML schema.

Detailed Description
The Preview operation indicates the input file for system configuration XML is not compliant with the configuration XML schema.

Recommended Response Action
Make sure that the input file is compliant with the system configuration XML schema published on www.delltechcenter.com/lc.

No alerts are applicable for this message
SYS080

Message
Preview of system configuration XML file import operation indicated that no configuration changes will be successful.

Detailed Description
Preview of system configuration XML file import operation indicates that no changes will be applied successfully. This is likely due to a mismatch between the actual target system components and component FQDDs specified in the configuration XML file.

Recommended Response Action
Make sure that the input file is compliant with the system configuration schema published on www.delltechcenter.com/lc and contains valid FQDDs that represent actual components in the target system.

SYS081

Message
Successfully previewed system configuration XML file import operation.

Recommended Response Action
No response action is required.

SYS082

Message
Completed the preview of system configuration XML file import operation. Some changes specified in the configuration XML will not be successfully applied in an import operation.
The request to preview the system configuration XML file import operation completed. Some changes specified in the configuration XML file will not be successfully applied in an import configuration XML file operation.

Identify the configuration changes that cannot be completed successfully by 1) Export the Lifecycle Log review the configuration results in the entries for the preview job or 2) Retrieve the preview operation configuration results using the GetConfigResults() method. Retry those changes that did not complete in a separate import operation.

Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed.

Unable to export ePSA Diagnostics results because iDRAC internal storage could not be accessed.

Do the following: 1) Delete all jobs, 2) Reset iDRAC by pressing the System ID button for at least 15 seconds, and 3) Retry the operation.

Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed.

Export of ePSA Diagnostics results did not complete successfully because the iDRAC internal storage containing the results could not be accessed.

Do the following: 1) Delete all jobs, 2) Reset iDRAC by pressing the System ID button for at least 15 seconds, and 3) Retry the operation.
### SYS085

**Message**
Successfully exported the ePSA Diagnostics results.

**Detailed Description**
Successfully exported ePSA Diagnostics results.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS086

**Message**
Unable to copy the ePSA Diagnostics results file to the network share.

**Detailed Description**
Unable to copy the ePSA Diagnostics results file to the specified network share.

**Recommended Response Action**
If the results are being exported to an NFS share, make sure that the network share is accessible from iDRAC. If the results are being exported to a CIFS share, make sure that the network share is accessible from iDRAC using the specified share access credentials.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

### SYS087

**Message**
A system reboot will occur when the previewed configuration XML file is imported to the system.

**Detailed Description**
When the configuration XML file specified in the Preview operation is imported to the system, a system reboot will occur to apply the configuration changes.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SYS088

Message  
Estimated time for applying configuration changes is arg1 seconds.

Arguments  
arg1 = configuration time

Detailed Description  
Applying the changes defined in the configuration XML file will take approximately the estimated time identified in the message.

Recommended Response Action  
No response action is required.

Category  
Configuration (SYS = System Info)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

SYS089

Message  
Preview of system configuration XML file is complete.

Detailed Description  
The Preview operation of system configuration XML file is complete.

Recommended Response Action  
No response action is required.

Category  
Configuration (SYS = System Info)

Severity  
Severity 3 (Informational)

Redfish Event Type  
Alert

SYS090

Message  
The configuration XML input file contains unsupported DOCTYPE tags.

Detailed Description  
The configuration XML input file contains XML DOCTYPE tags which may contain injection security threats. The XML DOCTYPE tag is not supported in configuration XML files.

Recommended Response Action  
Check the input XML file for DOCTYPE XML tags and remove them before retrying the operation.

Category  
Configuration (SYS = System Info)

Severity  
Severity 2 (Warning)

Redfish Event Type  
Alert
SYS091

Message: Unable to complete the operation because the method is not supported.
Detailed Description: Unable to complete the operation because the method is not supported.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS092

Message: The iDRAC is collecting information about the server for a Tech Support Report.
Detailed Description: The iDRAC is collecting information about the server for a Tech Support Report.
Recommended Response Action: No response action is required.
Category: System Health (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS093

Message: The iDRAC is exporting the Tech Support Report.
Detailed Description: The iDRAC is exporting the Tech Support Report to the specified destination.
Recommended Response Action: No response action is required.
Category: System Health (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
SYS094

Message  The iDRAC is unable to start the Tech Support Report job, because a report collection job is already running on the server.
Detailed Description  The Tech Support Report collection job could not be started, because a report collection job is already running on the server.
Recommended Response Action  Wait until the current Tech Support Report operation is complete and then retry the operation.
Category  System Health (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SYS095

Message  Unable to unmount an iDRAC internal storage partition.
Detailed Description  Unable to unmount an iDRAC internal storage partition.
Recommended Response Action  Retry the operation. If the issues persists, reset the iDRAC by pressing the System ID button for at least 15 seconds, and then retry the operation after the iDRAC has finished restarting.
Category  System Health (SYS = System Info)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

No alerts are applicable for this message

SYS096

Message  Unable to complete the diagnostics operation because the required Dell Diagnostics firmware package is not installed.
Detailed Description  The required Dell Diagnostics firmware package is not installed or cannot be found in the iDRAC internal storage.
Recommended Response Action  Install the Dell 64bit uEFI Diagnostics firmware package, and then retry the operation. The Dell Diagnostics can be installed using the Dell 64bit uEFI Diagnostics Dell Update Package (DUP).
Category  System Health (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert
SYS097

Message: The state of Lifecycle Controller is disabled by the configuration XML import operation.

Detailed Description: The Lifecycle Controller State has been set to disabled by the configuration XML import operation. Further changes to the system configuration require the Lifecycle Controller State to be enabled before the changes are processed.

Recommended Response Action: If further configuration changes are required for the system, the Lifecycle Controller State must be enabled prior to attempting the configuration change. To enable the Lifecycle Controller State, run the racadm command "racadm set LifecycleController.LCAttributes.LifecycleControllerState Enabled".

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS098

Message: A Remote Diagnostic (ePSA) job already exists.

Detailed Description: A Remote Diagnostic (ePSA) job already exists and only one job of this type can exist at a time.

Recommended Response Action: A response action is not required if the scheduled start time of the existing Remote Diagnostic (ePSA) job is ok. Else, delete the existing Diagnostics (ePSA) job and recreate another with an appropriate start time.

Category: System Health (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS099

Message: Unable to export the diagnostics results because the results do not exist.

Detailed Description: The diagnostics results could not be exported because either the diagnostics tests were never run on the system or the results could not be found on the internal storage of the iDRAC.

Recommended Response Action: Run the RunEPSADiagnostics method to make sure that the diagnostics results are available, and then retry the operation.
SYS100

Message
Unable to find an FQDD equivalent for the token arg1
Arguments
arg1 = token name
Detailed Description
A FQDD equivalent for the token name identified in the message cannot be found.
Recommended Response Action
Make sure that only valid FQDDs are entered as input to the Target parameter, and then retry the operation.

SYS1000

Message
System is turning on.
Detailed Description
System is turning on.
Recommended Response Action
No response action is required.

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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SYS1001

Message System is turning off.
Detailed Description System is turning off.
Recommended Response Action No response action is required.
Category Audit (SYS = System Info)
Severity Severity 3 (Informational)
Trap/EventID 8579
Redfish Event Type Alert

SYS1002

Message System is performing a power cycle.
Detailed Description System is performing a power cycle.
Recommended Response Action No response action is required.
Category Audit (SYS = System Info)
Severity Severity 3 (Informational)
Trap/EventID 8579
Redfish Event Type Alert
### SYS1003

**Message**
System CPU Resetting.

**Detailed Description**
System is performing a CPU reset because of system power off, power on or a warm reset like CTRL-ALT-DEL.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8579

**Redfish Event Type**
Alert

---

### SYS101

**Message**
The Server Administrator Data Manager service has started.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)
Severity: Severity 3 (Informational)
OMSA Event ID: 5008
Redfish Event Type: Alert

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**SYS102**

**Message**: Server Administrator Data Manager service has stopped.
**Detailed Description**: The Server Administrator Data Manager service has stopped.
**Recommended Response Action**: Restart the Server Administrator Data Manager service.
**Category**: Audit (SYS = System Info)
**Severity**: Severity 3 (Informational)
**OMSA Event ID**: 5009
**Redfish Event Type**: Alert

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**SYS103**

**Message**: Administrator has started.
Detailed Description
The Server Administrator has started.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5001

OMSA Trap ID
5001

Redfish Event Type
Alert

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SYS104

Message
Server Administrator is starting.

Detailed Description
The Server Administrator is starting.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5000

Redfish Event Type
Alert

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SYS105

**Message**
Unable to process the event: `arg1` Date and time of event: `arg2`.

**Arguments**
`arg1` = event, `arg2` = date time

**Detailed Description**
The current software version is unable to process this event because of an internal error.

**Recommended Response Action**
Contact your service provider.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5014

**OMSA Trap ID**
5014

**Redfish Event Type**
Alert

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SYS106

**Message**
An unknown system control action was initiated by the user.

**Detailed Description**
An unknown system control action was initiated by the user.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007
SYS107

Message: A system reboot was initiated by the user.

Detailed Description: The user initiated a system reboot.

Recommended Response Action: No response action is required.

Category: Audit (SYS = System Info)

Severity: Severity 3 (Informational)

OMSA Event ID: 5007

OMSA Trap ID: 5007

Redfish Event Type: Alert

---

SYS108

Message: A system power off was initiated by the user.

Detailed Description: The user has initiated a system power off action.
SYS109

**Message**
A system power cycle was initiated by the user.

**Detailed Description**
The user has initiated a system power cycle action.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

**Redfish Event Type**
Alert

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**Chassis Event Proxy**

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SYS110

Message
The actions Shutdown OS First and Reboot System were initiated by the user.

Detailed Description
The actions will shut down the operating system and then reboot the system.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5007

OMSA Trap ID
5007

Redfish Event Type
Alert

   Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  Remote System Log  WS Eventing  Redfish Eventing

| iDRAC       | ✔️ | ✔️ | ✔️ | ✔️ | ✔️ |
| CMC         | ✔️ | ✔️ |

   LC Log  LCD  OS Log  Power Off  Power Cycle  Reset  Chassis Event Proxy

| iDRAC | ✔️ | ✔️ |
| CMC   | ✔️ |

SYS111

Message
The actions Shutdown OS First and Power Off System were initiated by the user.

Detailed Description
The actions will shut down the operating system and then the system.

Recommended Response Action
No response action is required.

Category
Audit (SYS = System Info)

Severity
Severity 3 (Informational)

OMSA Event ID
5007

OMSA Trap ID
5007

Redfish Event Type
Alert
SYS112

**Message**
The actions Shutdown OS First and Power Cycle System were initiated by the user.

**Detailed Description**
The actions will shut down the operating system and then power cycle the system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5007

**OMSA Trap ID**
5007

**Redfish Event Type**
Alert

---

SYS113

**Message**
An invalid action was requested by the user.

**Detailed Description**
An invalid action was requested by the user.

**Recommended Response Action**
No response action is required.
SYS114

Message

Arguments
arg1 = interface, arg2 = BMC, arg3 = SDR, arg4 = SEL

Detailed Description
IPMI is supported for identified interface, Baseboard Management Controller (BMC), Sensor Data Records (SDR), and System Event Log (SEL).

Recommended Response Action
If any status is not present, power cycle the system, and apply the latest firmware update packages for Lifecycle Controller and iDRAC.

Category System Health (SYS = System Info)
Severity Severity 3 (Informational)
OMSA Event ID 5012
Redfish Event Type Alert
SYS115

**Message**
The power cord sensor is non-functional.

**Detailed Description**
The power cord sensor becomes non-functional because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) The power cord sensor in the power supply unit has failed. However, the power supply unit may still function. 3) There is an input power failure.

**Recommended Response Action**
Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Replace the power supply unit that has the failed power cord sensor, with a new power supply unit. 3) Make sure that the input power supply is restored.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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SYS116

**Message**
Unable to determine the status of the power cord.

**Detailed Description**
The status of the power cord cannot be determined because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) The power cord sensor in the power supply unit has failed. However, the power supply unit may still function. 3) There is an input power failure.

**Recommended Response Action**
Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Replace the power supply unit that has the failed power cord sensor, with a new power supply unit. 3) Make sure that the input power supply is restored.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS117

Message: The input power supply is restored.

Detailed Description: The input power supply is restored to the system.

Recommended Response Action: No response action is required.

Category: System Health (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS118

Message: The input power supply is not available.

Detailed Description: The input power supply is not available because of one of the following reasons: 1) The power cable may not be connected properly or disconnected. 2) There is an input power failure.

Recommended Response Action: Do of the following to resolve the issue: 1) Reconnect the power cord to the power supply unit. 2) Make sure that the input power supply is restored.

Category: System Health (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

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**SYS119**

**Message**  Unable to expose the OS Collector to the server OS.
**Detailed Description**  The OS collector cannot be exposed to the host server because of communication issues between the iDRAC and server OS.
**Recommended Response Action**  Do the following: 1) Retry the operation. 2) If the issue persists, restart the iDRAC and server OS.
**Category**  System Health (SYS = System Info)
**Severity**  Severity 2 (Warning)
**Redfish Event Type**  Alert

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**SYS120**

**Message**  Unable to complete the operation because the OS Collector is taking too much time. The operation is cancelled.
**Detailed Description**  The OS Collector application did not complete its task within the maximum allowed time and the operation is cancelled. This may be because the server OS is
not supported by the OS Collector application and the application is unable to function correctly.

**Recommended Response Action**

Do the following: 1) Make sure that the OS Collector application supports the OS installed on the server. If the OS is not supported, the OS Collector may not function correctly. 2) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SYS121**

**Message**  
The operation to collect OS and Application Data was cancelled using iDRAC Web UI.

**Detailed Description**  
The operation to collect OS and Application Data was cancelled using iDRAC Web UI.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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### SYS122

**Message**
OS Collector: The operation to collect OS and Application Data is successfully completed.

**Detailed Description**
The operation to collect OS and Application Data is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### SYS123

**Message**
OS Collector: An unexpected issue has been encountered.

**Detailed Description**
An unexpected issue has occurred. This could be because the application encountered an unexpected exception or was terminated by a user. This issue could also be because the application was running in an unsupported OS.

**Recommended Response Action**
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the OS Collector on the iDRAC to the most recent version available, and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
SYS124

Message: OS Collector: The OS Collector application does not support execution in the OS installed on the server.

Detailed Description: The OS and Application data collection by the OS Collector application is unable to execute on the OS installed on the server because the OS is not supported.

Recommended Response Action: No response action is required.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

SYS125

Message: OS Collector: Unable to communicate with WMI services.

Detailed Description: The OS Collector application is unable to communicate with the WMI service. This may be because the user context the application is running in does not have appropriate access privileges or firewall/security settings are preventing retrieving registry and software data from WMI.

Recommended Response Action: Do the following: 1) Make sure the user context the OS Collector application is running in has the appropriate privileges to access WMI. Make sure that firewall or security settings are set to allow access and retry the operation. 2) If the issue
persists, restart the WMI service and retry the operation. 3) If the issue continues to persists, restart the server OS and retry the operation.

Category System Health (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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SYS126

Message OS Collector: Unable to collect Application Data.
Detailed Description Application data source was not found. An issue occurred while collecting Application Data because of an unknown exception.
Recommended Response Action Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.
Category System Health (SYS = System Info)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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SYS127

Message OS Collector: Unable to collect OS log data
Detailed Description
OS log data was not collected. An issue occurred while collecting OS log data because of an unknown exception.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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SYS128

Message
OS Collector: Unable to generate a zip archive of the OS and Application Data report.

Detailed Description
Unable to generate a zip archive of the OS and Application Data report.

Recommended Response Action
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
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SYS129

Message: OS Collector: Unable to complete XML transform on the data collected.

Detailed Description: Unable to complete XML transform on the data collected because the collected data is in an unexpected format.

Recommended Response Action: Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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SYS130

Message: OS Collector: Unable to create filename for zip archive.

Detailed Description: Unable to create the final zip archive name because the Service Tag and time stamp could not be retrieved from OS interfaces.

Recommended Response Action: Do the following: 1) On Windows, restart the WMI service and retry the operation, 2) Restart the OS and retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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**SYS131**

**Message**  
OS Collector: Unable to communicate with the OS IPMI service.

**Detailed Description**  
Unable to communicate with the OS IPMI service because the service is not running.

**Recommended Response Action**  
For more information about checking whether the IPMI service is running, see the iDRAC8 Users Guide.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**SYS132**

**Message**  
OS Collector: Unable to communicate with OS Collector IPMI library.

**Detailed Description**  
An issue occurred while loading the OS Collector IPMI library. This may be because the OS collector binary images are not valid and need to be re-installed.

**Recommended Response Action**  
Do the following: 1) Retry the operation. 2) If the issue persists, reinstall the latest OS Collector on the iDRAC, and then retry the operation.

**Category**  
System Health (SYS = System Info)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert
SYS133

Message: OS Collector: IPMI session error.
Detailed Description: An issue was encountered while creating an IPMI session.
Recommended Response Action: Restart the WMI service and retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS134

Message: OS Collector: Zip archive size exceeded the limit.
Detailed Description: The report size is more than the 30MB allowed size which will cause a truncated, partial report to be generated.
Recommended Response Action: Remove older log entries so that the final zip archive size can be reduced.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
SYS135

**Message**
OS Collector: The user context the OS Collector is being run in does not have the necessary privileges for running the application successfully.

**Detailed Description**
The user context the OS Collector is being run in does not have the necessary privileges for running the application successfully.

**Recommended Response Action**
Run the OS Collector application as administrator or as a user added to admin group or domain administrator or Local administrator.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

SYS136

**Message**
An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system.

**Detailed Description**
An issue was encountered while communicating with iDRAC Service Module (iSM) present on the operating system.

2141
**Recommended Response Action**

Do the following: 1) Restart the iDRAC Module Service on the OS and retry the operation. 2) Stop iDRAC Service Module Service on the OS and try manually executing the OS Collector application.

**Category**

System Health (SYS = System Info)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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**SYS137**

**Message**

Unable to start the collection of OS and Application Data because the Lifecycle Controller is not enabled.

**Detailed Description**

Unable to start the collection of OS and Application Data because the Lifecycle Controller is not enabled.

**Recommended Response Action**

Enable the Lifecycle Controller by pressing F2 during server startup and select iDRAC Settings > Lifecycle Controller and then enable the Lifecycle Controller. Retry the operation after the server has restarted.

**Category**

System Health (SYS = System Info)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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SYS138

Message
Unable to start the collection of OS and Application Data because the server is turned off.

Detailed Description
Unable to start the collection of OS and Application Data because the server OS is turned off.

Recommended Response Action
Turn on the server and wait until the OS finishes booting, and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

SYS139

Message
Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup.

Detailed Description
Unable to start the collection of OS and Application Data because the server is in POST and has not finished startup.

Recommended Response Action
Retry the operation after the server has finished starting and POST has completed.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)
### SYS140

**Message**
Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS.

**Detailed Description**
Unable to start the collection of OS and Application Data because the iDRAC Service Module (iSM) is not running in the server OS.

**Recommended Response Action**
Enable and start the iDRAC Service Module (iSM) from within the server OS and then retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

### SYS141

**Message**
Lifecycle Controller data is deleted.

**Detailed Description**
The Lifecycle Controller data is deleted because of a System Erase operation.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SYS142

Message
The OS driver pack is deleted.

Detailed Description
The OS driver pack is deleted because of a System Erase operation.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS143

Message
ePSA Diagnostics are deleted.

Detailed Description
ePSA Diagnostics are deleted because of a System Erase operation.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)
SYS144

Message
Starting controller hardware cache data erase operations.

Detailed Description
Starting controller hardware cache data erase operations because of a System Erase operation request.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

SYS145

Message
vFlash SD Card data is deleted.

Detailed Description
vFlash SD Card data is deleted because of a System Erase operation.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)
SYS146

Message  Starting secure erase-capable drive erase operations.
Detailed Description  Starting secure erase-capable drive erase operations because of a System Erase operation request.
Recommended Response Action  No response action is required.
Category  Configuration (SYS = System Info)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

SYS147

Message  Starting non-secure erase-capable drive erase operations.
Detailed Description  Starting non-secure erase-capable drives erase operations because of a System Erase operation request.
Recommended Response Action  No response action is required.
SYS148

Message  
BIOS is configured to reset to defaults on next system restart.

Detailed Description  
The BIOS is configured to reset to defaults on the next system restart because of a System Erase operation.

Recommended Response Action  
No response action is required.

SYS149

Message  
The process of resetting iDRAC to default settings is initiated.

Detailed Description  
Initiating iDRAC reset to defaults operation because of a System Erase operation. The iDRAC will restart after firmware default values are restored.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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SYS150

Message: Starting System Erase operation. Job ID: arg1
Arguments: arg1 = job ID
Detailed Description: A System Erase job with the job ID identified in the message is initiated.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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SYS151

**Message**
Completed System Erase Job ID: *arg1*

**Arguments**
*arg1* = job ID

**Detailed Description**
A System Erase job with the job ID identified in the message is completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC** ✔

**CMC**

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**LC Log**
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**iDRAC** ✔

**CMC**

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SYS152

**Message**
Erase operations for some System Erase tasks did not complete successfully.

**Detailed Description**
Some of the requested storage component erase tasks were not successful. Retrying the System Erase operation may be required. The vFlash SD Card must be initialized and licensed to be erased successfully.

**Recommended Response Action**
Retry the System Erase operation. To retry the System Erase operation using the Lifecycle Controller utility, restart the server and when the company logo is displayed, press <F10>. Select Hardware Configuration > Retire or Repurpose System, check appropriate storage options, and then retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**iDRAC**

**CMC**

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2150
SYS153

**Message**
Deleting hardware cache data for controller: `arg1`.

**Arguments**
`arg1` = device name

**Detailed Description**
The non-volatile cache of the controller identified in the message is being erased.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

SYS154

**Message**
Initiating secure erase operation on secure erase-capable drives for controller: `arg1`.

**Arguments**
`arg1` = device name

**Detailed Description**
Initiating secure erase operation on secure erase-capable drives for the controller identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
SYS155

Message: Initiating clear operation on non-secure erase-capable drives for controller: \texttt{arg1}.

Arguments: \texttt{arg1} = device name

Detailed Description: Initiating clear operation on non-secure erase-capable drives for the controller identified in the message.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS156

Message: Erase operations for System Erase tasks successfully completed.

Detailed Description: The requested component erase tasks of the System Erase operation is successfully completed.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)
SYS157

Message: Unable to successfully complete requested System Erase tasks.

Detailed Description: Unable to successfully complete requested options of the System Erase operation. Retrying the System Erase operation may be required.

Recommended Response Action: Retry the System Erase operation. To retry the System Erase operation using the Lifecycle Controller utility, restart the server and when the company logo is displayed, press <F10>. Select Hardware Configuration > Retire or Repurpose System, check appropriate options, and then retry the operation. Also disable “F1/F2 Prompt on Error” in BIOS settings for System Erase operation to continue without intervention.

Category: Configuration (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
Unable to erase hardware caches during the System Erase operation.

Retry the System Erase operation with only the hardware cache erase option selected.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

vFlash SD Card erase unsuccessful.

The vFlash SD Card erase operation was unsuccessful. This may be because the SD card is not enable, not licensed or not initialized.

Make sure the vFlash SD Card is enabled, licensed and initialized, and then retry the System Erase operation with only the vFlash option selected.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
SYS160

**Message**
The Lifecycle Controller logs are cleared.

**Detailed Description**
The Lifecycle Controller log data deleted as part of a System Erase operation. All previously stored information is no longer available.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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*** Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---

| iDRAC | ✔

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SYS161

**Message**
Tech Support Report related non-volatile storage deleted.

**Detailed Description**
The Tech Support Report related data have been deleted from iDRAC non-volatile storage.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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*** Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---

| iDRAC | ✔

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CMC
SYS162

Message: Turning on the server to perform System Erase tasks.

Detailed Description: The server will be turned on to enter UEFI System Services Manager (SSM). The storage-related erase operations selected, if any, will be processed by SSM.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

SYS163

Message: The iDRAC is restarting to complete the System Erase operation. Do not restart server until the iDRAC restarts.

Detailed Description: The iDRAC environment has changed and the iDRAC must be restarted to apply the changes requested. Normal operation will return after the restart has completed. One exception is, the iDRAC has been reset to its default settings. In this case additional setup is required to use the iDRAC. For more information, see the iDRAC Users Guide.

Recommended Response Action: No response action is required.

Category: Configuration (SYS = System Info)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SYS164

**Message**
Access to Lifecycle Controller internal storage was not acquired.

**Detailed Description**
The System Erase operation attempted to access Lifecycle Controller internal storage that is already being accessed by another function. Exclusive access to the internal storage is required for the System Erase operation. The System Erase operation attempts Lifecycle Controller internal storage access for 10 minutes. After the timeout the current job completes with an unsuccessful status.

**Recommended Response Action**
Check the server and make sure that it is not in BIOS POST startup processing or stopped in the POST phase of startup. The server can also be stopped during POST because the <F2> is pressed or Option ROM setup utilities are being used. After the BIOS startup has completed, retry the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

SYS165

**Message**
One or more Tech Support Report data collection options selected did not complete successfully.

**Detailed Description**
One or more Tech Support Report data collection options selected did not complete successfully.
SYS166

Message: The collection of OS and Application Data did not start within the allocated time.

Detailed Description: The collection of OS and Application Data did not start within the allocated time.

Recommended Response Action: Do one of the following: 1) Retry the operation. 2) Make sure the OS does not have any firewall setting to block USB device enumeration, and then retry the operation. 3) Make sure the OS is not configured to attach USB devices as read-only, and then retry the operation. 4) Make sure the OS is supported by the OS Collector application. 5) Reinstall the latest OS Collector on the iDRAC, and then retry the operation. 6) For more information about the collection of OS and application data, see the iDRAC8 Users Guide.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

SYS167

Message: TTY Log data export did not complete within the allocated time.

Detailed Description: The TTY Log data export did not complete within the allocated time. Currently the maximum allocated time is 20 minutes.

Recommended Response Action: Reset the iDRAC and retry the operation.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.

SYS168

Message: Unable to complete the System Erase job because another operation is in progress.
The requested System Erase job cannot complete because there was another job or System Services task already in progress.

Recommended Response Action: Wait for the job or System Services task in progress to complete before initiating a System Erase job.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS169

Message: The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report feature.

Detailed Description: The iDRAC Service Module installed on the operating system is not up to date and does not support the Technical Support Report.

Recommended Response Action: Make sure the operating system (OS) is a supported OS for the Technical Support Report feature and the latest iDRAC Service Module software is installed on the OS.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

SYS170

Message: The SHA256 Hash value and the clear text value for an iDRAC user password cannot be entered together.

Detailed Description: The SHA256 Hash value and the clear text value for an iDRAC user password cannot be used at the same time for a password configuration operation.

Recommended Response Action: Make sure that the user password is configured using either the clear text or the SHA256 Hash, but not both.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
**SYS171**

**Message**
Unable to successfully complete the import operation because not all hash password values have been entered.

**Detailed Description**
The import operation cannot be completed successfully because the SHA1v3Key and the MD5V3Key values must both be supplied.

**Recommended Response Action**
The SHA1v3Key and the MD5V3Key values must be entered together for an import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SYS172**

**Message**
A Remote Diagnostic operation has been interrupted.

**Detailed Description**
A Remote Diagnostic operation has been interrupted because the server was restarted during the operation.

**Recommended Response Action**
Make sure that there are no diagnostic operations in progress before restarting the server or wait for the Remote Diagnostic operation to complete.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**SYS173**

**Message**
Unable to retrieve the TTY Log because another operation is in progress on the RAID controller.

**Detailed Description**
The TTY Log cannot be retrieved because another operation is in progress on the RAID controller.

**Recommended Response Action**
Do the following: 1) View the job queue and make sure all jobs are in a completed state. 2) Retry the operation.

**Category**
System Health (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*
SYS174

Message  Unable to access network share for exporting Tech Support Report (TSR).
Detailed Description  The Tech Support Report (TSR) cannot be exported because of an issue while connecting to the network share using the provided credentials or other network share parameters.
Recommended Response Action  Make sure the entered sharetype, sharename, IP address, username and password are valid and retry the operation. The network share connectivity can be tested by using the Test Network Connection feature of the iDRAC.
Category  System Health (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SYS175

Message  Unable to find a device configuration for the FQDD entered.
Detailed Description  Selective Export / Import could not find any matches for the FQDDs specified.
Recommended Response Action  Make sure that only valid FQDDs are entered as input to the Target parameter, and then retry the operation
Category  Configuration (SYS = System Info)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

SYS177

Message  There was an issue retrieving Hardware data.
Detailed Description  There was an issue retrieving Hardware data from the iDRAC internal storage. This may be because Collect System Inventory on Restart (CSIOR) feature is disabled and has never executed or the iDRAC Remote Services API status may not be in the Ready state.
Recommended Response Action  Make sure the Collect System Inventory on Restart (CSIOR) is enabled and has run at least once before retrying this operation. For remote web services API access, make sure the GetRemoteServicesAPIStatus method returns Ready status before trying this operation. If the issue persists, reset iDRAC and retry the operation.
Category  System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS178

Message: Unable to retrieve TTY log data because no storage controllers are detected in the server.
Detailed Description: Unable to retrieve TTY log data because no storage controllers are detected in the server.
Recommended Response Action: Make sure that at least one storage controller is present in the server, and then retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS179

Message: Unable to export TTY log data because the storage controller present in the server does not support the feature.
Detailed Description: Unable to export TTY log data because the storage controller present in the server does not support the feature.
Recommended Response Action: Make sure that at least one storage controller is present in the server that supports the TTY log feature, and then retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

SYS180

Message: There was an issue encountered when attempted to export TTY Log data for the storage controller arg1.
Arguments: arg1 = controller name
Detailed Description: The TTY log data of the storage controller identified in the message cannot be exported because an issue was encountered while communicating with the controller.
Recommended Response Action
While exporting the TTY log, make sure that the server is not in BIOS POST, and then retry the operation. Use GetRemoteServicesAPIStatus() invoke method and check for output parameter RTStatus and ensure it shows 0 (ready status) and then retry the operation. If the issue persists, reset iDRAC, and retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS181

Message
Unable to collect OS and Application Data because the OS Collector is not installed on the iDRAC.

Detailed Description
The collect OS and Application Data operation cannot be completed because the OS Collector is not installed on the iDRAC.

Recommended Response Action
Install OS Collector on the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS182

Message
Unable to collect OS and Application Data because another Lifecycle Controller operation is currently in progress.

Detailed Description
Collecting OS and Application Data cannot be completed because Lifecycle Controller is used by another operation.

Recommended Response Action
Make sure all other Lifecycle Controller operations are finished and retry the operation. Using the iDRAC Web UI, select Server > Job Queue, check the job
queue for unfinished jobs and wait for the jobs to finish before retrying the operation. Also, check whether there are update packages being executed in the server OS and wait for these operations to finish before retrying the operation. For remote web services API access, make sure that the GetRemoteServicesAPIStatus method returns Ready status, and then retry the operation.

Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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SYS183

Message: Unable to allocate memory because of insufficient storage space in iDRAC.
Detailed Description: The memory cannot be allocated because of insufficient storage space in iDRAC.
Recommended Response Action: Reset iDRAC and then retry the operation.
Category: System Health (SYS = System Info)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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iDRAC ✔
CMC
SYS184

Message: Unable to compute the checksum because OS Collector files are not readable.

Detailed Description: The checksum cannot be computed because OS Collector files are not readable.

Recommended Response Action: Reinstall the OS Collector in the iDRAC and retry the operation. To install the OS Collector using the iDRAC Web UI, get the latest OC Collector update package and then select the Update and Rollback link from the iDRAC Web UI home page and upload the install package. If the issue persists, contact your service provider.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

iDRAC ✔

CMC

LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

iDRAC ✔

CMC

SYS185

Message: The Tech Support Report job has been cancelled.

Detailed Description: The Tech Support Report job that was running has been cancelled by user request.

Recommended Response Action: To start another Tech Support Report job, wait until the current job that is being cancelled completes and then retry the operation.

Category: System Health (SYS = System Info)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

SYS186

Message: Unable to start the collection of TTY log data because the server is turned off.
SYS187

Message
Unable to start the collection of TTY log data because the server is in POST and has not finished startup.

Detailed Description
Unable to start the collection of TTY log data because the server is in POST and has not finished startup.

Recommended Response Action
Retry the operation after the server has finished starting and POST has completed.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS188

Message
Unable to perform the import operation because the specified file has a file size of zero, which is not valid.

Detailed Description
Unable to perform the import operation because the specified file has a file size of zero, which is not valid.

Recommended Response Action
Make sure the import configuration file is valid before retrying the operation.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS189

Message
Cached OS and Application Data is not available in the iDRAC.
Detailed Description
There is no cached copy of OS and Application data in the iDRAC flash storage.

Recommended Response Action
Collect the OS and Application Data either manually or automatically using the iDRAC Services Module (ISM) tools and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS190

Message
Unable to collect the operating system (OS)-related data because the iDRAC Service Module (ISM) installed on the server does not support this feature on the version of Operating System installed.

Detailed Description
The OS-related data cannot be collected because the iDRAC Service Module (ISM) installed on the server does not support this feature on the version of Operating System installed.

Recommended Response Action
Install a iDRAC Service Module (ISM) supported OS, and then retry the operation.

Category
System Health (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS191

Message
The System Configuration Profile XML file import operation is started.

Detailed Description
The provided System Configuration Profile XML file is being applied to the system. The host may reboot to apply all changes.

Recommended Response Action
No response action is required. Use the GetConfigResults() method to get the configuration job results or export the Lifecycle Log to review the configuration job results.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
SYS192

**Message**
The System Configuration Profile XML file preview operation is started.

**Detailed Description**
The provided System Configuration Profile XML file is being previewed on the system. No configuration changes will be applied.

**Recommended Response Action**
No response action is required. Use the GetConfigResults() method to get the preview job results or export the Lifecycle Log to review the preview job results.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

SYS193

**Message**
A configuration change is detected for component: arg1.

**Arguments**
arg1 = component identifier

**Detailed Description**
A configuration change is detected in the component identified in the message.

**Recommended Response Action**
No response action is required.

**Category**
Audit (SYS = System Info)
SYS194

Message: The Collection of System Inventory successfully completed.
Detailed Description: The Collection of System Inventory successfully completed by Lifecycle Controller firmware.
Recommended Response Action: No response action is required.
Category: Audit (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS195

Message: The OEM ID module is successfully installed.
Detailed Description: The OEM ID Module installation process completed with no errors.
Recommended Response Action: No response action is required.
Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

SYS196

Message: The OEM ID module is installed but with some errors. \texttt{arg1}
Arguments: \texttt{arg1} = Error Code
Detailed Description: The OEM ID module installation process tried to apply all settings and branding information, but had issues during installation.
Recommended Response Action: Check the Lifecycle Log report to analyze the issue. Review settings and branding information that the ID module configured, resolve the issue, and then retry the installation process.
Category: Configuration (SYS = System Info)
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No alerts are applicable for this message

SYS197

Message
Unable to install the OEM ID module because of some issues. \texttt{arg1}

Arguments
\texttt{arg1} = Error Code

Detailed Description
The OEM ID module cannot be installed because of some issues.

Recommended Response Action
Check the Lifecycle Log report to analyze the issue, resolve the issue, and then retry the installation process.

Category
Configuration (SYS = System Info)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

SYS198

Message
Unable to communicate with internal iDRAC memory.

Detailed Description
An internal iDRAC memory component is unresponsive.

Recommended Response Action
The iDRAC requires an AC power cycle. Do the following: 1) Determine a time that the AC power can be removed and then reapplied to the server. 2) Save data and perform an AC power cycle.

Category
System Health (SYS = System Info)

Severity
Severity 1 (Critical)

Trap/EventID
2433

Redfish Event Type
Alert

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2170
**SYS199**

**Message**
The state of Lifecycle Controller is successfully changed to "disabled", but other attributes specified in the System Configuration Profile (SCP) xml file are not changed.

**Detailed Description**
The state of Lifecycle Controller is successfully changed to "disabled", but other attributes are not set. When the LifecycleControllerState attribute is set to disabled in the SCP xml file, other attributes settings in the SCP xml file are not applied.

**Recommended Response Action**
The Lifecycle Controller state must be "enabled" before performing the import SCP operation and the LifecycleControllerState attribute should not be set to disabled in the SCP xml file while attempting to configure other attribute settings. To set LifecycleControllerState attribute to enabled using the RACADM command line utility, type "racadm set lifecyclecontroller.LCAttributes.LifecycleControllerState Enabled".

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**SYS8500**

**Message**
Delay Auto-throttle sent to arg1 server(s). arg2 arg3

**Arguments**
arg1 = number of servers, arg2 = error string, arg3 = errors

**Detailed Description**
The Chassis Management Controller (CMC) sent messages to delay power throttling to all capable servers in the chassis. This was done because the CMC firmware was updated or a failover was initiated. If specific server errors are shown in the message, verify that the iDRAC and Lifecycle Controller firmware versions on those servers is updated to the most current version available.

**Recommended Response Action**
If no errors are shown, no response is required. If errors are listed in the message, navigate to the named servers and make sure that IDRAC and Lifecycle Controller firmware versions are the latest available.

**Category**
Audit (SYS = System Info)
Severity 3 (Informational)

Redfish Event Type  Alert

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**SYS8501**

**Message**  
The current configuration of Chassis Management Controller (CMC) components is written to a chassis configuration XML file, and then copied to the specified location.

**Detailed Description**  
The current configuration of Chassis Management Controller (CMC) components is written to a chassis configuration XML file, and then copied to the specified location.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (SYS = System Info)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**SYS8502**

**Message**  
Unable to export the chassis configuration XML file to network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.
The system configuration XML file cannot be exported to network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

1) If the file is being exported to an NFS, make sure that NFS is accessible from CMC. 2) If the file is being exported to a CIFS share, make sure that CIFS is accessible from CMC by using share access credentials with appropriate privileges.

Category: Configuration (SYS = System Info)
Severity: Severity 2 (Warning)

SYS8503

The current chassis configuration is being collected and the chassis configuration XML file is being generated.

Category: Configuration (SYS = System Info)
Severity: Severity 3 (Informational)

Redfish Event Type: Alert
SYS8504

Message
Unable to import the chassis configuration XML file from network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

Detailed Description
The chassis configuration XML file cannot be imported from network shares such as Network File System (NFS) or Common Internet File System (CIFS) because they are not accessible.

Recommended Response Action
1) If the file is being copied from an NFS share, make sure that it is accessible from CMC. 2) If the file is being copied from a CIFS share, make sure that it is accessible from CMC using the share credentials provided. Test the network share access by using the Test Network Connection method.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

SYS8505

Message
Unable to import the chassis configuration operation because the input file for chassis configuration XML is not compliant with configuration schema.

Detailed Description
The chassis configuration import operation cannot be completed because the input file is not compliant with the chassis configuration XML schema.

Recommended Response Action
Make sure that the input file is compliant with the chassis configuration schema. For more information, see the Chassis cloning, backup, and restore with Configuration profiles white paper available on Dell TechCenter website.

Category
Configuration (SYS = System Info)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
### SYS8506

**Message**
Configuration changes specified in the chassis configuration XML file are successfully applied.

**Detailed Description**
Configuration changes specified in the chassis configuration XML file are successfully applied. The Chassis Log contains information about the component configurations that did not complete successfully.

**Recommended Response Action**
Review the Chassis Log and identify the configuration changes that did not complete successfully. Retry those changes in a separate operation.

### SYS8507

**Message**
The chassis configuration XML file is imported but with some configuration changes that did not complete successfully.

**Detailed Description**
The chassis configuration XML file is imported but with some configuration changes that did not complete successfully. The Chassis Log contains information about the component configurations that did not complete successfully.

**Recommended Response Action**
Review the Chassis Log and identify the configuration changes that did not complete successfully. Retry those changes in a separate operation.
**SYS8508**

**Message**
Unable to successfully apply the chassis configuration XML file values.

**Detailed Description**
Some or all configuration actions during the import of configuration XML operation did not complete successfully. The configuration action details are logged in to the Chassis Log.

**Recommended Response Action**
See the Chassis Log and identify the configuration changes that did not successfully complete. Resolve any issues with the configuration XML content and retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
### SYS8509

**Message**
Unable to import the chassis configuration XML file from network shares such as Network File System (NFS) or Common Internet File System (CIFS) because the file does not exist on the network share.

**Detailed Description**
The chassis configuration XML file cannot be imported because the file does not exist on the specified network share.

**Recommended Response Action**
Make sure that the chassis configuration file exists on the CIFS or NFS, and then retry the import operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>

### SYS8510

**Message**
The chassis configuration XML input file contains unsupported DOCTYPE tags that may cause security issues.

**Detailed Description**
The chassis configuration XML input file contains unsupported DOCTYPE tags that may cause security issues. The XML DOCTYPE tag is not supported in chassis configuration XML files.

**Recommended Response Action**
Check the input XML file for DOCTYPE XML tags and delete them before retrying the operation.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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SYS8511

Message
The requested changes were not applied because the current component configuration is same as the requested ones.

Detailed Description
The settings specified in the chassis configuration XML file match the current configuration for all components.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

SYS8512

Message
The chassis configuration XML properties are currently being applied to CMC.

Detailed Description
The chassis configuration XML properties are currently being applied to CMC.

Recommended Response Action
No response action is required.

Category
Configuration (SYS = System Info)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
### SYS8513

**Message**
The requested changes are not applied because the Service Tag of the Chassis Management Controller (CMC) does not match with the specified chassis configuration XML file.

**Detailed Description**
The requested changes are not applied because the Service Tag of the Chassis Management Controller (CMC) does not match with the specified chassis configuration XML file.

**Recommended Response Action**
Make sure the chassis configuration XML file selected for the operation has the same Service Tag value as the CMC the changes are being applied to.

**Category**
Configuration (SYS = System Info)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### Details

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2179
TMP Event Messages

TMP0100

Message: The system board arg1 temperature is less than the lower warning threshold.
Arguments: arg1 = name
Detailed Description: Ambient air temperature is too cool.
Recommended Response Action: Check system operating environment.
Category: System Health (TMP = Temperature)
Severity: Severity 2 (Warning)
Trap/EventID: 2162
Redfish Event Type: Alert

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TMP0101

Message: The system board arg1 temperature is less than the lower critical threshold.
Arguments: arg1 = name
Detailed Description: Ambient air temperature is too cool.
Recommended Response Action: Check system operating environment.
Category: System Health (TMP = Temperature)
Severity: Severity 1 (Critical)
Trap/EventID 2161

LCD Message System board temperature is outside of range. Check Fans

Redfish Event Type Alert

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TMP0102

Message The system board arg1 temperature is greater than the upper warning threshold.
Arguments $arg1$ = name
Detailed Description Ambient air temperature is too warm or one or more fans may have failed.
Recommended Response Action Check system operating environment and review event log for fan failures.
Category System Health (TMP = Temperature)
Severity Severity 2 (Warning)
Trap/EventID 2162
Redfish Event Type Alert

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TMP0103

Message The system board arg1 temperature is greater than the upper critical threshold.
Arguments $arg1 = \text{name}$

Detailed Description Ambient air temperature is too warm or one or more fans may have failed.

Recommended Response Action Check system operating environment and review event log for fan failures.

Category System Health (TMP = Temperature)

Severity Severity 1 (Critical)

Trap/EventID 2161

LCD Message System board temperature is outside of range. Check Fans

Redfish Event Type Alert

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TMP0104

Message The system board arg1 temperature is outside of range.

Arguments $arg1 = \text{name}$

Detailed Description Ambient air temperature is too warm or cool.

Recommended Response Action Check system operating environment and review event log for fan failures.

Category System Health (TMP = Temperature)

Severity Severity 1 (Critical)

Trap/EventID 2161

LCD Message System board <name> temperature is outside of range. Check Fans

Redfish Event Type Alert

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2182
## TMP0105

**Message**
The system board `$arg1` temperature is within range.

**Arguments**
`$arg1` = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

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### Filter Visibility

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## TMP0106

**Message**
The memory module `$arg1` temperature is less than the lower warning threshold.

**Arguments**
`$arg1` = number

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162
### TMP0107

**Message**
The memory module arg1 temperature is less than the lower critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Memory module <number> temperature is outside of range. Check Fans

### TMP0108

**Message**
The memory module arg1 temperature is greater than the upper warning threshold.
Arguments
arg1 = number

Detailed Description
Ambient air temperature is too warm or one or more fans may have failed.

Recommended Response Action
Check system operating environment and review event log for fan failures.

Category
System Health (TMP = Temperature)

Severity
Severity 2 (Warning)

Trap/EventID
2162

Redfish Event Type
Alert

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**TMP0109**

Message
The memory module arg1 temperature is greater than the upper critical threshold.

Arguments
arg1 = number

Detailed Description
Ambient air temperature is too warm or one or more fans may have failed.

Recommended Response Action
Check system operating environment and review event log for fan failures.

Category
System Health (TMP = Temperature)

Severity
Severity 1 (Critical)

Trap/EventID
2161

LCD Message
Memory module <number> temperature is outside of range. Check Fans

Redfish Event Type
Alert

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</table>
### Message
The memory module `arg1` temperature is outside of range.

### Arguments
`arg1` = number

### Detailed Description
Ambient air temperature is too warm or cool.

### Recommended Response Action
Check system operating environment and review event log for fan failures.

### Category
System Health (TMP = Temperature)

### Severity
Severity 1 (Critical)

### Trap/EventID
2161

### LCD Message
Memory module <number> temperature is outside of range. Check Fans

### Redfish Event Type
Alert

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### Message
The memory module `arg1` temperature is within range.

### Arguments
`arg1` = number

### Detailed Description
None

### Recommended Response Action
No response action is required.

### Category
System Health (TMP = Temperature)

### Severity
Severity 3 (Informational)
TMP0112

Message  The \texttt{arg1} temperature is less than the lower warning threshold.

Arguments  \texttt{arg1} = name

Detailed Description  Ambient air temperature is too cool.

Recommended Response Action  Check system operating environment.

Category  System Health (TMP = Temperature)

Severity  Severity 2 (Warning)

Trap/EventID  2162

Redfish Event Type  Alert

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TMP0113

Message  The \texttt{arg1} temperature is less than the lower critical threshold.

Arguments  \texttt{arg1} = name
**TMP0114**

**Message**

The \textit{arg1} temperature is greater than the upper warning threshold.

**Arguments**

\textit{arg1} = name

**Detailed Description**

Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**

Check system operating environment and review event log for fan failures.

**Category**

System Health (TMP = Temperature)

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2162

**Redfish Event Type**

Alert

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2188
LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
-------|------|--------|-----------|-------------|-------|-------------------
iDRAC  | ✔   | ✔      | ✔         | ✔           | ✔     | ✔     ✔
CMC    | ✔   | ✔      | ✔         | ✔           | ✔     | ✔     *, ✔*

**TMP0115**

**Message**
The $arg1$ temperature is greater than the upper critical threshold.

**Arguments**
$arg1$ = name

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
The <name> temperature is outside of range. Check Fans temperature is outside of range.

**Redfish Event Type**
Alert

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<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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<th>Redfish Eventing</th>
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</table>

**TMP0116**

**Message**
The $arg1$ temperature is outside of range.

**Arguments**
$arg1$ = name

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)
**Tmp/EventID**: 2161

**LCD Message**: The `<name>` temperature is outside of range. Check Fans

**Redfish Event Type**: Alert

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**TMP0117**

**Message**: The `arg1` temperature is within range.

**Arguments**: `arg1` = name

**Detailed Description**: None

**Recommended Response Action**: No response action is required.

**Category**: System Health (TMP = Temperature)

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2163

**Redfish Event Type**: Alert

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**TMP0118**

**Message**: The system inlet temperature is less than the lower warning threshold.
**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

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**TMP0119**

**Message**
The system inlet temperature is less than the lower critical threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

** Trap/EventID**
2161

**LCD Message**
Inlet temperature is lower than critical threshold. Check environment

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
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<th>IPMI Alert</th>
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### TMP0120

**Message**
The system inlet temperature is greater than the upper warning threshold.

**Detailed Description**
Ambient air temperature is too warm.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

<table>
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### TMP0121

**Message**
The system inlet temperature is greater than the upper critical threshold.

**Detailed Description**
Ambient air temperature is too warm.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is greater than upper critical threshold. Check environment

**Redfish Event Type**
Alert
### TMP0122

**Message**
The system inlet temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is outside of range. Check environment

**Redfish Event Type**
Alert

### TMP0123

**Message**
The system inlet temperature is within range.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.
### Category
System Health (TMP = Temperature)

### Severity
Severity 3 (Informational)

### Trap/EventID
2163

### Redfish Event Type
Alert

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</table>

### TMP0124

**Message**
Disk drive bay temperature is less than the lower warning threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

### Category
System Health (TMP = Temperature)

### Severity
Severity 2 (Warning)

### Trap/EventID
2162

### Redfish Event Type
Alert

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### TMP0125

**Message**
Disk drive bay temperature is less than the lower critical threshold.
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<thead>
<tr>
<th>Detailed Description</th>
<th>Ambient air temperature is too cool.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check system operating environment.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (TMP = Temperature)</td>
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<tr>
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**TMP0126**

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<td>Ambient air temperature is too warm or one or more fans may have failed.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Check system operating environment and review event log for fan failures.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>System Health (TMP = Temperature)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
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TMP0127

**Message**
Disk drive bay temperature is greater than the upper critical threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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</table>

TMP0128

**Message**
Disk drive bay temperature is outside of range.

**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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</table>
**TMP0129**

**Message**
Disk drive bay temperature is within range.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

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**CMC**

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**TMP0130**

**Message**
The control panel temperature is less than the lower warning threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert
### TMP0131

**Message**
The control panel temperature is less than the lower critical threshold.

**Detailed Description**
Ambient air temperature is too cool.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

---

### TMP0132

**Message**
The control panel temperature is greater than the upper warning threshold.

**Detailed Description**
Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)
Severity: Severity 2 (Warning)

Trap/EventID: 2162

Redfish Event Type: Alert

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**TMP0133**

**Message**: The control panel temperature is greater than the upper critical threshold.

**Detailed Description**: Ambient air temperature is too warm or one or more fans may have failed.

**Recommended Response Action**: Check system operating environment and review event log for fan failures.

**Category**: System Health (TMP = Temperature)

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2161

**Redfish Event Type**: Alert

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**TMP0134**

**Message**: The control panel temperature is outside of range.
**Detailed Description**
Ambient air temperature is too warm or cool.

**Recommended Response Action**
Check system operating environment and review event log for fan failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**Redfish Event Type**
Alert

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**TMP0135**

**Message**
The control panel temperature is within range.

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**Redfish Event Type**
Alert

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2200
**TMP0136**

**Message**  
The system is automatically turned off because of insufficient cooling.

**Detailed Description**  
The system is automatically turned off because of insufficient cooling.

**Recommended Response Action**  
Replace the fans that have stopped functioning, or add the minimum number of fans recommended. For more information, see the system Owners Manual available at the support site.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2161

**LCD Message**  
Insufficient system cooling detected. Check fans

**Redfish Event Type**  
Alert

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**TMP0137**

**Message**  
The system cooling is working normally.

**Detailed Description**  
The system cooling is working normally.

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2163

**Redfish Event Type**  
Alert
The C1 Enhance (C1E) state is disabled in the server. Increased fan speeds can be expected during high CPU workload.

Disabling the C1E state in servers with processors that have their Thermal Design Power (TDP) value set to equal to or greater than 155 Watt results in increased fan speed during high CPU workloads.

No response action is required.

System Health (TMP = Temperature)

Severity 3 (Informational)

Alert

CPU arg1 temperature is less than the lower warning threshold.

arg1 = number

System performance may be degraded.

Check system operating environment.
**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 2 (Warning)

** Trap/EventID**  
2162

** Redfish Event Type**  
Alert

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**TMP0201**

**Message**  
CPU arg1 temperature is less than the lower critical threshold.

**Arguments**  
arg1 = number

**Detailed Description**  
System performance may be degraded.

**Recommended Response Action**  
Check system operating environment.

**Category**  
System Health (TMP = Temperature)

**Severity**  
Severity 1 (Critical)

** Trap/EventID**  
2161

** LCD Message**  
CPU <number> temperature is outside of range. Check fans

**Redfish Event Type**  
Alert

<table>
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2203
**TMP0202**

**Message**
CPU arg1 temperature is greater than the upper warning threshold.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment, fans, and heatsinks.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**Redfish Event Type**
Alert

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**TMP0203**

**Message**
CPU arg1 temperature is greater than the upper critical threshold.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment, fans, and heatsinks.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
CPU <number> temperature is outside of range. Check fans

**Redfish Event Type**
Alert
### TMP0204

**Message**
CPU arg1 temperature is outside of range.

**Arguments**
arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment, fans, and heatsinks.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
CPU <number> temperature is outside of range. Check fans

**Redfish Event Type**
Alert

---

### TMP0205

**Message**
CPU arg1 temperature is within range.

**Arguments**
arg1 = number

**Detailed Description**
None
Recommended Response Action
No response action is required.

Category
System Health (TMP = Temperature)

Severity
Severity 3 (Informational)

Trap/EventID
2163

Redfish Event Type
Alert

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**TMP0300**

Message
The Enhanced Cooling Mode feature is enabled.

Detailed Description
The Enhanced Cooling Mode feature is enabled.

Recommended Response Action
No response action is required.

Category
System Health (TMP = Temperature)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

**TMP0301**

Message
The Enhanced Cooling Mode feature is disabled.

Detailed Description
The Enhanced Cooling Mode feature is disabled.

Recommended Response Action
No response action is required.

Category
System Health (TMP = Temperature)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
**TMP0302**

**Message**
Unable to set Enhanced Cooling Mode because the required power or fan configuration is not available.

**Detailed Description**
The Enhanced Cooling Mode feature cannot be enabled because the necessary power or fan configuration is not available.

**Recommended Response Action**
Do the following: 1) Check the available power and the fan configuration. 2) If the required power for Enhanced Cooling mode is not available, remove other chassis components which are not being used in order to obtain sufficient power. 3) If the fan configuration does not support Enhanced Cooling Mode, replace unsupported fans with supported ones. 4) If the issue persists, contact your service provider.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**TMP1000**

**Message**
`arg1` exceeded the maximum warning threshold.

**Arguments**
`arg1` = tempsensor name

**Detailed Description**
The enclosure is too hot. A variety of factors can cause the excessive temperature. For example, a fan may have failed, the thermostat may be set too high, or the room temperature may be too hot.

**Recommended Response Action**
Check for factors that may cause overheating. For example, verify that the enclosure fan is working. You should check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information.

**Category**
Storage (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4210

**OMSA Event ID**
2100

**OMSA Trap ID**
105300

**Redfish Event Type**
Alert
**Message**
arg1 has crossed the minimum warning threshold.

**Arguments**
arg1 = tempsensor name

**Detailed Description**
The enclosure is too cold.

**Recommended Response Action**
Check whether the thermostat setting is too low and whether the room temperature is too cool.

**Category**
Storage (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4210

**OMSA Event ID**
2101

**OMSA Trap ID**
105300

**Redfish Event Type**
Alert

---

**Message**
arg1 has exceeded the maximum failure threshold.

**Arguments**
arg1 = tempsensor name

---

**Message**
arg1 has exceeded the maximum failure threshold.

**Arguments**
arg1 = tempsensor name
Detailed Description
The enclosure is too hot. A variety of factors can cause the excessive temperature. For example, a fan may have failed, the thermostat may be set too high, or the room temperature may be too hot.

Recommended Response Action
Check for factors that may cause overheating. For example, verify that the enclosure fan is working. You should also check the thermostat settings and examine whether the enclosure is located near a heat source. Make sure the enclosure has enough ventilation and that the room temperature is not too hot. Refer to the enclosure documentation for more diagnostic information.

Category
Storage (TMP = Temperature)

Severity
Severity 1 (Critical)

Trap/EventID
4209

OMSA Event ID
2102

OMSA Trap ID
105400

Redfish Event Type
Alert

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TMP1003

Message
arg1 has crossed the minimum failure threshold.

Arguments
arg1 = tempsensor name

Detailed Description
The enclosure is too cold.

Recommended Response Action
Check whether the thermostat setting is too low and whether the room temperature is too cool.

Category
Storage (TMP = Temperature)

Severity
Severity 1 (Critical)

Trap/EventID
4209

OMSA Event ID
2103

OMSA Trap ID
105400

Redfish Event Type
Alert

2209
The temperature sensor arg1 is now within configured threshold values.

Arguments

arg1 = temperature sensor name

Detailed Description
The enclosure temperature sensor identified in the message is operating within the upper and lower configured temperature thresholds.

Recommended Response Action
No response action is required.

Category
Storage (TMP = Temperature)

Severity
Severity 3 (Informational)

Trap/EventID
4211

Redfish Event Type
Alert

The temperature probe maximum warning value was changed on arg1.

Arguments

arg1 = Enclosure name

Detailed Description
You have changed the value for the maximum temperature probe warning threshold. This alert is provided for informational purposes.
Recommended Response Action: No response action is required.

Category: Storage (TMP = Temperature)
Severity: Severity 3 (Informational)

Trap/EventID: 4211
OMSA Event ID: 2154
OMSA Trap ID: 105100

Redfish Event Type: Alert

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iDRAC ✔* 
CMC ✔ ✔*

TMP500

Message: The arg1 sensor has failed with value the arg2 degrees Celsius.

Arguments: arg1 = sensor name, arg2 = temperature

Detailed Description: A temperature sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action: Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

Category: System Health (TMP = Temperature)
Severity: Severity 1 (Critical)

OMSA Event ID: 5050
Redfish Event Type: Alert

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**TMP501**

**Message**
Unable to read the \textit{arg1} sensor value.

**Arguments**
\textit{arg1} = sensor name

**Detailed Description**
A temperature sensor identified in the message has failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5051

**Redfish Event Type**
Alert

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**TMP502**

**Message**
The \textit{arg1} sensor has returned to a normal state with a value of \textit{arg2} degrees Celsius.

**Arguments**
\textit{arg1} = sensor name, \textit{arg2} = temperature

**Detailed Description**
The sensor identified in the message has returned to a normal state.

**Recommended Response Action**
No response action is required.

**Category**
System Health (TMP = Temperature)
Severity: Severity 3 (Informational)
OMSA Event ID: 5052
OMSA Trap ID: 5052
Redfish Event Type: Alert

### TMP503

**Message**
The \( \text{arg1} \) sensor state has changed to a warning state with a value of \( \text{arg2} \) degrees Celsius.

**Arguments**
\( \text{arg1} = \) sensor name, \( \text{arg2} = \) temperature

**Detailed Description**
The temperature sensor identified in the message is faulty, or the temperature exceeds the warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider. Otherwise, change the warning threshold for the temperature sensor (if applicable) such that it corresponds to the hardware configuration.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5053

**OMSA Trap ID**
5053

**Redfish Event Type**
Alert
**TMP504**

**Message**
The arg1 sensor has detected an error with a value of arg2 degrees Celsius.

**Arguments**
arg1 = sensor name, arg2 = temperature

**Detailed Description**
The temperature sensor identified in the message is faulty, or the temperature exceeds the critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Review system power policy, check system logs for temperature related failures.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 1 (Critical)

**OMSA Event ID**
5054

**OMSA Trap ID**
5054

**Redfish Event Type**
Alert

---

**TMP505**

**Message**
The arg1 sensor has failed with a value of arg2 degrees Celsius.

**Arguments**
arg1 = sensor name, arg2 = temperature

**Detailed Description**
The temperature sensor identified in the message has failed.

**Recommended Response Action**
Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. For more information, contact your service provider.

**Category**
System Health (TMP = Temperature)
Severity 1 (Critical)

OMSA Event ID 5055
OMSA Trap ID 5055
Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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### TMP6

**Message**
The temperature probe minimum warning value was changed on arg1.

**Arguments**
arg1 = Enclosure name

**Detailed Description**
You have changed the value for the minimum temperature probe warning threshold. This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (TMP = Temperature)

**Severity**
Severity 3 (Informational)

Trap/EventID 4211
OMSA Event ID 2155
OMSA Trap ID 105100
Redfish Event Type Alert

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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TMP7

Message  
arg1 has failed.

Arguments  
arg1 = Temp Sensor Name

Detailed Description  
A device has been failed and the system is no longer functioning in optimal condition.

Recommended Response Action  
Replace the device.

Category  
Storage (TMP = Temperature)

Severity  
Severity 1 (Critical)

Trap/EventID  
4209

Redfish Event Type  
Alert

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CMC

TMP8500

Message  
I/O Module arg1 temperature exceeded operating range.

Arguments  
arg1 = iom slot name

Detailed Description  
The temperature of the I/O Module identified in the message has increased beyond the operational range. Thermal protection shut down the I/O Module. Factors external to the I/O Module may have caused this situation.

Recommended Response Action  
Check the chassis event log for fan issues and fix any issues present. If no fan issues are detected, check chassis ambient temperature and make sure the temperature is within operating range. Utilize the RACADM command "racadm getsensorinfo" to check the chassis ambient temperature.

Category  
Audit (TMP = Temperature)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert
TMP8501

Message
Unable to read planar board temperature sensors. The cooling has been increased to safeguard the system.

Detailed Description
System was unable to read planar board or control panel temperature sensors. The fan speed was increased to protect system hardware.

Recommended Response Action
Remove AC power from the system and reapply AC power. Check to see if the issue is resolved. If the issue persists, contact your service provider.

Category
Audit (TMP = Temperature)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

TMP8502

Message
Able to read planar board temperature sensors. Cooling set for normal chassis operation.

Detailed Description
The system has recovered from being unable to read planar board or control panel temperature sensors.

Recommended Response Action
No response action required.

Category
Audit (TMP = Temperature)
## TMP8503

**Message**
Temperature of NIC adapter in slot `arg1` is greater than normal operating range possibly due to an issue in the cooling system or a fan that is no longer functioning correctly.

**Arguments**
`arg1` = slot number

**Detailed Description**
The NIC adapter in the slot identified in the message may have temperature related issues. The device temperature suggests degraded cooling or possibly a fan not functioning correctly on the adapter card (if adapter card has a fan).

**Recommended Response Action**
The cooling system may have issues. Contact your authorized Customer Service representative for further assistance.

**Category**
System Health (TMP = Temperature)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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TMPS Event Messages

TMPS0100

Message
Inlet temperature is above warning level for extended duration.

Detailed Description
<font face="Calibri">Inlet temperature has been above the warning threshold for
duration of 8% or more for the operational time during the last one year.</font>

Recommended Response Action
This condition will occur if the ambient temperature is high. Make sure the ambient
temperature of the environment is in normal range.

Category
System Health (TMPS = Temperature Statistics)

Severity
Severity 2 (Warning)

Trap/EventID
2522

Redfish Event Type
Alert

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TMPS0101

Message
Inlet temperature is above critical level for extended duration.

Detailed Description
<font face="Calibri">Inlet temperature has been above the critical threshold for
duration of 0.8% or more for the operational time during the last one year.</font>

Recommended Response Action
This condition will occur if the ambient temperature is high. Make sure the ambient
temperature of the environment is in normal range.

Category
System Health (TMPS = Temperature Statistics)

Severity
Severity 2 (Warning)

Trap/EventID
2522
TMPS0102

Message  
Inlet temperature is above warning level for extended duration.

Detailed Description  
<font face="Calibri">Inlet temperature has been above the warning threshold for duration of 10% or more for the operational time during the last one year.</font>

Recommended Response Action  
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.

Category  
System Health (TMPS = Temperature Statistics)

Severity  
Severity 1 (Critical)

Trap/EventID  
2521

TMPS0103

Message  
Inlet temperature is above critical level for extended duration.

Detailed Description  
<font face="Calibri">Inlet temperature has been above the critical threshold for duration of 1% or more for the operational time during the last one year.</font>

Recommended Response Action  
This condition will occur if the ambient temperature is high. Make sure the ambient temperature of the environment is in normal range.
<table>
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<th>Category</th>
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2221
TST Event Messages

TST100

Message: The operation was successful.
Detailed Description: The operation completed successfully.
Recommended Response Action: No response action is required.
Category: Configuration (TST = Test Alert)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

TST101

Message: Resource allocation failure.
Detailed Description: The operation did not complete successfully because of lack of memory or file space in the iDRAC firmware.
Recommended Response Action: Reset the iDRAC and retry the operation.
Category: Configuration (TST = Test Alert)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

TST102

Message: Email alert destination address not configured.
Detailed Description: The destination address of the email is not configured.
Recommended Response Action: Configure the email alert destination address and retry the operation.
Category: Configuration (TST = Test Alert)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

TST103

Message  Missing parameters \texttt{arg1}
Arguments  \texttt{arg1} = parameter names
Detailed Description  One or more required parameters needed for the operation are missing.
Recommended Response Action  To provide the correct parameters, see Lifecycle Controller-Remote Services documentation.
Category  Configuration (TST = Test Alert)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

TST104

Message  SNMP traps not configured.
Detailed Description  The SNMP trap being tested is not properly configured.
Recommended Response Action  Configure the SNMP trap and retry the operation. If the issue persists, reset iDRAC.
Category  Configuration (TST = Test Alert)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

TST105

Message  Invalid parameter value for \texttt{arg1}.
Arguments  \texttt{arg1} = parameter name
Detailed Description  The value provided for the specified parameter is invalid.
Recommended Response Action  To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (TST = Test Alert)</th>
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<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
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*No alerts are applicable for this message*

**TST106**

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<tr>
<th>Message</th>
<th>Email alert destination address not configured.</th>
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<tbody>
<tr>
<td>Detailed Description</td>
<td>The email alert being tested is not properly configured.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Configure the email alert and retry the operation. If the failure persists, reset iDRAC.</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
UEFI Event Messages

**UEFI0000**

**Message**
CPU Exception Type 0x00: Divide by Zero (Software).

**Detailed Description**
A CPU type 0x00, divide by zero exception, (type 0x00) occurred in the pre-boot UEFI environment. The software attempted to do a mathematical divide by zero, an illegal operation.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC ✔
CMC

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy**
iDRAC ✔
CMC

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**UEFI0001**

**Message**
CPU Exception Type 0x03: Breakpoint (Software).

**Detailed Description**
A CPU software breakpoint exception (type 0x03) occurred in the pre-boot UEFI environment. The software used it for debugging purposes.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0004**

**Message**
CPU Exception Type 0x06: Invalid Opcode (Software).

**Detailed Description**
A CPU invalid opcode exception (type 0x06) occurred in the pre-boot UEFI environment. The software attempted to execute invalid code.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0005**

**Message**
CPU Exception Type 0x07: Math Coprocessor Not Available (Hardware).

**Detailed Description**
A CPU math coprocessor not available (type 0x07) exception occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
**UEFI0006**

**Message**
CPU Exception Type 0x08: Double Fault (Software).

**Detailed Description**
A CPU double fault exception (type 0x08) occurred.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0007**

**Message**
CPU Exception Type 0x09: Coprocessor Segment Overrun (Software).

**Detailed Description**
A CPU coprocessor segment overrun exception (type 0x09) occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)
UEFI0008

**Message**
CPU Exception Type 0x0A: Invalid Task Segment State Segment (TSS) (Software).

**Detailed Description**
A CPU invalid task segment state (TSS) exception (type 0x0A) occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0009**

**Message**
CPU Exception Type 0x0B: Segment Not Present (Software).

**Detailed Description**
A CPU segment not present exception (type 0x0B) occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | | | |
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | | | | | 
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UEFI0010

Message: CPU Exception Type 0x0C: Stack-Segment Fault (Software).
Detailed Description: A CPU stack-segment fault (type 0x0C) exception occurred in the pre-boot UEFI environment.
Recommended Response Action: Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | | | | | | 
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | | | | | 
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UEFI0011

Message: CPU Exception Type 0x0D: General Protection (Software).
Detailed Description: A CPU general protection (type 0x0D) exception occurred in the pre-boot UEFI environment.
Recommended Response Action
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0012**

Message
CPU Exception Type 0x0E: Page Fault (Software).

Detailed Description
A CPU page fault (type 0x0E) exception occurred in the pre-boot UEFI environment. A program accessed a page mapped in the virtual address space, but not loaded in physical memory.

Recommended Response Action
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0013**

Message
CPU Exception Type 0x10: Floating Point Error (Software).
**Detailed Description**
A CPU floating point error (type 0x10) exception occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0014**

**Message**
CPU Exception Type 0x11: Alignment Check (Software).

**Detailed Description**
A CPU alignment check exception (type 0x11) occurred in the pre-boot UEFI environment.

**Recommended Response Action**
Recently installed hardware or updated software may cause this exception. Update or remove the hardware or software.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event**

**iDRAC** ✔

**CMC**

2231
UEFI0015

Message: Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

Detailed Description: The BIOS is unable to access the Lifecycle Controller firmware. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response Action: Perform the following actions: 1) Reboot the system. 2) Press F2 during boot to enter System Setup. 3) Select iDRAC Settings then Lifecycle Controller. 4) Change Lifecycle Controller back to Enabled. If subsequent failures occur, press and hold the system ID button down for 15 seconds to reset the iDRAC. For more information on how to reset iDRAC, see iDRAC Users Guide.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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UEFI0016

Message: Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

Detailed Description: Unable to find a Lifecycle Controller partition. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response Action: Perform the following actions: 1) Reboot the system. 2) Press F2 during boot to enter System Setup. 3) Select iDRAC Settings then Lifecycle Controller. 4) Change Lifecycle Controller back to Enabled. If subsequent failures occur, press and hold the system ID button down for 15 seconds to reset the iDRAC. For more information on how to reset iDRAC, see iDRAC Users Guide.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0017**

**Message**
Lifecycle Controller (LC) firmware was not accessible and is therefore in Recovery mode.

**Detailed Description**
Unable to locate a file required to run Lifecycle Controller. No Lifecycle Controller functionality is available while in Recovery Mode.

**Recommended Response Action**
Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0018**

**Message**
Lifecycle Controller (LC) is unable to complete a requested task or function and therefore is in Recovery Mode.

**Detailed Description**
An internal error occurred. No Lifecycle Controller functionality is available while in Recovery Mode.
Recommended Response Action
Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0019**

Message
Lifecycle Controller (LC) is unable to complete a requested task or function and prevented the boot process from completing on multiple attempts. LC is in Recovery Mode.

Detailed Description
The system boot process did not complete repeatedly due to problems encountered while performing a Lifecycle Controller task for function. No Lifecycle Controller functionality is available while in Recovery Mode.

Recommended Response Action
Repair Lifecycle Controller firmware using the Lifecycle Controller Dell Update Package (DUP) or Lifecycle Controller Repair Package via iDRAC. For more information, see Lifecycle Controller Users Guide.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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2234
**UEFI0020**

**Message**  
The Lifecycle Controller feature is enabled.

**Detailed Description**  
The Lifecycle Controller feature is enabled.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**UEFI0021**

**Message**  
The Lifecycle Controller feature is disabled.

**Detailed Description**  
The Lifecycle Controller feature is disabled. The feature was disabled because of one of the following conditions: 1) The feature was disabled manually using the F2 System Setup utility or through an iDRAC interface, 2) BIOS encountered an issue starting the feature and automatically disabled it.

**Recommended Response Action**  
To enable the Lifecycle Controller (LC) feature using F2 System Setup, select the iDRAC Settings > Lifecycle Controller and then select Enabled. If LC becomes disabled automatically, update the Lifecycle Controller firmware or apply the Lifecycle Controller Repair Package.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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UEFI0022

**Message**
Unable to initialize Management Engine because the Management Engine is not responding.

**Detailed Description**
The Management Engine firmware cannot be initialized because the Management Engine is not responding.

**Recommended Response Action**
Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

UEFI0023

**Message**
BIOS is unable to send the End of POST message to Management Engine because the Management Engine is not responding.

**Detailed Description**
The End of POST message could not be sent to the Management Engine because the Management Engine is not responding.

**Recommended Response Action**
Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0024

Message: The Management Engine is not responding.
Detailed Description: The Management Engine firmware is not responding to the BIOS via the HECI interface.
Recommended Response Action: Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

UEFI0025

Message: Unable to initialize Management Engine firmware.
Detailed Description: The Management Engine firmware cannot be initialized. The BIOS will reset the system to retry the initialization process.
Recommended Response Action: Wait for the BIOS to reset the system and reinitialize the Management Engine. If the issue persists, turn off the input power to the system and turn on again.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
**UEFI0026**

**Message**

iDRAC is not responding.

**Detailed Description**

iDrac is not responding to BIOS commands. The BIOS will reset the system to retry the initialization process.

**Recommended Response Action**

Wait for the BIOS to reset the system and reinitialize the iDRAC. If the issue persists, remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

---

**UEFI0027**

**Message**

The system must be restarted for the new license to become effective.

**Detailed Description**

A license change for the system or a component in the system requires a system reset in order for the new license to take effect.

**Recommended Response Action**

Wait for the BIOS to reset the system.
**Message**

- UEFI0028: iDRAC is not responding after a recovery system reset was performed.
- UEFI0029: Unable to initialize iDRAC because of some critical issues.

**Detailed Description**

- UEFI0028: The iDRAC is not responding after a recovery system reset was performed. BIOS will continue POST startup with iDRAC in a non functional state.
- UEFI0029: iDRAC could not be initialized because of some critical issues. Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power
management, thermal management, inventory collection, LCD, or system error reporting.

**Recommended Response Action**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware. 3) Continue to boot. Note: This may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**LC Log**
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

<iDRAC ✔
CMC>

**UEFI0030**

**Message**
A keyboard device is not connected to the system.

**Detailed Description**
A keyboard device is not connected to the system.

**Recommended Response Action**
Connect a keyboard device to the system.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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UEFI0031

Message  
PCIe downtrain is detected on arg1. Expected link width: arg2 Actual link width: arg3

Arguments  
arg1 = device location, arg2 = size, arg3 = size

Detailed Description  
The PCIe device identified in the message was not trained at the expected link width.

Recommended Response Action  
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the firmware on the PCIe device. If the issue persists, contact your service provider

Category  
System Health (UEFI = UEFI Event)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

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UEFI0032

Message  
Unable to initialize the TPM chip because the TPM chip is not functioning.

Detailed Description  
The TPM chip cannot be initialized because the TPM chip is not functioning.

Recommended Response Action  
Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system.

Category  
System Health (UEFI = UEFI Event)

Severity  
Severity 1 (Critical)

Redfish Event Type  
Alert

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2241
**UEFI0033**

**Message**
Default system BIOS settings are in use because NVRAM_CLR jumper is installed on the system board.

**Detailed Description**
The NVRAM_CLR jumper is installed to clear the BIOS configuration. After clearing the BIOS configuration, remove the NVRAM_CLR jumper so that the system can function normally and any non-default BIOS system setting changes can be persistently saved.

**Recommended Response Action**
To change the system BIOS settings and persistently save the settings, remove the NVRAM_CLR jumper and then go to the System Setup to configure system settings.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0034**

**Message**
A CMOS battery loss is detected resulting in an invalid BIOS configuration.

**Detailed Description**
A CMOS battery loss is detected resulting in an invalid BIOS configuration.

**Recommended Response Action**
Go to the System Setup to configure system settings, system time and date.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

2242
**UEFI0035**

**Message**
The BIOS passwords are disabled because the PWRD_EN jumper is removed from the system board.

**Detailed Description**
The BIOS passwords are disabled because the PWRD_EN jumper is removed from the system board.

**Recommended Response Action**
To enable the BIOS passwords, install the PWRD_EN jumper.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**UEFI0036**

**Message**
Unable to initialize the iDRAC Shared Memory Architecture (SMA) interface.

**Detailed Description**
The iDRAC Shared Memory Architecture (SMA) interface cannot be initialized. The BIOS will use the Keyboard Controller Style (KCS) interface.

**Recommended Response Action**
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

**Category**
System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC ✔          |           |           |             |                   |             |                   
CMC ✔           |           |           |             |                   |             |                   

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC ✔ | ✔   | ✔     |           |             |       |                    
CMC    |     |       |           |             |       |                    

**UEFI0037**

Message: Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI).

Detailed Description: Unable to communicate with iDRAC because of an issue in the iDRAC Shared Memory Architecture (SMA) Intelligent Platform Management Interface (IPMI). Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as active power management, thermal management.

Recommended Response Action: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
-----------------|-----------|-----------|-------------|-------------------|-------------|-------------------
iDRAC ✔          |           |           |             |                   |             |                   
CMC ✔           |           |           |             |                   |             |                   

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
-------|-----|-------|-----------|-------------|-------|---------------------
iDRAC ✔ | ✔   | ✔     |           |             |       |                    
CMC    |     |       |           |             |       |                    

2244
UEFI0038

Message
Unable to communicate with iDRAC because of missing interrupts on the Shared Memory Architecture (SMA) interface.

Detailed Description
Unable to communicate with iDRAC because an expected interrupt(s) from the iDRAC SMA (Shared Memory Architecture) interface did not happen. Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as active power management, thermal management.

Recommended Response Action
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0039

Message
Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI).

Detailed Description
Unable to communicate with iDRAC because of an issue in the iDRAC Keyboard Controller Style (KCS) Intelligent Platform Management Interface (IPMI). Continuing to boot may result in unexpected power loss because of unknown power inventory and unavailability of features such as remote out of band access, active power management, thermal management, inventory collection, LCD, or system error reporting.

Recommended Response Action
Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the iDRAC firmware on the system.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)
UEFI0040

Message: The TXT feature is disabled because of an unexpected issue.

Detailed Description: The TXT has been disabled due to an unexpected issue. Check the SEL (System Event Log) for details of the issue.

Recommended Response Action: Do one of the following: 1) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 2) Update the BIOS firmware on the system. For information about the issue, see System Event Log (SEL).

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0041

Message: Unable to enable the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor.

Detailed Description: Unable to turn on the TXT feature because the Virtualization Technology (VT) feature is not enabled on the processor.
Recommended Response Action: From System Setup, enable VT, and then enable TXT. If the issue persists, update the system BIOS firmware.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

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**UEFI0042**

Message: Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid.

Detailed Description: Unable to enable the TXT feature because Trusted Platform Module (TPM) configuration is invalid.

Recommended Response Action: Go to System Setup > System Security page, select the "On with pre-boot measurement" option for TPM Security, and click the "Activate" option under TPM command. Restart the system, go to System Setup > System Security page, and then enable TXT.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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UEFI0043

Message
Unable to enable the TXT feature because the processor does not support TXT.

Detailed Description
Unable to enable the TXT feature because the processor does not support TXT.

Recommended Response Action
Install a TXT-capable processor and retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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UEFI0044

Message
Unable to enable the TXT feature because the motherboard chipset does not support TXT.

Detailed Description
Unable to enable the TXT feature because the processor does not support TXT.

Recommended Response Action
Contact your service provider.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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2248
### UEFI0045

**Message**
Unable to enable the TXT feature because a TPM chip is not present.

**Detailed Description**
Unable to enable the TXT feature because a TPM chip is not present.

**Recommended Response Action**
Install a TPM chip module by following the installation procedure. Refer to the platform Owners Manual for more information or contact your service provider.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### UEFI0046

**Message**
An issue is observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted.

**Detailed Description**
An issue in observed in the previous invocation of TXT SINIT Authenticated Code Module (ACM) because the TXT information stored in the TPM chip may be corrupted.

**Recommended Response Action**
Do one of the following: 1) Update the BIOS firmware. 2) Go to System Setup > System Security page, click the “Clear” option under TPM command. Restart the system, go to System Setup > System Security page, click the “Activate” option under TPM command, and then enable TXT.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0047

Message: One or more keys in the keyboard is stuck and not functional.

Detailed Description: One or more keys in the keyboard is stuck and not functional.

Recommended Response Action: Make sure that the key is not stuck in the keyboard and retry the operation.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

UEFI0048

Message: The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller is not functioning.

Detailed Description: The Collect System Inventory on Restart (CSIOR) operation is not performed during this restart because Lifecycle Controller firmware could not be accessed or run properly.

Recommended Response Action: Repair Lifecycle Controller using the Update Package. For more information, see the Lifecycle Controller Users Guide.

Category: System Health (UEFI = UEFI Event)
Severity

Severity 1 (Critical)

Redfish Event Type

Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**

**UEFI0049**

**Message**

Unable to enable the Non-maskable Interrupt (NMI) button because either the NMI button is stuck or iDRAC firmware is not updated.

**Detailed Description**

The NMI button cannot be enabled because either the NMI button is stuck or iDRAC firmware is not updated.

**Recommended Response Action**

Correct the NMI button if stuck or update iDRAC firmware on the system.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**LC Log**

**LCD**

**OS Log**

**Power Off**

**Power Cycle**

**Reset**

**Chassis Event Proxy**

**iDRAC**

**CMC**

**UEFI0050**

**Message**

The process of collecting Brand information is started.

**Detailed Description**

The rebranding process is started.
**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**UEFI0051**

**Message**
Brand information is successfully collected. The system is being restarted.

**Detailed Description**
Brand information is successfully collected. The system is being restarted. The rebranding process is completed.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**UEFI0052**

**Message**
Unable to complete the rebranding operation because of the issue(s) displayed earlier.
Detailed Description: The rebranding process cannot be completed because of the reasons identified on the computer screen.

Recommended Response Action: Do one of the following and retry the operation: 1) Update the iDRAC firmware. 2) Update the system BIOS. 3) Update the OEM ID module.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**UEFI0053**

Message: The debranding process is started.

Detailed Description: The debranding process is started.

Recommended Response Action: No response action is required.

Category: Updates (UEFI = UEFI Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

---
**UEFI0054**

**Message**
Debranding process is completed. The system is being restarted.

**Detailed Description**
Debranding process is completed. The system is being restarted.

**Recommended Response Action**
No response action is required.

**Category**
Updates (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**UEFI0055**

**Message**
Unable to complete the debranding operation because of the issue(s) displayed earlier.

**Detailed Description**
The debranding process cannot be completed because of the reasons identified on the computer screen.

**Recommended Response Action**
Check the screen display for details of the failure. Retry the debrand process again, or update the system BIOS and then retry.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0056**

**Message**
A PCIe error has occurred.

**Detailed Description**
The PCIe error is logged during Power-on-Self-Test (POST). The error could have occurred during either the current or the previous POST.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCIe device that is not functioning correctly, and then update the device firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**Message**
A Machine-Check Exception (MCE) error has occurred.

**Detailed Description**
The MCE is logged during Power-on-Self-Test (POST). MCE could have occurred during either the current or the previous POST.

**Recommended Response Action**
Check the System Event Log (SEL) to identify Machine-Check Exception (MCE) event source. Resolve the issue identified in the SEL that caused the MCE. For further information, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
An uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning.

Uncorrectable Memory Error has occurred because a Dual Inline Memory Module (DIMM) is not functioning.

Check the System Event Log (SEL) to identify the non-functioning DIMM, and then replace it.

System Health (UEFI = UEFI Event)

Severity 1 (Critical)

Alert

The Power Supply Units (PSUs) in the system do not match.

The Power Supply Units (PSUs) in the system do not match.

Check the PSU types and make sure they are appropriately matched, and then retry the operation. For more information, see the platform Owners Manual.

Configuration (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**LC Log** | **LCD** | **OS Log** | **Power Off** | **Power Cycle** | **Reset** | **Chassis Event Proxy** |
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**UEFI0060**

**Message**: Power required by the system exceeds the power supplied by the Power Supply Units (PSUs).

**Detailed Description**: Power required by the system exceeds the power supplied by the PSUs. Continuing to restart the system may automatically turn off the system without any notification.

**Recommended Response Action**: Check the PSU and system configuration, and then upgrade the PSU, if necessary.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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**UEFI0061**

**Message**: The request to change attributes is being processed.

**Detailed Description**: The request to change one or more attribute(s) is being processed.
Recommended Response Action
No response action is required.

Category Updates (UEFI = UEFI Event)

Severity Severity 3 (Informational)

Redfish Event Type Alert

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**UEFI0062**

Message One or more attributes are successfully changed.

Detailed Description One or more attributes were successfully changed.

Recommended Response Action No response action is required.

Category Updates (UEFI = UEFI Event)

Severity Severity 3 (Informational)

Redfish Event Type Alert

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**UEFI0063**

Message Unable to change an attribute because of issues in the Attribute Configuration Interface (ACI) data block.
An attribute cannot be successfully configured because of an issue in the ACI data block.

Check the ACI data block for any invalid configuration data and settings, and then retry the operation. If the issue persists, contact your service provider.

Updates (UEFI = UEFI Event)

Severity 1 (Critical)

Alert

One or more attributes are successfully configured. The system is being restarted.

One or more attributes were successfully configured. The system will be automatically restarted.

No response action is required.

Updates (UEFI = UEFI Event)

Severity 3 (Informational)

Alert
UEFI0065

Message
One or more attributes are successfully configured. The system will be automatically turned off in 5 seconds.

Detailed Description
One or more attributes are successfully configured. The system is automatically turned off in 5 seconds.

Recommended Response Action
No response action is required.

Category
Updates (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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UEFI0066

Message
A PCIe link training failure is observed in arg1 and the link is disabled. The system has halted.

Arguments
arg1 = PCIe device

Detailed Description
A PCIe Link failure is observed in the device identified in the message and device link is disabled. The system will be halted.

Recommended Response Action
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0067

Message
A PCIe link training failure is observed in arg1 and device link is disabled.

Arguments
arg1 = PCIe device

Detailed Description
A PCIe link failure is observed in the PCIe device identified in the message and device link is disabled.

Recommended Response Action
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0068

Message
The mezzanine card configuration used is not supported on this Chassis.

Detailed Description
The mezzanine card configuration used is not supported on this Chassis. Server modules used in different Chassis may require cards with different configuration properties. For more information, contact your service provider.

Recommended Response Action
Make sure that a supported mezzanine card is used and retry the operation. For more information, see the platform Owners Manual of the Chassis available at the support site.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
**UEFI0069**

**Message**
A CMOS checksum error has occurred. CMOS is reinitialized.

**Detailed Description**
A CMOS checksum error has occurred resulting in an invalid BIOS configuration. BIOS configuration is reset to default settings.

**Recommended Response Action**
Go to the System Setup and configure the desired settings. Save and exit to apply the settings.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0070**

**Message**
One or more correctable PCIe errors have occurred.

**Detailed Description**
One or more correctable PCIe errors have occurred. Data about the errors are logged into SEL during the POST operation.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCIe device, and then update its firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0071

Message
One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled.

Detailed Description
One or more UEFI network interfaces is not available. The corresponding UEFI network devices are disabled.

Recommended Response Action
Connect the missing network interface card to the system and enable the UEFI network interface in System Setup.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

UEFI0072

Message
Unable to load the firmware from arg1 because of the Secure Boot policy.

Arguments
arg1 = device name

Detailed Description
When the Secure Boot feature is enabled, the system BIOS authenticates each UEFI driver against the Secure Boot policy. If a UEFI driver does not meet the policy criteria, the system BIOS does not load or execute the UEFI driver and displays this message at the end of POST. The Secure Boot policy consists of authorized and
unauthorized X.509 certificates; signed drivers must chain to an authorized certificate. The policy may also authorize hash values of individual UEFI driver images. Users can configure the Secure Boot feature and the Secure Boot policy in F2 System Setup > System BIOS > Security Settings page.

Recommended Response Action

If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) Make sure the firmware on the failing device is up-to-date. 2) If subsequent failures occur, review the Secure Boot Policy Summary in System Setup > System BIOS > Security Settings page. The device firmware must be authorized by a public key or hash value in the Authorized Signature Database. The public key or hash value must not be present in the Forbidden Signature Database.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

Remote System Log

WS Eventing

Redfish Eventing

LC Log

LCD

OS Log

Power Off

Power Cycle

Reset

Chassis Event Proxy

iDRAC ✔*

CMC

UEFI0073

Message

Unable to boot arg1 because of the Secure Boot policy.

Arguments

arg1 = Boot Option name

Detailed Description

When the Secure Boot feature is enabled, the system BIOS authenticates each boot option against the Secure Boot policy. If a boot option does not meet the policy criteria, the system BIOS does not boot to the boot option and displays this message. The Secure Boot policy consists of authorized and unauthorized X.509 certificates; signed boot images must chain to an authorized certificate. The policy may also authorize hash values of individual boot images. Users can configure the Secure Boot feature and the Secure Boot policy in System Setup > System BIOS > Security Settings page.

Recommended Response Action

If the Secure Boot feature is not desired, disable it in System Setup > System BIOS > Security Settings page. Otherwise, do the following: 1) review the Secure Boot Policy Summary in F2 System Setup > System BIOS > Security Settings page. The boot option must be authorized by a public key or hash value in the Authorized Signature Database. 2) If the boot option is not authorized but it can be trusted, enter System Setup > System BIOS > Security Settings page, set Secure Boot Policy to Custom, and add a entry for the boot option in the Authorized Signature.
The Secure Boot policy has been modified since the last time the system was started.

The system BIOS logs this message after detecting a change in Secure Boot policy settings. Such a change may result from user configuration or a system BIOS update. Changes to the following settings trigger this message: 1) Secure Boot (Enable/Disable) 2) Secure Boot Policy (Standard/Custom) 3) Platform Key 4) Key Exchange Keys 5) Authorized Signature Database (db) 6) Forbidden Signature Database (dbx).

Review the Secure Boot policy settings in System Setup > System BIOS > Security Settings page. If policy changes were expected, no action is necessary. Otherwise, modify the Secure Boot policy settings as needed.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
UEFI0075

**Message**  
Network Daughter Card 1 is not detected.

**Detailed Description**  
The Network Daughter Card 1 is not detected.

**Recommended Response Action**  
Install a Network Daughter Card in the system.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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UEFI0076

**Message**  
One or more Corrected Machine Check (CMC) errors have occurred.

**Detailed Description**  
A Corrected Machine Check error(s) has occurred.

**Recommended Response Action**  
Check the System Event Log (SEL) to identify the Corrected Machine Check (CMC) errors. Resolve the issue identified in the SEL that caused the CMC.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**UEFI0077**

**Message**
One or more PCIe device errors occurred in the previous boot.

**Detailed Description**
One or more PCIe device errors occurred in the previous boot.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCIe device with errors, and then update its firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0078**

**Message**
One or more Machine Check errors occurred in the previous boot.

**Detailed Description**
One or more Machine Check errors occurred in the previous boot.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the source of the Machine Check error and resolve the issues.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
### UEFI0079

**Message**
One or more Uncorrectable Memory errors occurred in the previous boot.

**Detailed Description**
One or more Uncorrectable Memory errors occurred in the previous boot.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the non-functional DIMM, and then replace the DIMM.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### UEFI0080

**Message**
PCle link speed is not optimal for \( \text{arg1} \). Expected link speed: Gen \( \text{arg2} \) and actual link speed: Gen \( \text{arg3} \).

**Arguments**
- \( \text{arg1} \) = PCIe device, \( \text{arg2} \) = generation number, \( \text{arg3} \) = generation number

**Detailed Description**
The PCIe link speed is not optimal for the identified PCIe device.

**Recommended Response Action**
Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.
### Category
System Health (UEFI = UEFI Event)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

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### iDRAC

### CMC

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### Message
Memory size has changed from the last time the system was started.

### Detailed Description
Memory size has changed from the last time the system was started. No action is required if memory was added or removed.

### Recommended Response Action
If the change is expected, no action is necessary. Otherwise, check the DIMM population inside the system and memory settings in System Setup for configuration changes. For more information, see the platform Owners Manual.

### Category
Configuration (UEFI = UEFI Event)

### Severity
Severity 2 (Warning)

### Redfish Event Type
Alert

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### iDRAC

### CMC

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### Message
The system was reset due to a timeout from the watchdog timer.

### Detailed Description
The system was reset due to a timeout from the watchdog timer.
**Recommended Response Action**: Check the System Event Log (SEL) or crash dumps from Operating System to identify the source that caused the watchdog timer reset. Update the firmware or driver for the identified device.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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**UEFI0083**

**Message**: One or more PCI System errors (SERR) have occurred.

**Detailed Description**: One or more PCI System errors (SERR) have occurred.

**Recommended Response Action**: Check the System Event Log (SEL) to identify the PCI device that caused the SERR. Update the identified device firmware. If the issue persists, contact your service provider.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

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### UEFI0084

**Message**
One or more PCI Parity errors (PERR) have occurred.

**Detailed Description**
One or more PCI Parity errors (PERR) have occurred.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the PCI device that caused the PERR. Update the identified device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0085

**Message**
One or more chipset errors have occurred.

**Detailed Description**
One or more chipset errors have occurred.

**Recommended Response Action**
Check the System Event Log (SEL) to identify the chipset error. Do one of the following: 1) Turn off the input power to the system and turn on again. 2) Update the PCIe device firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0086**

**Message**
Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on RDIMM memory slot: `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
Unsupported Small Outline Dual In-line Memory Module (SODIMM) memory is installed on the RDIMM memory slot identified in the message.

**Recommended Response Action**
Remove the unsupported SODIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0087**

**Message**
Unsupported 4Gb technology DIMM module is installed on memory slot: `arg1`.

**Arguments**
`arg1` = slot number

**Detailed Description**
Unsupported 4Gb technology DIMM module is installed on the memory slot identified in the message.

**Recommended Response Action**
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)
UEFI0088

Message
Unsupported 8Gb technology DIMM module is installed on memory slot: \textit{arg1}.

Arguments
\textit{arg1} = slot number

Detailed Description
Unsupported 8Gb technology DIMM module is installed on the memory slot identified in the message.

Recommended Response Action
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

UEFI0089

Message
Incompatible x16 data bus width DIMM is installed on memory slot: \textit{arg1}.

Arguments
\textit{arg1} = slot number

Detailed Description
Incompatible x16 data bus width DIMM is installed on the memory slot identified in the message.
Recommended Response Action
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0090

Message
A DIMM with an incompatible number of ranks is installed on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
A DIMM with an incompatible number of ranks is installed on the memory slot identified in the message.

Recommended Response Action
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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iDRAC ✔ *
CMC
UEFI0091

Message  A Quad-Rank (QR) DIMM is installed on memory slot: arg1. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel.

Arguments  arg1 = slot number

Detailed Description  A Quad-Rank (QR) DIMM is installed on the memory slot identified in the message. QR DIMMs should be installed on the first DIMM slot in a channel if there is only one QR DIMM in the channel. QR DIMMs cannot be installed on the third slot of the channel.

Recommended Response Action  Install the QR DIMM in the correct channel. For more information, see the platform Owners Manual.

Category  Configuration (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

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UEFI0092

Message  The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

Detailed Description  The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.

Recommended Response Action  Check the total number of ranks in each channel to make sure it does not exceed the maximum allowed limit. For more information, see the platform Owners Manual.

Category  Configuration (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert
UEFI0093

Message
The DIMM installed on the memory slot: arg1 does not meet the minimum supported frequency.

Arguments
arg1 = slot number

Detailed Description
The DIMM installed on the memory slot identified in the message does not meet the minimum supported frequency.

Recommended Response Action
Remove all unsupported DIMM modules from the system. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0094

Message
Unsupported Non-ECC memory module is installed on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
Unsupported Non-ECC memory module is installed on the memory slot identified in the message.
Recommended Response Action
Remove all Non-ECC DIMMs and replace them with ECC DIMMs. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>

**UEFI0095**

Message
A DIMM with unsupported voltage is installed on memory slot `arg1`.

Arguments
`arg1 = Slot`

Detailed Description
A DIMM with unsupported voltage is installed on the memory slot identified in the message.

Recommended Response Action
Remove the unsupported DIMM module and replace it with a DIMM with a supported voltage. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

<table>
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<tr>
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UEFI0096

Message
Unable to enable the Advanced ECC memory operating mode because the current DIMM population or system configuration does not support Advanced ECC mode.

Detailed Description
The Advanced ECC memory operating mode cannot be enabled because the current DIMM population or system configuration does not support Advanced ECC mode.

Recommended Response Action
Check DIMM population and system configuration to make sure Advanced ECC memory operating mode can be supported. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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UEFI0097

Message
Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations.

Detailed Description
The Advanced ECC memory operating mode cannot be enabled because of mismatches in the DIMM channel configurations.

Recommended Response Action
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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2278
The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: \texttt{arg1}. As a result, the corresponding DIMM has been disabled.

\textbf{Arguments} \hspace{1cm} \texttt{arg1} = slot number

\textbf{Detailed Description} The memory Built-In Self-test (BIST) has detected one or more errors on the DIMM installed on memory slot: \texttt{<slot number>}. As a result, the corresponding DIMM has been disabled.

\textbf{Recommended Response Action} Replace the DIMM module identified in the message. For more information, see the platform Owners Manual.

\textbf{Category} System Health (UEFI = UEFI Event)

\textbf{Severity} Severity 1 (Critical)

\textbf{Redfish Event Type} Alert

---

Unable to enable the Memory Mirroring feature because the current DIMM population or hardware configuration does not support the feature.

\textbf{Detailed Description} The Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

\textbf{Recommended Response Action} Check the DIMM population and hardware configuration to make sure the Memory Mirroring feature can be supported. For more information, see platform Owners Manual.

\textbf{Category} Configuration (UEFI = UEFI Event)

\textbf{Severity} Severity 2 (Warning)
UEFI0100

**Message**
Unable to enable the Memory Mirroring feature because of mismatches in the DIMM channel configurations.

**Detailed Description**
The Memory Mirroring feature cannot be enabled because of mismatches in the DIMM channel configurations.

**Recommended Response Action**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

UEFI0101

**Message**
Total amount of installed memory has exceeded limit.

**Detailed Description**
The total amount of installed memory has exceeded the amount supported by the platform.
Recommended Response Action

Remove memory modules from the system to reduce the total amount of installed memory. For more information on installed memory limit, see the platform Owners Manual.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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UEFI0102

Message

Unable to enable the Memory Sparing feature because the current DIMM population or hardware configuration does not support the feature.

Detailed Description

The Memory Sparing feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.

Recommended Response Action

Check the DIMM population and hardware configuration to make sure Memory Sparing feature can be supported. For more information, see the platform Owners Manual.

Category

Configuration (UEFI = UEFI Event)

Severity

Severity 2 (Warning)

Redfish Event Type

Alert

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</table>
**UEFI0103**

**Message**
One or more memory initialization errors have occurred on memory slot: \( arg1 \).

**Arguments**
\( arg1 = \text{slot} \)

**Detailed Description**
One or more memory initialization error have occurred on the memory slot identified in the message.

**Recommended Response Action**
Replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0104**

**Message**
The DIMM module on memory slot \( arg1 \) is populated out of order in the DIMM channel.

**Arguments**
\( arg1 = \text{slot} \)

**Detailed Description**
The DIMM module on memory slot identified in the message is populated out of order in the channel.

**Recommended Response Action**
Install DIMM modules in sequential order without skipping any slots in the channel.
For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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UEFI0105

Message       Unable to enable the Cluster on Die (COD) feature because of an unsupported memory configuration.
Detailed Description       The Cluster on Die (COD) feature cannot be enabled because of an unsupported memory configuration.
Recommended Response Action       Make sure to populate all memory channels in the system with a minimum of one DIMM per channel. For more information, see the platform Owners Manual.
Category       Configuration (UEFI = UEFI Event)
Severity       Severity 2 (Warning)
Redfish Event Type       Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---
iDRAC | ✔️ | | | | | |
CMC | | | | | | |

UEFI0106

Message       One or more memory correctable training errors have occurred on memory slot: arg1
Arguments       arg1 = slot
Detailed Description       One or more memory correctable training errors have occurred on the memory slot identified in the message.
Recommended Response Action       Remove input power to the system, reseat the DIMM module and restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.
Category       System Health (UEFI = UEFI Event)
Severity       Severity 2 (Warning)
Redfish Event Type       Alert
UEFI0107

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot

Detailed Description
One or more memory errors have occurred on the memory slot identified in the message. The error occurred during Read DQ/DQS initialization.

Recommended Response Action
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0108

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Read Receiving Enable initialization.
Recommended Response Action
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
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**UEFI0109**

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during write leveling initialization.

Recommended Response Action
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy |
-----------------|-----|--------|-----------|-------------|-------|---------------------|

```

iDRAC ✔️*          |            |            |             |           |                   |                  |
CMC                |            |            |             |           |                   |                  |

2285
One or more memory errors have occurred on memory slot: \textit{arg1}.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = slot

One or more memory errors have occurred on memory slot identified in the message. The error occurred during Write DQ/DQS initialization.

\textbf{Recommended Response Action} Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

\textbf{Category} System Health (UEFI = UEFI Event)

\textbf{Severity} Severity 1 (Critical)

\textbf{Redfish Event Type} Alert

---

One or more memory errors have occurred on memory slot: \textit{arg1}.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = slot

One or more memory errors have occurred on memory slot identified in the message. The error occurred during memory test.

\textbf{Recommended Response Action} Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

\textbf{Category} System Health (UEFI = UEFI Event)

\textbf{Severity} Severity 1 (Critical)

\textbf{Redfish Event Type} Alert
### UEFI0112

**Message**
One or more memory errors have occurred on memory slot: \( \text{arg1} \).

**Arguments**
\( \text{arg1} = \text{slot} \)

**Detailed Description**
One or more memory errors have occurred on memory slot identified in the message. The error occurred during the LRDIMM interface initialization.

**Recommended Response Action**
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, then replace the faulty memory module identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0113

**Message**
Unable to enable the Fault Resilient Memory (FRM) feature because the current DIMM population or hardware configuration does not support the feature.

**Detailed Description**
The Fault Resilient Memory (FRM) feature cannot be enabled because the current DIMM population or hardware configuration does not support the feature.
**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure the Memory Mirroring feature can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0114**

**Message**
Unable to enable the Fault Resilient Memory (FRM) operating mode because of mismatches in DIMM channel configurations.

**Detailed Description**
The Fault Resilient Memory (FRM) operating mode cannot be enabled because of mismatches in DIMM channel configurations.

**Recommended Response Action**
Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

<table>
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**UEFI0115**

Message: The Management Engine firmware has recovered from one or more correctable errors.

Detailed Description: The BIOS has recovered the Management Engine after it became unresponsive via the HECI interface. There is no performance degradation and the Management Engine is functioning normally now.

Recommended Response Action: The Management Engine is functioning normally now. No response action is required.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**UEFI0116**

Message: One or more boot drivers have reported issue(s).

Detailed Description: One or more boot drivers have reported issue(s) via the UEFI Driver Health Protocol.

Recommended Response Action: Check the Driver Health Menu in Boot Manager for details.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

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UEFI0117

Message: Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1.

Detailed Description: Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 1.

Recommended Response Action: Do one of the following: 1) Check the IDSDM or the SD card media. 2) Try reseat or replace the SD card media. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

---

UEFI0118

Message: Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2.

Detailed Description: Card identification signature is not present on Internal Dual Secure Digital Module (IDSDM) SD card 2.

Recommended Response Action: Do one of the following: 1) Check the IDSDM or the SD card media. 2) Try reseat or replace the SD card media. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert
**UEFI0119**

**Message**
The Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost.

**Detailed Description**
Internal Dual Secure Digital Module (IDSDM) RAID redundancy was lost. The system BIOS should have prompted the user for the rebuild process.

**Recommended Response Action**
No additional response action is required if you have followed the instructions on the screen to start the rebuild process.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0120**

**Message**
Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding.

**Detailed Description**
Both of the Internal Dual Secure Digital Module (IDSDM) SD card media are missing, or not responding.

**Recommended Response Action**
Make sure both the SD card media are properly installed and retry the system start up. If the issue persists, replace the SD card media.

**Category**
System Health (UEFI = UEFI Event)
**UEFI0121**

**Message**
The primary SD card is missing, not responding, or in write-protected mode.

**Detailed Description**
The primary SD card is missing, not responding, or in write-protected mode.

**Recommended Response Action**
Do one of the following: 1) Install a SD card media in the primary SD card slot. 2) Reseat or replace the SD card media. 3) If write-protected mode is expected, then no response action is required.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0122**

**Message**
The secondary SD card is missing, not responding, or in write-protected mode.

**Detailed Description**
The secondary SD card is missing, not responding, or in write-protected mode.
Recommended Response Action
Do one of the following: 1) Install a SD card media in the secondary SD card slot. 2) Reseat or replace the SD card media. 3) If the secondary SD card is intentionally not installed or write-protected mode is expected, then no response action is required.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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**UEFI0123**

Message
The secondary SD card has now become the primary SD card.

Detailed Description
The secondary SD card has now become the primary SD card.

Recommended Response Action
Check the screen display or the Lifecycle Log for prior messages. If the switch is expected, then no response action is required.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**UEFI0124**

**Message**  
The size and speed of the secondary SD card do not match those of the primary SD card.

**Detailed Description**  
The size and speed of the primary SD card do not match those of the secondary SD card. The secondary SD card needs to have equal or greater capacity and speed than the primary SD card.

**Recommended Response Action**  
Replace the secondary SD card with one that has equal or greater capacity and speed than the primary SD card.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**UEFI0125**

**Message**  
Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues.

**Detailed Description**  
Unable to finish The Internal Dual Secure Digital Module (IDSDM) image rebuild process because of issues.

**Recommended Response Action**  
Do one of the following: 1) Reseat or replace the SD card media. 2) Update the iDRAC firmware. Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**UEFI0126**

**Message**  The primary SD card is in write-protected mode.

**Detailed Description**  The primary SD card is in write-protected mode.

**Recommended Response Action**  No response action is required if this is intentional.

**Category**  Configuration (UEFI = UEFI Event)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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**UEFI0127**

**Message**  The secondary SD card is in write-protected mode.

**Detailed Description**  The secondary SD card is in write-protected mode.

**Recommended Response Action**  No response action is required if this is intentional.

**Category**  Configuration (UEFI = UEFI Event)

**Severity**  Severity 3 (Informational)

**Redfish Event Type**  Alert

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Both the primary and secondary SD cards are in write-protected mode.

Both the primary and secondary SD cards are in write-protected mode.

No response action is required if this is intentional.

Configuration (UEFI = UEFI Event)

Severity 3 (Informational)

Alert

The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue.

The Internal Dual Secure Digital Module (IDSDM) has encountered an unknown issue. This may be because new error codes are coming from the IDSDM firmware and the system BIOS or the iDRAC firmware need to be updated to process correctly.
**Recommended Response Action**

Do one of the following: 1) Update the system BIOS. 2) Update the iDRAC firmware. 3) Reseat or replace the SD card media. Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

**Redfish Event Type**

Alert

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**UEFI0130**

**Message**

The system time and date are invalid.

**Detailed Description**

The system time and date are invalid.

**Recommended Response Action**

Go to the System Setup to set the current time and date.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 2 (Warning)

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**UEFI0131**

**Message**

Unable to load one or more option ROMs because of insufficient shadow memory.
Detailed Description: Unable to load one or more option ROMs because of insufficient shadow memory. The option ROM shadow memory is located between C0000h and F0000h.

Recommended Response Action:
Do one of the following: 1) Remove unused PCIe card(s) to free up option ROM space. 2) Disable unused boot protocol instances (such as PXE, iSCSI, etc.) from applicable PCIe card(s) option ROM configurations. 3) If possible, install and run the Operating System in UEFI boot mode.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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**UEFI0132**

Message: Unable to load one or more option ROMs because of insufficient base memory.

Detailed Description: Unable to load one or more option ROMs because of insufficient base memory. The base memory is memory below 640K.

Recommended Response Action:
Do one of the following: 1) Remove unused PCIe card(s) to free up option ROM space. 2) Disable unused boot protocol instances (such as PXE, iSCSI, etc.) from applicable PCIe card(s) option ROM configurations. 3) If possible, install and run the Operating System in UEFI boot mode.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

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### UEFI0133

**Message**: Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings.  
**Detailed Description**: Unable to perform PXE boot because the VLAN settings conflict with that of the iSCSI device settings.  
**Recommended Response Action**: Do one of the following: 1) Go to System Setup and change the VLAN configuration for the PXE device to match that of the iSCSI device. Either both devices must be configured with VLAN enabled or both devices must be configured with VLAN disabled. 2) Change the PXE device interface setting to use a different NIC interface than the NIC interface used by the iSCSI device.  
**Category**: Configuration (UEFI = UEFI Event)  
**Severity**: Severity 2 (Warning)  
**Redfish Event Type**: Alert

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### UEFI0134

**Message**: Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory.  
**Detailed Description**: Unable to allocate Memory Mapped Input Output (MMIO) resources for one or more PCIe devices because of insufficient MMIO memory.  
**Recommended Response Action**: Do one of the following: 1) Remove unused PCIe card(s) to free up MMIO space. 2) Go to System Setup and enable the Memory Mapped I/O above 4GB option.  
**Category**: Configuration (UEFI = UEFI Event)  
**Severity**: Severity 2 (Warning)  
**Redfish Event Type**: Alert
UEFI0135

Message
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by LC partition attach issues.

Recommended Response Action
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

UEFI0136

Message
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

Detailed Description
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by missing LC partitions.
**Recommended Response Action**: Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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**UEFI0137**

**Message**: Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was not accessible.

**Detailed Description**: The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware was not accessible. This issue is caused by missing LC files.

**Recommended Response Action**: Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

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2301
**UEFI0138**

**Message**
Unable to execute CSIOR (Collect System Inventory on Restart) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

**Detailed Description**
The CSIOR (Collect System Inventory on Restart) operation cannot be executed because the Lifecycle Controller (LC) firmware is unable to complete a requested task or function.

**Recommended Response Action**
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0139**

**Message**
Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

**Detailed Description**
The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by LC partition attach issues.

**Recommended Response Action**
Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert
Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was not accessible.

The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was not accessible. This situation is caused by missing LC partitions.

Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

System Health (UEFI = UEFI Event)

Severity 2 (Warning)

Alert
**Recommended Response Action**: Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category** System Health (UEFI = UEFI Event)

**Severity** Severity 2 (Warning)

**Redfish Event Type** Alert

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**UEFI0142**

**Message** Unable to enter System Service Mode (SSM) because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

**Detailed Description** The System Service Mode (SSM) cannot be entered because the Lifecycle Controller (LC) firmware was unable to complete a requested task or function.

**Recommended Response Action** Do one of the following: 1) Restart the system and retry the operation. 2) Update the iDRAC firmware. If the issue persists, contact your service provider.

**Category** System Health (UEFI = UEFI Event)

**Severity** Severity 2 (Warning)

**Redfish Event Type** Alert

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**UEFI0143**

**Message** Unsupported processor(s) are installed.
Detailed Description
Unsupported processor(s) are installed.

Recommended Response Action
Replace the processor(s) with supported ones. For more information about supported processors, contact your service provider.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0144

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot ID

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error happens during the identification of memory module type or memory size.

Recommended Response Action
Remove input power to the system, reseat the DIMM module and restart the system. If the issues persist, replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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2305
**UEFI0145**

**Message**
The Trusted Platform Module (TPM) installed on this system is not supported.

**Detailed Description**
The Trusted Platform Module (TPM) installed on this system is not supported.

**Recommended Response Action**
Do one of the following: 1) Update the BIOS firmware. 2) Replace the TPM with a supported one. If the issue persists, contact your service provider.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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**UEFI0146**

**Message**
Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result.

**Detailed Description**
Unable to verify the chassis type via iDRAC and CMC. System configuration may be incorrect as a result.

**Recommended Response Action**
Do one of the following: 1) Restart the system. 2) Update the iDRAC firmware and then restart the system. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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2306
### UEFI0147

**Message**
The system hardware or cabling configuration is invalid.

**Detailed Description**
The system hardware or cabling configuration is invalid.

**Recommended Response Action**
Do the following: 1) Make sure the system cables, risers, and CPU configuration are installed correctly. 2) Reseat each PCIe riser and reconnect the cables. For more information, see the system Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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### UEFI0148

**Message**
The SAS cable `arg1` for the primary SAS expander daughter card is missing or misconfigured.

**Arguments**
`arg1` = label number

**Detailed Description**
The SAS cable for the primary SAS expander daughter card is missing or misconfigured.

**Recommended Response Action**
Check the cable configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**Message**

The PERC storage adapter in `arg1` is not supported by the installed storage backplane.

**Arguments**

`arg1` = device location

**Detailed Description**

The PERC storage adapter identified in this message is not supported by the installed storage backplane.

**Recommended Response Action**

Install a compatible storage adapter. For more information, see the platform Owners Manual.

**Category**

Configuration (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

---

**Message**

The system has detected a storage backplane that is not supported in this system or configuration. The backplanes functionality may be degraded or disabled.

**Detailed Description**

The system has detected a storage backplane that is not supported in this system or configuration. The backplanes functionality may be degraded or disabled.

**Recommended Response Action**

Install a supported backplane configuration. For more information, see the platform Owners Manual.
**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**LC Log**  
- LC Log
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event
- Proxy

**UESF0151**

**Message**  
A PERC storage adapter is installed in `arg1` but the internal storage slot is empty. This configuration is not supported.

**Arguments**  
`arg1` = slot number

**Detailed Description**  
A PERC storage adapter is installed in a slot identified by this message but the internal storage slot is empty. This configuration is not supported.

**Recommended Response Action**  
Install a compatible storage adapter in the internal storage slot. For more information, see the platform Owners Manual.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**UESF0152**

**Message**  
This BIOS is for testing purpose only.
This is a test BIOS and must not be used in production environment.

Do not use this BIOS in production.

Audit (UEFI = UEFI Event)
Severity 2 (Warning)
Alert

Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license. Related DPAT BIOS settings will be lost if the license is not found in three consecutive reboots.

Unable to find the Dell Processor Acceleration Technology 2.0 (DPAT 2.0) Enterprise license. Related DPAT 2.0 BIOS settings will be lost if the license is not found in three consecutive reboots.

Do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

System Health (UEFI = UEFI Event)
Severity 1 (Critical)
Alert
UEFI0154

**Message**
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Dell Controlled Turbo BIOS setup configuration is being reverted to default because of the absent license.

**Detailed Description**
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Dell Controlled Turbo BIOS setup configuration is being reverted to default because of the absent license.

**Recommended Response Action**
If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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UEFI0155

**Message**
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Number of Cores per Processor BIOS setup configuration is being reverted to default because of the absent license.

**Detailed Description**
Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license after three consecutive boots. The Number of Cores per Processor BIOS setup configuration is being reverted to default because of the absent license.

**Recommended Response Action**
If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.
for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

Category System Health (UEFI = UEFI Event)
Severity Severity 1 (Critical)
Redfish Event Type Alert

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**UEFI0156**

**Message** Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license in three consecutive boots. The Number of Cores per Processor and the Dell Controlled Turbo BIOS setup options are being reverted to default because of the absent license.

**Detailed Description** Unable to find the Dell Processor Acceleration Technology (DPAT) Enterprise license in three consecutive boots. The Number of Cores per Processor and the Dell Controlled Turbo BIOS setup options are being reverted to default because of the absent license.

**Recommended Response Action** If the absence of license is expected, no action is necessary. Otherwise do one of the following: 1) Reload the license. 2) Remove input power from the system, wait for 30 seconds, and re-apply input power. Turn on the system. 3) Update the iDRAC firmware.

Category System Health (UEFI = UEFI Event)
Severity Severity 1 (Critical)
Redfish Event Type Alert

<table>
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### UEFI0157

**Message**
The iDRAC request to reset BIOS to default settings is successfully completed.

**Detailed Description**
The request to reset BIOS to default settings is successfully completed.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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### UEFI0158

**Message**
Unable to complete the iDRAC request to reset BIOS to default settings.

**Detailed Description**
The iDRAC request to reset BIOS to default settings cannot be completed.

**Recommended Response Action**
Restart the system and retry the operation. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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</table>
**UEFI0159**

**Message**  
Unsupported Unregistered Dual In-line Memory Module (UDIMM) memory is installed on memory slot: arg1

**Arguments**  
arg1 = slot number

**Detailed Description**  
Unsupported 4Gb technology DIMM module is installed on the memory slot identified in the message.

**Recommended Response Action**  
Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

---

**UEFI0160**

**Message**  
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit on memory slots: arg1.

**Arguments**  
arg1 = slot numbers

**Detailed Description**  
The number of DIMM ranks has exceeded the maximum allowed ranks per channel limit.
Recommended Response Action: Check the total number of ranks in the channel to make sure it does not exceed the maximum allowed limit. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**Message**: An unsupported DIMM population has been detected on memory slots: \textit{arg1}.

**Arguments**: \textit{arg1} = slot numbers

**Detailed Description**: An unsupported DIMM population has been detected on memory slots identified by this message.

**Recommended Response Action**: Remove all unsupported DIMM modules from the system. For more information, see the platform Owners Manual.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert
UEFI0162

Message  A 3 DIMM Per Channel (DPC) configuration has been detected on a 2 DPC memory buffer.

Detailed Description  An incompatibility has been detected between an installed memory buffer and the downstream DDR channel design.

Recommended Response Action  Contact your service provider.

Category  Configuration (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

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UEFI0163

Message  Unsupported DIMM module with less than 2Gb technology is installed on memory slot: arg1.

Arguments  arg1 = slot number

Detailed Description  Unsupported DIMM module with technology less than 2Gb is installed on the memory slot identified in the message.

Recommended Response Action  Remove the unsupported DIMM module from the identified memory slot and replace it with a supported module. For more information, see the platform Owners Manual.

Category  Configuration (UEFI = UEFI Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

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Message: Unable to enable the Advanced ECC memory operating mode because of mismatches in the DIMM channel configurations on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: The Advanced ECC memory operating mode cannot be enabled because of mismatches in the DIMM channel configurations.

Recommended Response Action: Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

Message: Unable to configure memory interleaving on DIMM modules on memory slots: arg1.

Arguments: arg1 = slot numbers

Detailed Description: Memory could not be interleaved because the number of allowable System Address Decode (SAD) rules exceeded during memory initialization.

Recommended Response Action: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

Category: Configuration (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
**UEFI0166**

**Message**
Unable to configure memory interleaving on DIMM modules on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
Memory could not be interleaved because the number of allowable Target Address Decode (TAD) rules exceeded during memory initialization.

**Recommended Response Action**
Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0167**

**Message**
Unable to configure memory interleaving on DIMM modules on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
Memory could not be interleaved because the number of allowable Rank Interleave Register (RIR) rules exceeded during memory initialization.
**Recommended Response Action**: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

---

**Message**: Unable to configure memory interleaving on DIMM modules on memory slots: \( arg1 \).

**Arguments**: \( arg1 = \) slot numbers

**Detailed Description**: Memory could not be interleaved because a negative Target Address Decode (TAD) offset was calculated during memory initialization.

**Recommended Response Action**: Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

**Redfish Event Type**: Alert

---
UEFI0169

Message	Unable to configure memory interleaving on DIMM modules on memory slots: arg1.
Arguments	arg1 = slot numbers
Detailed Description	Memory could not be interleaved because low memory (i.e. memory below the 4GB boundary) cannot be split evenly across processor sockets during memory initialization.
Recommended Response Action	Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.
Category	Configuration (UEFI = UEFI Event)
Severity	Severity 1 (Critical)

Redfish Event Type	Alert

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UEFI0170

Message	Unable to configure memory interleaving on DIMM modules on memory slots: arg1.
Arguments	arg1 = slot numbers
Detailed Description	Memory could not be interleaved because of an attempt to simultaneously configure incompatible A7 mode and Target Address Decode (TAD) 3-way interleave during memory initialization.
Recommended Response Action	Check the DIMM population and hardware configuration to make sure interleaving can be supported. For more information, see the platform Owners Manual.
Category	Configuration (UEFI = UEFI Event)
Severity	Severity 1 (Critical)

Redfish Event Type	Alert
## UEFI0171

**Message**
A Dual Rank DIMM module is installed on memory slot arg1 after a Single Rank DIMM module.

**Arguments**
- **arg1** = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Dual Rank DIMM modules must be installed before Single Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

## UEFI0172

**Message**
A Quad Rank DIMM module is installed on memory slot arg1 after a Single Rank DIMM module.

**Arguments**
- **arg1** = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.
**Recommended Response Action**
Quad Rank DIMM modules must be installed before Single Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0173**

**Message**
A Quad Rank DIMM module is installed on memory slot arg1 after a Dual Rank DIMM module.

**Arguments**
arg1 = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Quad Rank DIMM modules must be installed before Dual Rank DIMM modules on the channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0174**

**Message**
A Quad Rank DIMM module is installed on memory slot `arg1` after an Octal Rank DIMM module.

**Arguments**
`arg1` = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Quad Rank and Octal Rank DIMM modules cannot be mixed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**CMC**

**LC Log**
- LCD
- OS Log
- Power Off
- Power Cycle
- Reset
- Chassis Event Proxy

**Remote System Log**
- Yes

**Chassis Event Proxy**
- Yes

**UEFI0175**

**Message**
A Octal Rank DIMM module is installed on memory slot `arg1` after a Quad Rank DIMM module.

**Arguments**
`arg1` = slot number

**Detailed Description**
A memory population violation has been detected on the identified DIMM slot.

**Recommended Response Action**
Quad Rank and Octal Rank DIMM modules cannot be mixed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
Multiple Quad Rank DIMM modules are installed on a DDR channel. Refer to DIMM modules on memory slots: arg1.

A memory population violation has been detected on the identified DIMM slots. Only a single Quad Rank DIMM module can be installed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

A memory population violation has been detected on the identified DIMM slot. A DIMM module is installed on memory slot arg1 after a Quad Rank DIMM module.
Recommended Response Action
Only a single Quad Rank DIMM module can be installed on a channel. Populate memory modules in a supported configuration. For more information, see the platform Owners Manual.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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iDRAC ✔
CMC

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LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

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iDRAC ✔
CMC

UEFI0178

Message
One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Read DQ/DQS error was detected.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

Filter Visibility IPMI Alert SNMP Alert Email Alert Remote System Log WS Eventing Redfish Eventing

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iDRAC
CMC

---
LC Log LCD OS Log Power Off Power Cycle Reset Chassis Event Proxy

---
iDRAC ✔
CMC

2325
UEFI0179

Message
One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Read Receive Enable error was detected.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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UEFI0180

Message
One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Write Leveling error was detected.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert
UEFI0181

Message
One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Write DQ/DQS error was detected.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

UEFI0182

Message
One or more memory correctable training errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory correctable training errors have occurred on the memory slot identified in the message. A corrected Early Vref Centering error was detected.
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the correctable error persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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UEFI0183

Message
One or more memory errors have occurred on memory slot: arg1.

Arguments
arg1 = slot number

Detailed Description
One or more memory errors have occurred on memory slot identified in the message. The error occurred during Early Vref Centering initialization.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0184

Message: One or more memory errors have occurred on memory slot: arg1.
Arguments: arg1 = slot number
Detailed Description: One or more memory errors have occurred on memory slot identified in the message. The error occurred during Load Reduced DIMM (LR-DIMM) buffer initialization.
Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
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iDRAC | ✔ | | | | | |
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UEFI0185

Message: Load Reduced DIMM (LR-DIMM) training errors have occurred on memory riser arg1.
Arguments: arg1 = riser letter
Detailed Description: A Load-Reduced DIMM (LR-DIMM) buffer initialization failure was detected during memory initialization.
Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.
Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert
**UEFI0186**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Clock Detection phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0187**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Clock Detection phase.
**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**Message**

An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser \textit{arg1}.

**Arguments**

\textit{arg1} = riser letter

**Detailed Description**

An error occurred during Scalable Memory Interconnect initialization during the Host Impedance phase.

**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**UEFI0188**

**Message**

An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser \textit{arg1}.

**Arguments**

\textit{arg1} = riser letter

**Detailed Description**

An error occurred during Scalable Memory Interconnect initialization during the Host Impedance phase.

**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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2331
UEFI0189

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Transmit DQS DCC phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

Filter Visibility

IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing

iDRAC ✔
CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

iDRAC ✔
CMC

UEFI0190

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Clock DCC Training phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert
Message  An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.
Arguments  \( \text{arg1} = \text{riser letter} \)
Detailed Description  An error occurred during Scalable Memory Interconnect initialization during the VCK Reference Clock phase.
Recommended Response Action  Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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**UEFI0193**

**Message**

An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**

arg1 = riser letter

**Detailed Description**

An error occurred during Scalable Memory Interconnect initialization during the Coarse Command Training phase.

**Recommended Response Action**

Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**

System Health (UEFI = UEFI Event)

**Severity**

Severity 1 (Critical)

**Redfish Event Type**

Alert

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2334
**UEFI0194**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Fine Command Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0195**

**Message**
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

**Arguments**
arg1 = riser letter

**Detailed Description**
An error occurred during Scalable Memory Interconnect initialization during the Read Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
UEFI0196

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Error Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0197

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Read Level Coarse Training phase.
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

---

**UEFI0198**

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments
arg1 = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Read Level Fine Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

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2337
UEFI0199

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser `arg1`.

Arguments
`arg1` = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Write Level Fine Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0200

Message
An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser `arg1`.

Arguments
`arg1` = riser letter

Detailed Description
An error occurred during Scalable Memory Interconnect initialization during the Write Level Coarse Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
UEFI0201

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Write Training phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

UEFI0202

Message: An error occurred during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Scalable Memory Interconnect initialization during the Health Check phase.
Recommended Response Action  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.

Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

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UEFI0203

Message  A failing memory buffer has been detected during Scalable Memory Interconnect (SMI) initialization on memory riser arg1.
Arguments  
arg1 = riser letter
Detailed Description  A failing memory buffer has been identified on the memory riser identified in the message.
Recommended Response Action  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module identified in the message.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

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**UEFI0204**

**Message**  
An error occurred during DDR memory channel initialization on memory slots: \textit{arg1}.

**Arguments**  
\textit{arg1} = slot numbers

**Detailed Description**  
An error occurred during DDR memory initialization during the Clock Training FIFO Reset phase.

**Recommended Response Action**  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

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**UEFI0205**

**Message**  
An error occurred during DDR memory channel initialization on memory slots: \textit{arg1}.

**Arguments**  
\textit{arg1} = slot numbers

**Detailed Description**  
An error occurred during DDR memory initialization during the Command Clock Training - Group 0 phase.

**Recommended Response Action**  
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Command Clock Training - Group 1 phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Command Clock Training - Group 2 phase.
Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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**UEFI0208**

**Message**: An error occurred during DDR memory channel initialization on memory slots: *arg1*.

**Arguments**: *arg1* = slot numbers

**Detailed Description**: An error occurred during DDR memory initialization during the Command Clock Training - Group All phase.

**Recommended Response Action**: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**: System Health (UEFI = UEFI Event)

**Severity**: Severity 1 (Critical)

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2343
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UEFI0209

Message An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments arg1 = slot numbers

Detailed Description An error occurred during DDR memory initialization during the Transmit Buffer Per Bit Deskew Training phase.

Recommended Response Action Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category System Health (UEFI = UEFI Event)

Severity Severity 1 (Critical)

Redfish Event Type Alert

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UEFI0210

Message An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments arg1 = slot numbers

Detailed Description An error occurred during DDR memory initialization during the Receive Buffer Vref Training phase.

Recommended Response Action Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category System Health (UEFI = UEFI Event)

Severity Severity 1 (Critical)

Redfish Event Type Alert
UEFI0211

Message
An error occurred during DDR memory channel initialization on memory slots: \texttt{arg1}.

Arguments
\texttt{arg1} = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Transmit Buffer Vref Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
Recommended Response Action

Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0213**

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Basic Read DQ/DQS Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0214

Message  An error occurred during DDR memory channel initialization on memory slots: arg1.
Arguments  arg1 = slot numbers
Detailed Description  An error occurred during DDR memory initialization during the Basic Receive Enable Training phase.
Recommended Response Action  Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

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UEFI0215

Message  An error occurred during DDR memory channel initialization on memory slots: arg1.
Arguments  arg1 = slot numbers
Detailed Description  An error occurred during DDR memory initialization during the Basic Write Level Training phase.
Recommended Response Action  Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
UEFI0216

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Late Command Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

UEFI0217

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Basic Write DQ/DQS Training phase.
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0218**

Message
An error occurred during DDR memory channel initialization on memory slots: *arg1*.

Arguments
*arg1* = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Write Timing Centering 2D Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0219**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Read Timing Centering 2D Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0220**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Write Voltage Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0221**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Read Voltage Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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**UEFI0223**

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Receive Buffer Per Bit Deskew Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0224

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Transmit Buffer Per Bit Deskew Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC
CMC

LC Log
LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

iDRAC ✔
CMC

UEFI0225

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the DDR4 LR-DIMM Receive Buffer Training phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert
### UEFI0226

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the DDR4 LR-DIMM Transmit Buffer Training phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

### UEFI0227

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Configuration Read phase.
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0228

Message
An error occurred during DDR memory channel initialization on memory slots: arg1.

Arguments
arg1 = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Configuration Write phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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2355
UEFI0229

Message: An error occurred during DDR memory channel initialization on memory slots: \texttt{arg1}.

Arguments: \texttt{arg1} = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Calibration phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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UEFI0230

Message: An error occurred during DDR memory channel initialization on memory slots: \texttt{arg1}.

Arguments: \texttt{arg1} = slot numbers

Detailed Description: An error occurred during DDR memory initialization during the Memory Buffer Receive Enable Training - Calculation phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

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## UEFI0231

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1 = slot numbers`

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Configuration Read phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

## UEFI0232

**Message**
An error occurred during DDR memory channel initialization on memory slots: `arg1`.

**Arguments**
`arg1 = slot numbers`

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Configuration Write phase.
Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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UEFI0233

Message
An error occurred during DDR memory channel initialization on memory slots: *arg1*.

Arguments
*arg1* = slot numbers

Detailed Description
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - FIFO Reset phase.

Recommended Response Action
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

Category
System Health (UEFI = UEFI Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

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2358
**UEFI0234**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \(*arg1*\).

**Arguments**
\(*arg1* = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Memory Test phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
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**UEFI0235**

**Message**
An error occurred during DDR memory channel initialization on memory slots: \(*arg1*\).

**Arguments**
\(*arg1* = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Memory Buffer Write Leveling Training - Calibration phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
**UEFI0236**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Write DQ/DQS Training - FIFO Reset phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0237**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Write DQ/DQS Training - Memory Test phase.
**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0238**

**Message**
An error occurred during DDR memory channel initialization on memory slots: arg1.

**Arguments**
arg1 = slot numbers

**Detailed Description**
An error occurred during DDR memory initialization during the Write DQ/DQS Training - Calibration phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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UEFI0239

**Message**
An error occurred during DDR memory channel initialization on memory slots: \( \textit{arg1} \).

**Arguments**
\( \textit{arg1} = \text{slot numbers} \)

**Detailed Description**
An error occurred during DDR memory initialization during the Write DQ/DQS Training - Calculation phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the DIMM module and 3) Restart the system. If the issue persists, then replace the faulty memory module(s) identified in the message.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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**UEFI0240**

**Message**
An error occurred during Voltage Regulator (VR) initialization on memory riser \( \textit{arg1} \).

**Arguments**
\( \textit{arg1} = \text{riser letter} \)

**Detailed Description**
An error occurred during Memory Voltage Regulator initialization during the VR0 SVID Ramp phase.

**Recommended Response Action**
Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert
CONSOLE MESSAGE

Message: An error occurred during Voltage Regulator (VR) initialization on memory riser arg1.

Arguments: arg1 = riser letter

Detailed Description: An error occurred during Memory Voltage Regulator initialization during the VR1 SVID Ramp phase.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

UEFI0242

Message: Unable to enable the requested Partial Mirror size of arg1 GB due to the current DIMM population or hardware configuration does not support the requested size. arg2 GB was allocated instead.

Arguments: arg1 = requested memory size, arg2 = allocated memory size

Detailed Description: The Partial Memory Mirroring feature cannot be enabled because the current DIMM population or hardware configuration does not support the requested size.
Recommended Response Action: Check the DIMM population and hardware configuration to make sure the requested Partial Mirror size can be supported. For more information, see platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---

**UEFI0243**

**Message**: Scalable Memory Interconnect (SMI) operating at reduced width on memory riser arg1.

**Arguments**: arg1 = riser letter

**Detailed Description**: The Scalable Memory Interconnect (SMI) channel identified in the message is operating at a degraded width. This allows continued uptime although indicates an error condition requiring further investigation. This maybe an early indication of upcoming memory riser failure.

**Recommended Response Action**: Do the following: 1) Remove input power to the system, 2) Reseat the memory riser and 3) Restart the system. For more information, see the platform Owners Manual.

Category: System Health (UEFI = UEFI Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

---
### UEFI0244

**Message**
Quick Path Interconnect (QPI) links are operating in slow speed mode.

**Detailed Description**
Quick Path Interconnect (QPI) links failed to come up to full operating frequency.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

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</tbody>
</table>

### UEFI0245

**Message**
Quick Path Interconnect (QPI) link initialization error detected.

**Detailed Description**
Quick Path Interconnect (QPI) initialization failed to configure all installed processors to the maximum common frequency.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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<tr>
<td>iDRAC</td>
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</tbody>
</table>

2365
UESI0246

Message   Quick Path Interconnect (QPI) initialization error detected.
Detailed  Description  Quick Path Interconnect (QPI) initialization encountered a programmatic error.
Recommended  Response Action  Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

UESI0247

Message   Quick Path Interconnect (QPI) initialization error detected.
Detailed  Description  Quick Path Interconnect (QPI) initialization encountered a programmatic error. The requested Memory Mapped IO (MMIOH) size is not supported. MMIOH allocation was forced instead.
Recommended  Response Action  Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.
Category  System Health (UEFI = UEFI Event)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert
**UEFI0248**

**Message**
Quick Path Interconnect (QPI) initialization error detected on processor `arg1`.

**Arguments**
`arg1` = processor number

**Detailed Description**
Quick Path Interconnect (QPI) initialization encountered a programmatic error. A resource allocation was forced because resources were not requested for the identified processor.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

**Category**
System Health (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

---

**UEFI0249**

**Message**
Quick Path Interconnect (QPI) initialization error detected.

**Detailed Description**
Quick Path Interconnect (QPI) initialization encountered a programmatic error. A requested resource could not be allocated. Resource was forced to maximum possible value instead.

**Recommended Response Action**
Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.
Message: Quick Path Interconnect (QPI) initialization error detected.

Detailed Description: Quick Path Interconnect (QPI) initialization encountered a programmatic error. The Legacy VGA range processor target is not populated. Decode was forced to the Legacy CPU socket.

Recommended Response Action: Reseat all processors in the system and ensure all processors are matching. If the issue persists, contact your service provider.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
A memory riser was detected behind an empty processor socket. Memory must be installed behind a populated processor socket in order to be recognized by the system and available for usage. Check to make sure processors and memory are installed in a supported configuration.

Do the following: 1) Remove input power to the system, 2) Populate processors and memory in a supported configuration and 3) Restart the system. For more information, see the platform Owners Manual.

Recommended Response Action

System Health (UEFI = UEFI Event)

Severity 2 (Warning)

Alert

Category

Redfish Event Type

Filter Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔

CMC

LC Log

LCD
OS Log
Power Off
Power Cycle
Reset
Chassis Event Proxy

UEFI0252

Unable to boot a boot option because the watchdog timer has expired. System will reset.

The watchdog timer is armed before the BIOS boot manager invokes an UEFI boot option. The watchdog is set to a period of 5 minutes. The Operating System boot loader from the boot option is required to disable the watchdog timer after it is successfully loaded, otherwise the system will reset if the timer expires.

Check the boot option image and boot loader. Update them to the latest version if possible.

System Health (UEFI = UEFI Event)

Severity 2 (Warning)

Alert

Filter Visibility

IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC

CMC
Unable to enable NUMA Fault Resilient Memory (FRM) feature due to the current configuration does not support it.

Unable to enable NUMA Fault Resilient Memory (FRM) feature due to the current configuration does not support it.

Check the DIMM population and hardware configuration to make sure NUMA FRM feature can be supported. For more information, see platform Owners Manual.

Check the DIMM population and hardware configuration to make sure NUMA FRM feature can be supported. For more information, see platform Owners Manual.

Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see platform Owners Manual.

Make sure identical memory modules in corresponding slots of channel pairs are populated. For more information, see platform Owners Manual.
**UEFI0255**

**Message**
Network Daughter Card 1 and Network Daughter Card 2 in the system do not match.

**Detailed Description**
Network Daughter Card 1 and Network Daughter Card 2 in the system do not match.

**Recommended Response Action**
Check the Network Daughter Cards and make sure they are the same type.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

---

**UEFI0256**

**Message**
Unable to allocate legacy I/O resources for one of more PCIe devices because the legacy I/O space limit was reached.

**Detailed Description**
Unable to allocate legacy I/O resources for one of more PCIe devices because the legacy I/O space limit was reached. The legacy I/O space limit is 64K.

**Recommended Response Action**
Do one of the following and retry the operation: 1) Remove unused PCIe cards to free up legacy I/O space. 2) Go to System Setup and disable unused PCIe cards to free up legacy I/O space.
**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
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</table>

**Message**
Unable to boot to Service Partition because the target Service Partition was not found in the boot list.

**Detailed Description**
Cannot boot to Service Partition because the target Service Partition was not found in the boot list.

**Recommended Response Action**
Retry the operation. If the issue persists, do one of the following and retry the operation: 1) Update the system BIOS. 2) Update the iDRAC firmware.

**Category**  
System Health (UEFI = UEFI Event)

**Severity**  
Severity 1 (Critical)

**Redfish Event Type**  
Alert

**Filter Visibility**
- IPMI Alert
- SNMP Alert
- Email Alert
- Remote System Log
- WS Eventing
- Redfish Eventing

**Visibility**
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- SNMP Alert
- Email Alert
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</table>

**UEFI0258**

**Message**
An issue is observed on the Hard-drive/SSD backplane.

**Detailed Description**
An issue is observed on the Hard-drive/SSD backplane.
Recommended Response Action: Do one of the following: 1) Make sure the correct type of Hard-drive/SSD backplane is installed. 2) Check the configuration of Hard-drive/SSD backplane and make sure its power cable is connected. Restart the system and retry the operation. If the issue persists, contact your service provider.

Category: Configuration (UEFI = UEFI Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

---

**UEFI0262**

Message: Unable to initialize DIMM modules on memory riser arg1 because of a DDR training error.

Arguments: arg1 = memory riser name

Detailed Description: An issue is observed initializing DDR (double data rate) on the memory riser identified in the message. A possible cause is the DIMM modules are incorrectly seated in the slots.

Recommended Response Action: Do the following: 1) Remove input power to the system, 2) Reseat the DIMM modules and 3) Restart the system. If the issue persists, then replace the faulty memory modules identified in the message.

Category: System Health (UEFI = UEFI Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
---|---|---|---|---|---|---

iDRAC

CMC

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
---|---|---|---|---|---|---
iDRAC ✔

CMC
UEFI0263

Message
Unable to perform iSCSI boot on connection arg1 because the network cable is not connected.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the network cable is not connected.

Recommended Response Action
Check the network cable connection of the system and retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

UEFI0264

Message
Unable to perform iSCSI boot because the iSCSI initiator name is invalid.

Detailed Description
Unable to perform iSCSI boot because the iSCSI initiator name is invalid.

Recommended Response Action
Go to System Setup > Network Settings page, make sure there is no typographical error in the iSCSI Initiator Name field, and retry the operation.

Category
Configuration (UEFI = UEFI Event)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

No alerts are applicable for this message

UEFI0265

Message
Unable to perform iSCSI boot on connection arg1 because the iSCSI initiator IPv4 address is invalid.

Arguments
arg1 = number

Detailed Description
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI initiator IPv4 address is invalid.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Go to System Setup &gt; Network Settings &gt; iSCSI Device Settings page, make sure there is no typographical error in the Initiator IP address field, and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**UEFI0266**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to perform iSCSI boot on connection <em>arg1</em> because the iSCSI initiator IPv4 subnet mask address is invalid.</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td><em>arg1</em> = number</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Unable to perform iSCSI boot on the connection identified in the message because the iSCSI initiator IPv4 subnet mask address is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Go to System Setup &gt; Network Settings &gt; iSCSI Device Settings page, make sure there is no typographical error in the Initiator Subnet Mask field, and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**UEFI0267**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to perform iSCSI boot on connection <em>arg1</em> because the IPv4 initiator gateway address is invalid.</td>
</tr>
<tr>
<td><strong>Arguments</strong></td>
<td><em>arg1</em> = number</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Unable to perform iSCSI boot on the connection identified in the message because the IPv4 initiator gateway address is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Go to System Setup &gt; Network Settings &gt; iSCSI Device Settings page, make sure there is no typographical error in the Initiator Gateway field, and retry the operation.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### UEFI0268

**Message**  
Unable to perform iSCSI boot on connection *arg1* because the iSCSI target name is invalid.

**Arguments**  
*arg1* = number

**Detailed Description**  
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target name is invalid.

**Recommended Response Action**  
Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the iSCSI Target Name in the iSCSI setup page is correct, and retry the operation.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### UEFI0269

**Message**  
Unable to perform iSCSI boot on connection *arg1* because the iSCSI target IP address is invalid.

**Arguments**  
*arg1* = number

**Detailed Description**  
Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target IP address is invalid.

**Recommended Response Action**  
Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, do the following:  
1. Make sure the Target IP Address is set corresponding to the mode enabled (IPv4/IPv6).  
2. Make sure there is no typographical error in the Target IP Address field.  
3. Retry the operation.

**Category**  
Configuration (UEFI = UEFI Event)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### UEFI0270

**Message**  
Unable to perform iSCSI boot on connection *arg1* because the network connection to DHCPv4 server is not established.

**Arguments**  
*arg1* = number

**Detailed Description**  
Unable to perform iSCSI boot on the connection identified in the message because the network connection to DHCPv4 server is not established.
<table>
<thead>
<tr>
<th><strong>Recommended Response Action</strong></th>
<th>Check the network cable connection of the initiator or the DHCPv4 server and retry the operation.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**UEFI0271**

**Message**
Unable to perform iSCSI boot on connection arg1 because the network connection to DHCPv6 server is not established.

**Arguments**
arg1 = number

**Detailed Description**
Unable to perform iSCSI boot on the connection identified in the message because the network connection to DHCPv6 server is not established.

**Recommended Response Action**
Check the network cable connection of the initiator or the DHCPv6 server and retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**UEFI0272**

**Message**
Unable to perform iSCSI boot on connection arg1 because the BIOS cannot obtain the initiator information from DHCPv4 server.

**Arguments**
arg1 = number

**Detailed Description**
Unable to perform iSCSI boot on the connection identified in the message because the BIOS cannot obtain the initiator information from DHCPv4 server.

**Recommended Response Action**
Do one of the following: 1) Check the configuration of DHCPv4 server. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable DHCP and configure the initiator information manually. Retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message
**UEFI0273**

**Message**: Unable to perform iSCSI boot on connection *arg1* because the iSCSI target configuration data obtained from DHCPv4 server is invalid.

**Arguments**: 
*arg1* = number

**Detailed Description**: Unable to perform iSCSI boot on the connection identified in the message because the iSCSI target configuration data obtained from DHCPv4 server is invalid.

**Recommended Response Action**: Do one of the following: 1) Reconfigure the DHCPv4 server root path option, and note that server name must be specified. 2) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

---

**UEFI0274**

**Message**: Unable to perform iSCSI boot on connection *arg1* because the iSCSI login operation did not complete successfully.

**Arguments**: 
*arg1* = number

**Detailed Description**: Unable to perform iSCSI boot on the connection identified in the message because the iSCSI login operation did not complete successfully.

**Recommended Response Action**: Do the following: 1) Go to System Setup > Network Settings > iSCSI Device Settings > Connection Settings page, make sure the target name is correct. 2) On the iSCSI target system, make sure the initiator name is added into the target identifiers. 3) Compare the authentication settings in the iSCSI initiator setup page to that of the iSCSI target system and make sure the settings match. 4) Retry the operation.

**Category**: Configuration (UEFI = UEFI Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert

*No alerts are applicable for this message*

---

**UEFI0275**

**Message**: Unable to perform iSCSI boot on connection *arg1* because the TCP connection timed out when connecting to the iSCSI target.

**Arguments**: 
*arg1* = number
<table>
<thead>
<tr>
<th>Detailed Description</th>
<th>Unable to perform iSCSI boot on the connection identified in the message because the TCP connection timed out when connecting to the iSCSI target.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended Response Action</td>
<td>Do the following: 1) Make sure the iSCSI target system is online with the firewall configured to allow TCP access. 2) Make sure the server network infrastructure is configured to allow access to the iSCSI target. 3) Go to System Setup &gt; Network Settings &gt; iSCSI Device Settings &gt; Connection Settings page, make sure the iSCSI initiator settings (iSCSI, DHCP, VLAN, initiator/target IP addresses) are configured correctly. 4) Retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
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</tr>
</tbody>
</table>

No alerts are applicable for this message

### UEFI0276

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform iSCSI boot on connection arg1 because the initiator information from DHCPv6 server cannot be obtained.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = number</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Unable to perform iSCSI boot on the connection identified in the message because the initiator information from DHCPv6 server cannot be obtained.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Check the configuration of DHCPv6 server. 2) Go to System Setup &gt; Network Settings &gt; iSCSI Device Settings &gt; Connection Settings page, disable DHCP and configure the initiator information manually. Retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (UEFI = UEFI Event)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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No alerts are applicable for this message

### UEFI0277

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to perform iSCSI boot on connection arg1 because the iSCSI target configuration data obtained from DHCPv6 server is invalid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>arg1 = number</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>Unable to perform iSCSI boot on the connection number identified in the message because the iSCSI target configuration data obtained from DHCPv6 server is invalid.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Reconfigure the DHCPv6 server boot file URL option, and note that server name must be specified. 2) Go to System Setup &gt; Network...</td>
</tr>
</tbody>
</table>

2379
Settings > iSCSI Device Settings > Connection Settings page, disable Target Info via DHCP and configure the parameters manually. Retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

---

**UEFI0282**

**Message**
One or more graphics processing unit (GPU) adapters are not operating correctly because the power cables between the GPU adapters and motherboard are not correctly connected.

**Detailed Description**
One or more graphics processing unit (GPU) adapters are not operating correctly because the power cables between graphics processing unit (GPU) adapters and motherboard are not correctly connected.

**Recommended Response Action**
Make sure that the cable connections between GPU adapters and motherboard are correct and retry the operation.

**Category**
Configuration (UEFI = UEFI Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

<table>
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<th>LCD</th>
<th>OS Log</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
<th>Chassis Event Proxy</th>
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</tbody>
</table>
USR Event Messages

USR0001

Message: arg1
Arguments: arg1 = message
Detailed Description: No detailed description is required.
Recommended Response Action: No response action is required.
Category: Work Notes (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | | | | | |
CMC | | | | | | |

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | | | | | |
CMC | | | | | | |

USR0002

Message: arg1 login from arg2
Arguments: arg1 = username, arg2 = ip_address
Detailed Description: Details the Username that logged in and the IP Address they are coming from.
Recommended Response Action: No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
**USR0005**

**Message**
Login failed from arg1 : arg2

**Arguments**
arg1 = username, arg2 = ip_address

**Detailed Description**
Login failed from UserID: IP Address

**Recommended Response Action**
Contact the iDRAC administrator and ensure the username and password credentials used are correct.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**USR0007**

**Message**
arg1 closing session from arg2

**Arguments**
arg1 = username, arg2 = ip_address

**Recommended Response Action**
No response action is required.
**USR0008**

**Message**
The Default Login Warning feature is disabled.

**Detailed Description**
The Default Login Warning feature is disabled. No warning is provided if any local user is configured with default credentials.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**USR0013**

**Message**
Insufficient user privileges to perform operation.

**Detailed Description**
The user does not have sufficient privileges to execute the command.
<table>
<thead>
<tr>
<th><strong>USR0014</strong></th>
<th></th>
</tr>
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<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The current user session is invalid.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The user session which is currently in use is invalid.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (USR = User Tracking)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 3 (Informational)</td>
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<td><strong>Redfish Event Type</strong></td>
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No alerts are applicable for this message

<table>
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<tr>
<th><strong>USR0015</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>The specified user does not exist.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>The specified user does not exist.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>Verify the existing users and enter a valid username.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (USR = User Tracking)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 2 (Warning)</td>
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<td>Alert</td>
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No alerts are applicable for this message

<table>
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<tr>
<th><strong>USR0016</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Message</strong></td>
<td>Unable to get session info from the RAC.</td>
</tr>
<tr>
<td><strong>Detailed Description</strong></td>
<td>Unable to obtain the session info from RAC.</td>
</tr>
<tr>
<td><strong>Recommended Response Action</strong></td>
<td>No response action is required.</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Audit (USR = User Tracking)</td>
</tr>
<tr>
<td><strong>Severity</strong></td>
<td>Severity 1 (Critical)</td>
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<td><strong>Redfish Event Type</strong></td>
<td>Alert</td>
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No alerts are applicable for this message
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<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**USR0017**

<table>
<thead>
<tr>
<th>Message</th>
<th>No active sessions currently exist for the specified user.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>There are no active sessions on the iDRAC for the specified user.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>

Category  Audit (USR = User Tracking)  
Severity  Severity 3 (Informational)  
Redfish Event Type  Alert  

No alerts are applicable for this message

**USR0018**

<table>
<thead>
<tr>
<th>Message</th>
<th>No active sessions currently exist.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>There are no active sessions on the iDRAC which can be displayed.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>

Category  Audit (USR = User Tracking)  
Severity  Severity 3 (Informational)  
Redfish Event Type  Alert  

No alerts are applicable for this message

**USR0019**

<table>
<thead>
<tr>
<th>Message</th>
<th>Specified user name is too long.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The specified username exceeds the prescribed limit (255)</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
</tbody>
</table>

Category  Audit (USR = User Tracking)  

Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

USR0020

Message  Invalid Session ID.
Detailed Description  The specified session id does not exist and is invalid.
Recommended Response Action  No response action is required.
Category  Audit (USR = User Tracking)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

USR0021

Message  Unable to close session with the specified ID
Detailed Description  The session could not be closed. A possible reason is that the session does not exist.
Recommended Response Action  No response action is required.
Category  Audit (USR = User Tracking)
Severity  Severity 1 (Critical)
Redfish Event Type  Alert

No alerts are applicable for this message

USR0022

Message  The specified user already exists. Duplicate user names are not allowed.
Detailed Description  The username specified already exists and cannot be assigned.
Recommended Response Action  Choose a unique username.
Category  Audit (USR = User Tracking)
Severity  Severity 2 (Warning)
USR0023

Message: The current user privilege is not valid.

Detailed Description: The user privilege is invalid. This may be due to invalid combinations of privileges given to the user.

Recommended Response Action: Request the administrator to assign appropriate user privileges to the specific user.

Category: Audit (USR = User Tracking)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

No alerts are applicable for this message

USR0030

Message: Successfully logged in using arg1, from arg2 and arg3.

Arguments: arg1 = username, arg2 = IP address, arg3 = interface name

Detailed Description: Successful login for the username, IP address, and interface identified in the message.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

No alerts are applicable for this message
USR0031

Message  Unable to log in for \( \text{arg1} \) from \( \text{arg2} \) using \( \text{arg3} \).
Arguments  \( \text{arg1} = \) username, \( \text{arg2} = \) IP address, \( \text{arg3} = \) interface name
Detailed Description  Unsuccessful login for the username, IP address, and interface identified in the message.
Recommended Response Action  Make sure the login credentials are valid and retry the operation.
Category  Audit (USR = User Tracking)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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USR0032

Message  The session for \( \text{arg1} \) from \( \text{arg2} \) using \( \text{arg3} \) is logged off.
Arguments  \( \text{arg1} = \) username, \( \text{arg2} = \) IP address, \( \text{arg3} = \) interface name
Detailed Description  The session for the username, IP address, and interface identified in the message is logged off.
Recommended Response Action  No response action is required.
Category  Audit (USR = User Tracking)
Severity  Severity 3 (Informational)
Redfish Event Type  Alert

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2388
USR0033

Message: Login for arg1 from arg2 using arg3 was incomplete.

Arguments: arg1 = username, arg2 = IP address, arg3 = interface name

Detailed Description: The IPMI over LAN login attempt was ended by the IPMI client before success or failure.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

USR0034

Message: Login attempt alert for arg1 from arg2 using arg3 , IP will be blocked for arg4 seconds.

Arguments: arg1 = username, arg2 = IP Address, arg3 = interface name, arg4 = seconds

Detailed Description: The account identified in the message is temporarily disabled because of consecutive unsuccessful Login attempts to iDRAC from the IP address identified in the message.

Recommended Response Action: Contact the iDRAC administrator and make sure the username and password credentials used are correct. Check the Lifecycle Controller Log (LC Log) to see if more unauthorized iDRAC access attempts are occurring than would be expected due to forgotten account names or passwords.

Category: Audit (USR = User Tracking)
**Severity**
Severity 2 (Warning)

**Trap/EventID**
8490

**Redfish Event Type**
Alert

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**USR0150**

**Message**
Opening a remote VNC session from IP address \textit{arg1}.

**Arguments**
\textit{arg1} = IP address

**Detailed Description**
The VNC client is connected from the IP address identified in the message to the iDRAC VNC Server.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**USR0151**

**Message**
The remote VNC session from the IP address \textit{arg1} is logging off.

**Arguments**
\textit{arg1} = IP address
Detailed Description
The VNC client from the IP address identified in the message is logged off.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**USR0152**

Message
Unable to connect the remote VNC session, because an incorrect VNC password was entered from the IP arg1.

Arguments
arg1 = IP address

Detailed Description
Could not successfully connect to the remote VNC session, because an incorrect VNC password was entered from the IP address identified in the message.

Recommended Response Action
Enter the correct VNC password and retry the operation.

Category
Audit (USR = User Tracking)

Severity
Severity 2 (Warning)

Redfish Event Type
Alert

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**USR0153**

**Message**
Logging off the remote VNC session from the IP address arg1, because the session timed out.

**Arguments**
arg1 = IP address

**Detailed Description**
The VNC client is logged off from the IP address identified in the message.

**Recommended Response Action**
To re-establish the remote VNC session, log in again using the VNC client.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**USR0170**

**Message**
The Front Panel USB port is attached to iDRAC Disk.USBFront. arg1. Device details:
Device class arg2, Vendor ID arg3, Manufacturer Name arg4, Product ID arg5, Product Name arg6, Serial Number arg7.

**Arguments**
arg1 = port number, arg2 = class, arg3 = vendor ID, arg4 = manufacture name, arg5 = product ID, arg6 = product name, arg7 = serial

**Detailed Description**
The device identified in the message is connected to the Front Panel USB port and attached to the iDRAC.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
USR0171

Message: The Front Panel USB port is detached from the iDRAC Disk USBFront. \texttt{arg1} . Device Details: Device Class \texttt{arg2} , Vendor ID \texttt{arg3} , Product ID \texttt{arg4}.

Arguments: \texttt{arg1} = port number, \texttt{arg2} = class, \texttt{arg3} = vendor ID, \texttt{arg4} = product ID

Detailed Description: The device identified in the message is connected to the Front Panel USB port and detached from the iDRAC.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

USR0172

Message: The Front Panel USB Management Port Mode setting is changed from \texttt{arg1} to \texttt{arg2}.

Arguments: \texttt{arg1} = previous mode, \texttt{arg2} = new mode

Detailed Description: The Front Panel USB Management Port Mode setting is changed as identified in the message.
**USR0173**

**Message**
The Front Panel USB port switched automatically from iDRAC to operating system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

**Filter Visibility**
- iDRAC: ✔ ✔ ✔ ✔
- CMC: LC Log ✔ LCD ✔ OS Log ✔
- Power Off ✔ Power Cycle ✔ Reset ✔ Chassis Event ✔ Proxy

**USR0174**

**Message**
The Front Panel USB device is removed from the operating system.
**Detailed Description**
The Front Panel USB device is removed from the operating system.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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**USR0175**

**Message**
The Front Panel USB Port Over Current is detected for the attached device on Disk:USBFront. arg1.

**Arguments**
arg1 = port number

**Detailed Description**
The USB device attached to the port identified in the message is drawing more current than is supported by the port.

**Recommended Response Action**
Reinsert the USB device in the Front Panel USB Port and retry the operation. If the issue persists, use a different USB device.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
8490

**Redfish Event Type**
Alert

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2395
USR0176

**Message**
The Front Panel USB Port Over Current condition is cleared for the attached device Disk.USBFront. `arg1`.

**Arguments**
`arg1` = port number

**Detailed Description**
The Front Panel USB Port Over Current condition is cleared for the port identified in the message.

**Recommended Response Action**
No response action is required

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

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USR0177

**Message**
Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode.

**Detailed Description**
Configuring the Front Panel USB Port Mode to Automatic because the iDRAC is unable to retrieve the Front Panel USB Port Mode.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
The Quick Sync feature is enabled because the activate button on the bezel was pressed.

The Quick Sync feature is deactivated because the inactivity timeout limit was reached.

Press the activate button on the bezel to activate the iDRAC Quick Sync feature.
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

USR0182

**Message:** Server information has been accessed by using the iDRAC Quick Sync feature.

**Detailed Description:** Server information has been accessed by using the iDRAC Quick Sync feature.

**Recommended Response Action:** No response action is required.

**Category:** Audit (USR = User Tracking)

**Severity:** Severity 3 (Informational)

**Redfish Event Type:** Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

Filter Visibility | LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC

USR0183

**Message:** A bezel with the iDRAC Quick Sync feature is detected.

**Detailed Description:** A bezel with the iDRAC Quick Sync feature is detected.

**Recommended Response Action:** No response action is required.
USR0184

Message: A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available.

Detailed Description: A bezel with the iDRAC Quick Sync feature has been disconnected and the feature is not available.

Recommended Response Action: Connect a bezel with the iDRAC Quick Sync feature. Press the activate button to enable the Quick Sync feature.

USR0190

Message: Peak value is reset for arg1 sensor.

Arguments: arg1 = sensor type
**USR100**

**Message**  
The command was successful.

**Detailed Description**  
The operation completed successfully.

**Recommended Response Action**  
No response action is required.

**Category**  
Configuration (USR = User Tracking)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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**USR101**

**Message**  
Resource allocation failure

**Detailed Description**  
Unable to allocate the resource because of the lack of memory or file space in the iDRAC firmware.

**Recommended Response Action**  
Reset iDRAC and retry the operation.

**Category**  
Configuration (USR = User Tracking)

**Severity**  
Severity 1 (Critical)
USR102

Message: Invalid parameter value for arg1.
Arguments: arg1 = parameter name
Detailed Description: The value provided for the specified parameter is invalid.
Recommended Response Action: To provide the correct value for the specified parameter, see Lifecycle Controller-Remote Services documentation.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

USR103

Arguments: arg1 = parameter names
Detailed Description: One or more required parameters needed for the operation are missing.
Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation and provide the required parameters.
Category: Configuration (USR = User Tracking)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

USR104

Message: Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation did not complete successfully because of an unknown error in iDRAC.
Recommended Response Action: Retry the operation. If the issue persists, reset the iDRAC.
Category: Configuration (USR = User Tracking)
USR105

Severity  | Severity 2 (Warning)  
Redfish Event Type | Alert

No alerts are applicable for this message

USR105

Message | The account is not configured.
Detailed Description | The user account used as credentials to access iDRAC is not enabled or configured to perform the operation.
Recommended Response Action | Retry the operation after creating the user account.
Category | Configuration (USR = User Tracking)
Severity | Severity 2 (Warning)
Redfish Event Type | Alert

No alerts are applicable for this message

USR106

Message | arg1 unauthorized for arg2 on arg3 . arg4
Arguments | arg1 = username, arg2 = operation, arg3 = classname, arg4 = methodname
Detailed Description | The username provided does not have sufficient privileges to perform the invoke operation on the method.
Recommended Response Action | Retry the operation using user credentials that are authorized to perform the operation.
Category | Audit (USR = User Tracking)
Severity | Severity 2 (Warning)
Redfish Event Type | Alert

No alerts are applicable for this message

USR107

Message | The operation arg1 of the arg2 was performed by arg3
Arguments | arg1 = Set/Invoke, arg2 = methodname name or instance, arg3 = username
Detailed Description | The identified user has performed the identified set operation or invoke method operation. The operation is either set on an instance of the class identified or an invocation of the identified method.
Recommended Response Action | No response action is required.
Category: Audit (USR = User Tracking)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

**USR8500**

**Message:** Excessive login failures from *arg1*; blocked for *arg2* seconds.

**Arguments**
- *arg1* = IP address
- *arg2* = number

**Detailed Description:** Multiple login attempts were unsuccessful from the identified IP address. After detecting this error condition, this IP address will be blocked from login for the duration specified in the message.

**Recommended Response Action:** Make sure the username and password credentials used are correct, wait for the duration specified in the message and then retry the login.

**Category:** Audit (USR = User Tracking)
**Severity:** Severity 2 (Warning)
**Redfish Event Type:** Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

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**USR8501**

**Message:** Successfully closed Session process: pid= *arg1* sid= *arg2*

**Arguments**
- *arg1* = process ID
- *arg2* = session ID

**Detailed Description:** The operation to close a user session using the process ID identified in the message was successful.

**Recommended Response Action:** No response action is required.

**Category:** Audit (USR = User Tracking)
**Severity:** Severity 3 (Informational)
**Redfish Event Type:** Alert
**USR8502**

**Message**
Successfully closed Session: pid= arg1 sid= arg2

**Arguments**
arg1 = process ID, arg2 = session ID

**Detailed Description**
The operation to close a user session using the session ID identified in the message was successful.

**Recommended Response Action**
No response action is required.

**Category**
Audit (USR = User Tracking)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

---

**USR8503**

**Message**
Domain user authentication was not successful. Reason code = arg1

**Arguments**
arg1 = error num

**Detailed Description**
The Active Directory authentication was not successful for the specified username.

**Recommended Response Action**
Contact the administrator and ensure the username and password credentials used in the operation are correct.
USR8504

Message  The IP address specified is out of range.

Detailed Description  The IP range filter feature is enabled in CMC. The IP address from where the login attempt was made is not in the specified range of IP address that can access the CMC.

Recommended Response Action  If access needs to be given to this specified IP address, change the IP range address and IP range mask accordingly and retry the operation.

USR8505

Message  Successfully invalidated Session: sid= arg1

Arguments  arg1 = session ID
Detailed Description
The operation to invalidate the Session identified in the message was successful.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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**USR8506**

Message
Successfully closed Session: sid= arg1

Arguments
arg1 = session ID

Detailed Description
The operation to invalidate the Session identified in the message was successful.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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USR8507

Message
arg1 login was not successful (username= arg2 , ip= arg3 , error=0x arg4 )

Arguments
arg1 = Session type, arg2 = user name, arg3 = IP address, arg4 = error number

Detailed Description
The login attempt with details specified in the message was not successful.

Recommended Response Action
Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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USR8508

Message
arg1 login was not successful (username= arg2 , ip= arg3 , reason= arg4 )

Arguments
arg1 = Session type, arg2 = user name, arg3 = ip address, arg4 = failure reason

Detailed Description
The login attempt with details specified in the message was not successful.

Recommended Response Action
Maximum sessions already in use, so close any of existing session and retry the operation.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

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USR8509

Message
Login was not successful (username= arg1 , ip= arg2 , error=0x arg3 , type= arg4 )

Arguments
arg1 = username, arg2 = ip address, arg3 = error no, arg4 = error type

Detailed Description
The login attempt with details specified in the message was not successful.

Recommended Response Action
Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

USR8510

Message
Login was successful arg1 (username= arg2 , type= arg3 , sid= arg4 )

Arguments
arg1 = description, arg2 = username, arg3 = session type, arg4 = session ID

Detailed Description
Successful login by Username identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert
USR8511

Message
Login was successful arg1 from arg2 (username= arg3 , type= arg4 , sid= arg5 )

Arguments
arg1 = description, arg2 = address, arg3 = username, arg4 = session type, arg5 = session ID

Detailed Description
Successful login from IP address by Username identified in the message.

Recommended Response Action
No response action is required.

Category
Audit (USR = User Tracking)

Severity
Severity 3 (Informational)

Redfish Event Type Alert

USR8512

Message
arg1 login was not successful (username= arg2 , reason= arg3 )

Arguments
arg1 = Session type, arg2 = user name, arg3 = failure reason

Detailed Description
The login attempt with details specified in the message was not successful.
Recommended Response Action: Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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**USR8513**

Message: $arg1$ login successful from $arg2$ (type= $arg3$).

Arguments: $arg1$ = username, $arg2$ = IP address, $arg3$ = session type

Detailed Description: Successful login from IP address identified in the message by username identified in the message.

Recommended Response Action: No response action is required.

Category: Audit (USR = User Tracking)

Severity: Severity 3 (Informational)

Redfish Event Type: Alert

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VDR Event Messages

VDR1

Message: arg1 failed.

Arguments: arg1 = VD Name

Detailed Description: A storage component such as a physical disk or an enclosure has failed. The failed component may have been identified by the controller while performing a task such as a rescan or a check consistency.

Recommended Response Action: Replace the failed component. You can identify which component has failed by locating the component that has a red "X" for its status. Perform a rescan after replacing the failed component.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4353

Redfish Event Type: Alert

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VDR10

Message: Formatting the arg1 has started.

Arguments: arg1 = VD Name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.
**Category**: Storage (VDR = Virtual Disk)  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: 4355  
**OMSA Event ID**: 2059  
**OMSA Trap ID**: 120100  
**Redfish Event Type**: Alert

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**VDR100**

**Message**: `arg1` is unavailable because of incompatibilities with the current controller.  
**Arguments**: `arg1` = virtual disk  
**Detailed Description**: The virtual disk identified in message cannot be used because of missing features on the current controller. The features may be missing because they are not available in the firmware version on the controller or the necessary licenses are not installed.  
**Recommended Response Action**: Update the controller firmware and license to match the peer controller.  
**Category**: Storage (VDR = Virtual Disk)  
**Severity**: Severity 2 (Warning)  
**Trap/EventID**: 4354  
**OMSA Event ID**: 2369  
**OMSA Trap ID**: 120300  
**Redfish Event Type**: Alert

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## VDR101

**Message**
Hot Spare Protection policy deviation with severity set at Informational level occurred for arg1.

**Arguments**
arg1 = virtual disk names

**Detailed Description**
The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Informational level.

**Recommended Response Action**
Make appropriate assignments of hotspares to meet the policy.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2383

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

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## VDR101

**Message**
Virtual Adapter mapping reported for arg1. Virtual Adapter 1 is now arg2. Virtual Adapter 2 is now arg3. Virtual Adapter 3 is now arg4. Virtual Adapter 4 is now arg5.

**Arguments**
arg1 = Virtual Disk Name, arg2 = Access Policy 1, arg3 = Access Policy 2, arg4 = Access Policy 3, arg5 = Access Policy 4

**Detailed Description**
Indicates the Virtual Disk to Virtual Adapter Mapping for audit purposes.
Recommended Response Action
No response action is required.

Category Storage (VDR = Virtual Disk)
Severity Severity 3 (Informational)
Trap/EventID 4355
Redfish Event Type Alert

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VDR102

Message Hot Spare Protection policy deviation with severity set at Warning level occurred for arg1.

Arguments arg1 = virtual disk names

Detailed Description The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Warning level.

Recommended Response Action Make appropriate assignments of hotspares to meet the policy.

Category Storage (VDR = Virtual Disk)
Severity Severity 2 (Warning)
OMSA Event ID 2384
OMSA Trap ID 120300
Redfish Event Type Alert

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2414
Message: Hot Spare Protection policy deviation with severity set at Critical level occurred for arg1.

Arguments: arg1 = virtual disk names

Detailed Description: The number of hot spares available for the virtual disks identified in the message are not compliant with Hot Spare Protection policy, whose severity is set at Critical level.

Recommended Response Action: Make appropriate assignments of hotspares to meet the policy.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

OMSA Event ID: 2385

OMSA Trap ID: 120400

Redfish Event Type: Alert

Filter Visibility: IPMI Alert, SNMP Alert, Email Alert, Remote System Log, WS Eventing, Redfish Eventing

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VDR104

Message: Successfully secured arg1.

Arguments: arg1 = virtual disk name

Detailed Description: The secure virtual disk operation was successful on the security capable virtual disk identified in the message. A security capable virtual disk is created using only Self-Encrypting Drives (SED).

Recommended Response Action: No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2393
OMSA Trap ID: 120100
Redfish Event Type: Alert

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### VDR105

**Message**: The \textit{arg1} on power save mode drives is available.

**Arguments**: \textit{arg1} = virtual disk name

**Detailed Description**: Virtual Disk creation using power save mode drives successfully completed and the Virtual Disk identified in the message is ready for use.

**Recommended Response Action**: No response action is required.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2403
OMSA Trap ID: 120100
Redfish Event Type: Alert

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**VDR106**

**Message**
arg1 on spun down power save mode drives is not available.

**Arguments**
arg1 = virtual disk name

**Detailed Description**
This alert is generated after successfully configuring a virtual disk on at least one spundown drive. The virtual disk creation is not yet complete on the remaining spundown drives because the drives are still spinning up.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2404

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

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**VDR107**

**Message**
Successfully resized Controller Enhanced cache (arg1).

**Arguments**
arg1 = virtual disk name

**Detailed Description**
The Controller Enhanced cache identified in the message was successfully resized.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
2412

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert
VDR108

Message: Successfully created Controller Enhanced cache (arg1).
Arguments: arg1 = virtual disk name
Detailed Description: The Controller Enhanced cache identified in the message was successfully created.
Recommended Response Action: No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
OMSA Event ID: 2413
OMSA Trap ID: 120100
Redfish Event Type: Alert

VDR109

Message: Successfully deleted Controller Enhanced cache (arg1).
Arguments: arg1 = virtual disk name
Detailed Description: The Controller Enhanced cache identified in the message was successfully deleted.
Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

OMSA Event ID: 2414

OMSA Trap ID: 120100

Redfish Event Type: Alert

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**VDR11**

Message: `arg1` has started initializing.

Arguments: `arg1` = virtual disk

Detailed Description: This message is generated after initialization of a virtual disk starts.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2061

OMSA Trap ID: 120100

Redfish Event Type: Alert

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VDR110

Message
Unrecoverable storage medium error detected on arg1.

Arguments
arg1 = virtual disk name

Detailed Description
This alert is generated when an unrecoverable storage medium error is detected on the virtual disk. This error can be a prelude to the physical disk becoming non-functional.

Recommended Response Action
Make sure a hot spare to the Virtual Disk identified in the message is available and back up the data on the virtual disk.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

OMSA Event ID
2417

OMSA Trap ID
120400

Redfish Event Type
Alert

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VDR111

Message
Corrected disk storage medium error on arg1.

Arguments
arg1 = virtual disk name

Detailed Description
The controller corrected a disk storage medium error on one of the participating physical disks of the virtual disk identified in the message.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)
Severity 3 (Informational)

OMSA Event ID 2418
OMSA Trap ID 120100
Redfish Event Type Alert

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VDR112

Message Deleted the arg1.
Arguments arg1 = virtual disk
Detailed Description The controller removed a virtual disk because of a delete virtual disk operation or a reset configuration operation.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity Severity 2 (Warning)
Redfish Event Type Alert

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VDR12

Message arg1 reconfiguration has started.
Arguments: `arg1` = virtual disk

Detailed Description: This message is generated after reconfiguration of a virtual disk starts.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2063

OMSA Trap ID: 120100

Redfish Event Type: Alert

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VDR13

Message: `arg1` rebuild has started.

Arguments: `arg1` = VD Name

Detailed Description: This alert is provided for informational purposes.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2064

OMSA Trap ID: 120100

Redfish Event Type: Alert
VDR14

Message  The consistency check on arg1 was cancelled.
Arguments  arg1 = virtual disk
Detailed Description  A user cancelled the consistency check operation for a virtual disk.
Recommended Response Action  No response action is required.
Category  Storage (VDR = Virtual Disk)
Severity  Severity 3 (Informational)
Trap/EventID  4355
OMSA Event ID  2067
OMSA Trap ID  120100
Redfish Event Type  Alert

VDR15

Message  Initialization of arg1 was cancelled.
Arguments  arg1 = virtual disk
Detailed Description
The initialization operation could not be completed. This may be due to a user action or a physical disk failure.

Recommended Response Action
If a physical disk failed, then replace the physical disk. Restart the virtual disk initialization.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2070

OMSA Trap ID
120100

Redfish Event Type
Alert

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VDR16

Message
Consistency check of arg1 failed.

Arguments
arg1 = virtual disk

Detailed Description
A physical disk included in the virtual disk failed or there is an error in the parity information. A failed physical disk causes errors in parity information.

Recommended Response Action
Check that all the physical disks of the virtual disk are in a healthy condition. Replace any disks that are not healthy and restart the operation. If this is not the problem, delete the virtual disk and restore the data to the disk from a backup copy.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2076

OMSA Trap ID
120400

Redfish Event Type
Alert
VDR17

Message  
arg1 format failed.

Arguments  
arg1 = VD Name

Detailed Description  
A physical disk included in the virtual disk failed.

Recommended Response Action  
Replace the failed physical disk. Identify the failed physical disk by locating the disk that has a red 'X' for its status. Rebuild the physical disk. When finished, restart the virtual disk format operation.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 1 (Critical)

Trap/EventID  
4353

OMSA Event ID  
2077

OMSA Trap ID  
120400

Redfish Event Type  
Alert

VDR18

Message  
Initialization of arg1 has failed.

Arguments  
arg1 = virtual disk
Detailed Description
A physical disk included in the virtual disk has failed or was removed.

Recommended Response Action
If a physical disk has failed, replace the physical disk. Restart the virtual disk initialization.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2079

OMSA Trap ID
120400

Redfish Event Type
Alert

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VDR19

Message
Reconfiguration of arg1 has failed.

Arguments
arg1 = virtual disk

Detailed Description
The reconfiguration operation was not completed. This may be due to a user action or a physical disk failure.

Recommended Response Action
Recreate the virtual disk and restore data from a backup copy.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2081

OMSA Trap ID
120400

Redfish Event Type
Alert
VDR2

Message

arg1 returned to optimal state.

Arguments

arg1 = virtual disk

Detailed Description

The virtual disk has returned to a healthy state and is working properly.

Recommended Response Action

No response action is required.

Category

Storage (VDR = Virtual Disk)

Severity

Severity 3 (Informational)

Trap/EventID

4355

Redfish Event Type

Alert

VDR20

Message

arg1 rebuild failed.

Arguments

arg1 = VD Name

Detailed Description

A physical disk included in the virtual disk has failed or is corrupt. You may also have cancelled the rebuild.
Recommended Response Action: Replace the failed or corrupt disk. You can identify a disk that has failed by locating the disk that has a red "X" for its status. Restart the virtual disk rebuild.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 1 (Critical)

Trap/EventID: 4353
OMSA Event ID: 2082
OMSA Trap ID: 120400

Redfish Event Type: Alert

**VDR21**

Message: Consistency check for arg1 has completed.

Arguments: arg1 = virtual disk

Detailed Description: This message is generated after a consistency check completes on a virtual disk.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2085
OMSA Trap ID: 120100

Redfish Event Type: Alert
VDR22

Message Formatting the arg1 is completed.
Arguments arg1 = VD Name
Detailed Description This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity Severity 3 (Informational)
Trap/EventID 4355
OMSA Event ID 2086
OMSA Trap ID 120100
Redfish Event Type Alert

VDR23

Message Initialization of arg1 has completed.
Arguments arg1 = virtual disk
Detailed Description This message is generated after initialization completes on a virtual disk.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2088
OMSA Trap ID: 120100
Redfish Event Type: Alert

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VDR24

**Message**: Reconfiguration of arg1 has completed.

**Arguments**: arg1 = virtual disk

**Detailed Description**: The re-configuration operation on the virtual disk completed.

**Recommended Response Action**: No response action is required.

**Category**: Storage (VDR = Virtual Disk)

**Severity**: Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2090
OMSA Trap ID: 120100
Redfish Event Type: Alert

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VDR25

Message arg1 rebuild is completed.
Arguments arg1 = VD Name
Detailed Description This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity Severity 3 (Informational)
Trap/EventID 4355
OMSA Event ID 2091
OMSA Trap ID 120100
Redfish Event Type Alert

VDR26

Message The check consistency on a arg1 has been paused (suspended).
Arguments arg1 = VD Name
Detailed Description You paused the Check Consistency operation on a virtual disk.
Recommended Response Action To resume the Check Consistency operation, right-click the virtual disk in the Storage Management tree view and select Resume Check Consistency.
Category Storage (VDR = Virtual Disk)
Severity 3 (Informational)

Trap/EventID 4355
OMSA Event ID 2114
OMSA Trap ID 120100

Redfish Event Type Alert

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**VDR27**

**Message**
The consistency check on a *arg1* has been resumed.

**Arguments**
*arg1* = VD Name

**Detailed Description**
The check consistency on a virtual disk has resumed processing after a pause.

**Recommended Response Action**
This alert is provided for informational purposes.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

Trap/EventID 4355
OMSA Event ID 2115
OMSA Trap ID 120100

Redfish Event Type Alert

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VDR28

Message
A virtual disk and its mirror have been split.

Detailed Description
A user has caused a mirrored virtual disk to be split. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being split, both virtual disks retain a copy of the data. Because the mirror is no longer intact, updates to the data are no longer copied to the mirror.

Recommended Response Action
This alert is provided for informational purposes.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2116

OMSA Trap ID
120100

Redfish Event Type
Alert

VDR29

Message
A mirrored virtual disk has been un-mirrored.

Detailed Description
A mirrored virtual disk is un-mirrored. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being un-mirrored, the disk formerly used as the mirror returns to being a physical disk and becomes available for inclusion in another virtual disk.

Recommended Response Action
This alert is provided for informational purposes.
Redundancy normal on arg1.

-Detailed Description-
Data redundancy has been restored to a virtual disk that previously suffered a loss of redundancy.

-Recommended Response Action-
This alert is provided for informational purposes.
VDR30

Message  
arg1 write policy has changed.
Arguments  
arg1 = virtual disk
Detailed Description  
A user changed the write policy for a virtual disk.
Recommended Response Action  
This alert is provided for informational purposes.
Category  
Storage (VDR = Virtual Disk)
Severity  
Severity 3 (Informational)
Trap/EventID  
4355
OMSA Event ID  
2118
OMSA Trap ID  
120100
Redfish Event Type  
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VDR31

Message  
Controller cache is preserved for missing or offline arg1.
Arguments  
arg1 = VD Name
Detailed Description  
The controller is getting disconnected from its virtual disk, while Input Output (IO) is in-progress.
Recommended Response Action  
Try importing foreign disks, if any. Check if the enclosure containing the Virtual Disk is disconnected from the controller. Insert any disks that are reported missing or failed. If the enclosure or disks were removed intentionally, the preserved cache can be discarded. See storage hardware documentation for more information on performing these steps.
Category  
Storage (VDR = Virtual Disk)
Severity  
Severity 2 (Warning)
**VDR32**

**Message**  
Background initialization has started for *arg1*.

**Arguments**  
*arg1* = virtual disk

**Detailed Description**  
Background initialization of a virtual disk has started. This is an automated process that writes the parity or mirror data on newly created virtual disks.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

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**Trap/EventID**  4354

**OMSA Event ID**  2125

**OMSA Trap ID**  120300

**Redfish Event Type**  Alert

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2436
### VDR33

**Message**
Background initialization was cancelled for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk was cancelled. This may be due to user action. This operation may automatically restart.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
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**OMSA Event ID**
2128

**OMSA Trap ID**
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**Redfish Event Type**
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### VDR34

**Message**
Background initialization failed for arg1.

**Arguments**
arg1 = virtual disk

**Detailed Description**
Background initialization of a virtual disk failed.

**Recommended Response Action**
Run a consistency check on the virtual disk. If that fails, check the health of the member drives of the virtual disk and then recreate.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2129
OMSA Trap ID: 120400
Redfish Event Type: Alert

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VDR35

Message: Background initialization has completed for arg1.

Arguments: arg1 = virtual disk

Detailed Description: Background initialization of a virtual disk completed.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2130

OMSA Trap ID: 120100

Redfish Event Type: Alert

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VDR36

Message
arg1 initialization is in-progress arg2.

Arguments
arg1 = VD Name, arg2 = progresspercent

Detailed Description
Virtual disk initialization is in-progress. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

Redfish Event Type
Alert

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VDR37

Message
Dead disk segments are restored on arg1.

Arguments
arg1 = VD Name

Detailed Description
Disk space that was formerly "dead" or inaccessible to a redundant virtual disk has been restored. This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2140

OMSA Trap ID
120100

Redfish Event Type
Alert
**VDR38**

**Message**  
arg1 is renamed.

**Arguments**  
arg1 = VD Name

**Detailed Description**  
A user renamed a virtual disk. This alert is provided for informational purposes.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4355

**OMSA Event ID**  
2159

**OMSA Trap ID**  
120100

**Redfish Event Type**  
Alert

**VDR39**

**Message**  
The check consistency has made corrections and completed for arg1.

**Arguments**  
arg1 = VD name
Detailed Description
The virtual disk check consistency has identified issues and made corrections. For example, the check consistency may have encountered a bad disk block and remapped the disk block to restore data consistency. This alert is provided for informational purposes.

Recommended Response Action
No response action is required. As a precaution, monitor the Log for other errors related to this virtual disk. If problems persist, contact technical support.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2192

OMSA Trap ID
120300

Redfish Event Type
Alert

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VDR4

Message
arg1 was created.

Arguments
arg1 = virtual disk

Detailed Description
This message is generated after a virtual disk was created on a controller.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2053

OMSA Trap ID
120100

Redfish Event Type
Alert

2441
VDR40

Message
The reconfiguration of arg1 has resumed.

Arguments
arg1 = virtual disk

Detailed Description
This message is generated after the reconfiguration of a virtual disk resumes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2193

OMSA Trap ID
120100

Redfish Event Type
Alert

VDR41

Message
arg1 read policy has changed.

Arguments
arg1 = VD Name
Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2194

OMSA Trap ID
120100

Redfish Event Type
Alert

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VDR42

Message
Dedicated hot spare assigned physical disk arg1.

Arguments
arg1 = args

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2195

OMSA Trap ID
120100

Redfish Event Type
Alert
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**VDR43**

**Message**
Dedicated hot spare unassigned physical disk arg1.

**Arguments**
arg1 = args

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2196

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

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**VDR44**

**Message**
arg1 disk cache policy has changed.

**Arguments**
arg1 = VD Name
Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2199

OMSA Trap ID
120100

Redfish Event Type
Alert

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**VDR45**

Message
arg1 blink has been initiated.

Arguments
arg1 = VD Name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 3 (Informational)

Trap/EventID
4355

OMSA Event ID
2244

OMSA Trap ID
120100

Redfish Event Type
Alert
### VDR46

**Message**
arg1 blink has ceased.

**Arguments**
arg1 = VD Name

**Detailed Description**
This alert is provided for informational purposes.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2245

**OMSA Trap ID**
120100

**Redfish Event Type**
Alert

### VDR47

**Message**
A disk media error was corrected on arg1.

**Arguments**
arg1 = virtual disk
A disk media error was detected while the controller was completing a background task. A bad disk block was identified. The disk block was remapped.

Check the Lifecycle log for information related to members of this virtual disk.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

2280

120100

Alert

VDR48

arg1 has inconsistent data.

arg1 = VD Name

This alert is provided for informational purposes. The virtual disk has inconsistent data. This may be caused when a power loss or system shutdown occurs while data is being written to the virtual disk.

No response action is required.

Storage (VDR = Virtual Disk)

Severity 3 (Informational)

4355

2281

120100

Alert
VDR49

**Message**

`arg1` is permanently degraded.

**Arguments**

`arg1` = VD Name

**Detailed Description**

A redundant virtual disk has lost redundancy. This may occur when the virtual disk suffers the failure of more than one physical disk. In this case, both the source physical disk and the target disk with redundant data have failed. A rebuild is not possible because there is no longer redundancy.

**Recommended Response Action**

Replace the failed disks and restore from backup.

**Category**

Storage (VDR = Virtual Disk)

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4353

**OMSA Event ID**

2310

**OMSA Trap ID**

120400

**Redfish Event Type**

Alert

---

VDR5

**Message**

`arg1` was deleted.
Arguments: `arg1` = virtual disk

Detailed Description: The controller removed a virtual disk. This is due to a delete virtual disk operation, a reset configuration operation, or the removal of every physical disk that was a member of the virtual disk.

Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

OMSA Event ID: 2054

OMSA Trap ID: 120100

Redfish Event Type: Alert

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VDR50

Message: Background Initialization (BGI) completed with uncorrectable errors on `arg1`.

Arguments: `arg1` = virtual disk

Detailed Description: The background initialization task encountered errors that cannot be corrected. The virtual disk contains physical disks that have unusable disk space or disk errors that cannot be corrected.

Recommended Response Action: Review other messages to identify whether the physical disk that has errors. If the virtual disk is redundant, you can replace the physical disk and continue using the virtual disk. If the virtual disk is non-redundant, you need to recreate the virtual disk after replacing the physical disk. After replacing the physical disk, run a consistency check to verify the data.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 1 (Critical)

Trap/EventID: 4353

OMSA Event ID: 2340
**VDR51**

**Message**  
The consistency check process made corrections and completed on arg1.

**Arguments**  
arg1 = virtual disk

**Detailed Description**  
The consistency check completed on the virtual disk after making corrections.

**Recommended Response Action**  
No response action is required.

**Category**  
Storage (VDR = Virtual Disk)

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4355

**OMSA Event ID**  
2341

**OMSA Trap ID**  
120100

**Redfish Event Type**  
Alert

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**OMSA Trap ID**  
120400

**Redfish Event Type**  
Alert

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**OMSA Event ID**  
2341

**OMSA Trap ID**  
120100

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**OMSA Trap ID**  
120400

**Redfish Event Type**  
Alert

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2450
VDR52

Message: The consistency check found inconsistent parity data on arg1.
Arguments: arg1 = virtual disk
Detailed Description: The data on physical disk members of the virtual disk does not match. Redundancy may be lost.
Recommended Response Action: Rerun the consistency check task. If you receive this message again, verify the health of the physical disks included in the virtual disk. See the storage hardware documentation for more information. Review messages for significant messages related to the physical disks. If a physical disk has a problem, replace it and restore from a backup copy. Contact technical support if the issue persists.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 2 (Warning)

Trap/EventID: 4354
OMSA Event ID: 2342
OMSA Trap ID: 120300
Redfish Event Type: Alert


VDR53

Message: The consistency check logging of inconsistent parity data is disabled for arg1.
Arguments: arg1 = virtual disk
Detailed Description: The consistency check can no longer report errors in the parity data.
Recommended Response Action: See the storage hardware documentation for more information on consistency check operation. Contact technical support.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 2 (Warning)
VDR54

Message  
arg1 initialization is terminated.

Arguments  
arg1 = VD Name

Detailed Description  
You have cancelled the virtual disk initialization.

Recommended Response Action  
Restart the initialization.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4354

OMSA Event ID  
2344

OMSA Trap ID  
120300

Redfish Event Type  
Alert
VDR55

Message
arg1 initialization has failed.

Arguments
arg1 = VD Name

Detailed Description
The controller cannot communicate with attached devices. A disk may be removed or contain errors. Cables may also be loose or defective.

Recommended Response Action
Verify the health of attached devices. Review the Alert Log for significant events. Make sure the cables are attached securely. See the Cables Attached Correctly section for more information on checking the cables.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2345

OMSA Trap ID
120400

Redfish Event Type
Alert

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VDR56

Message
Redundancy of arg1 has been degraded.

Arguments
arg1 = virtual disk

Detailed Description
This message occurs when a physical disk in the disk group was removed or when a physical disk included in a redundant virtual disk fails. Because the virtual disk is redundant (uses mirrored or parity information) and only one physical disk has failed, the virtual disk can be rebuilt. Typically, the virtual disk (E.g. RAID 6) has multiple redundant disks and there is a problem with one of them.

Recommended Response Action
Replace the missing or failed physical disk.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)
**Trap/EventID** 4353

**Redfish Event Type** Alert

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**VDR57**

**Message** Background Initialization in arg1 corrected medium error.

**Arguments** arg1 = VD Name

**Detailed Description** A disk media error was detected while the controller was completing a background task. A bad disk block was identified. The disk block has been remapped.

**Recommended Response Action** Consider replacing the disk. If you receive this alert frequently, ensure to replace the disk. It is recommended to routinely back up your data.

**Category** Storage (VDR = Virtual Disk)

**Severity** Severity 3 (Informational)

**Trap/EventID** 4355

**Redfish Event Type** Alert

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**VDR58**

**Message** Bad block medium error is detected at block arg1 on arg2.

**Arguments** arg1 = args, arg2 = VD Name
Detailed Description: Virtual disk bad blocks are due to presence of unrecoverable bad blocks on one or more member physical disks.

Recommended Response Action: Recovering a physical disk bad block depends on the RAID level and state of the virtual disk. If a virtual disk is redundant, the controller can recover a bad block on a physical disk. If a virtual disk is not redundant, then the physical disk bad block results in a virtual disk bad block.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4353
OMSA Event ID: 2387
OMSA Trap ID: 120400
Redfish Event Type: Alert

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**VDR59**

Message: arg1 security has failed.
Arguments: arg1 = VD Name
Detailed Description: This alert message occurs if virtual disk security has failed.
Recommended Response Action: No response action is required.
Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)
Trap/EventID: 4355
Redfish Event Type: Alert

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VDR6

Message  arg1 configuration has changed.
Arguments  arg1 = VD Name
Detailed Description This alert is provided for informational purposes.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity Severity 3 (Informational)
Trap/EventID 4355
OMSA Event ID 2055
OMSA Trap ID 120100
Redfish Event Type Alert

VDR60

Message  arg1 initialization is in progress on arg2.
Arguments  arg1 = initialization type, arg2 = virtual disk
Detailed Description There are two modes of virtual disk initialization, full and fast. This initialization type identified in the message is running on the virtual disk identified in the message.
Recommended Response Action No response action is required.
Category Storage (VDR = Virtual Disk)
Severity 3 (Informational)

Trap/EventID 4355

Redfish Event Type Alert

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**VDR7**

**Message**
arg1 has failed.

**Arguments**
arg1 = virtual disk

**Detailed Description**
One or more physical disks included in the virtual disk have failed. If the virtual disk is non-redundant (does not use mirrored or parity data), then the failure of a single physical disk can cause the virtual disk to fail. If the virtual disk is redundant, then more physical disks have failed than you can rebuild using mirrored or parity information.

**Recommended Response Action**
Create a new virtual disk and restore from a backup.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**OMSA Event ID**
2056

**OMSA Trap ID**
1204010

Redfish Event Type Alert

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VDR8

Message  
arg1 has become degraded.

Arguments  
arg1 = virtual disk

Detailed Description  
This message occurs when a physical disk in the disk group was removed or when a physical disk included in a redundant virtual disk fails. Because the virtual disk is redundant (uses mirrored or parity information) and only one physical disk has failed, the virtual disk can be rebuilt.

Recommended Response Action  
Configure a hot spare for the virtual disk if it is not already configured. Rebuild the virtual disk. If a physical disk was removed from the disk group, either replace the disk or restore the original disk.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 1 (Critical)

Trap/EventID  
4353

OMSA Event ID  
2057

OMSA Trap ID  
120300

Redfish Event Type  
Alert

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VDR9

Message  
arg1 consistency check has started.

Arguments  
arg1 = virtual disk

Detailed Description  
A consistency check operation on a virtual disk has started.
Recommended Response Action: No response action is required.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2058
OMSA Trap ID: 120100

Redfish Event Type: Alert

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**VDR91**

Message: Consistency check for arg1 has detected multiple uncorrectable medium errors.
Arguments: arg1 = virtual disk
Detailed Description: This message occurs if there are medium errors in the physical drives.

Recommended Response Action: Replace the failed drives.

Category: Storage (VDR = Virtual Disk)
Severity: Severity 1 (Critical)
Trap/EventID: 4353
OMSA Event ID: 2396
OMSA Trap ID: 120400

Redfish Event Type: Alert

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VDR92

Message
Consistency check for arg1 has completed with uncorrectable errors.

Arguments
arg1 = virtual disk

Detailed Description
This message occurs if there are medium errors in the physical drives.

Recommended Response Action
Replace the failed drives.

Category
Storage (VDR = Virtual Disk)

Severity
Severity 1 (Critical)

Trap/EventID
4353

OMSA Event ID
2397

OMSA Trap ID
120400

Redfish Event Type
Alert

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
Remote System Log
WS Eventing
Redfish Eventing

iDRAC ✔
CMC ✔

VDR93

Message
arg1 bad block medium error is cleared.

Arguments
arg1 = VD Name

Detailed Description
This alert message occurs if there are medium errors in the physical drives.

Recommended Response Action
No response action is required.

Category
Storage (VDR = Virtual Disk)
Severity: Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2389
OMSA Trap ID: 120100
Redfish Event Type: Alert

<table>
<thead>
<tr>
<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
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</thead>
<tbody>
<tr>
<td>iDRAC</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>CMC</td>
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<td>✔*</td>
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</tr>
</tbody>
</table>

**VDR94**

**Message**
Controller preserved cache was recovered for `arg1`.

**Arguments**
`arg1` = virtual disk

**Detailed Description**
This message occurs if the controller pinned cache is recovered.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

Trap/EventID: 4355
OMSA Event ID: 2381
OMSA Trap ID: 75100
Redfish Event Type: Alert

<table>
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<tr>
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</tr>
</tbody>
</table>
VDR95

Message: Unable to log block arg1. Bad block table on arg2 is full.

Arguments: arg1 = arg, arg2 = VD Name

Detailed Description: This alert message occurs if the virtual disk has bad blocks.

Recommended Response Action: Replace the disk in the Virtual disk, generating this alert and restore from backup. You may have lost data.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355

Redfish Event Type: Alert

VDR96

Message: Bad block table on arg1 is 80 percent full.

Arguments: arg1 = virtual disk

Detailed Description: This message occurs if the virtual disk has bad blocks.

Recommended Response Action: Replace the disk in the Virtual disk, generating this message.

Category: Storage (VDR = Virtual Disk)

Severity: Severity 3 (Informational)

Trap/EventID: 4355
Redfish Event Type: Alert

<table>
<thead>
<tr>
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</table>

**VDR97**

**Message**
Patrol Read corrected a media error on arg1.

**Arguments**
arg1 = VD Name

**Detailed Description**
The Patrol Read task has encountered an error such as a bad disk block and remapped data to correct the error.

**Recommended Response Action**
No response action is required.

**Category**
Storage (VDR = Virtual Disk)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**OMSA Event ID**
2271

**OMSA Trap ID**
90100

Redfish Event Type: Alert

<table>
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</table>

**VDR98**

**Message**
arg1 has switched active controllers. Its active path is now through arg2.
Arguments  
arg1 = virtual disk, arg2 = controller name

Detailed Description  
The virtual disk identified in the message has changed active paths. This can be because of an attempt to optimize the throughput of the system or it could be because of a controller failover.

Recommended Response Action  
No response action is required.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 3 (Informational)

Trap/EventID  
4355

Redfish Event Type  
Alert

<table>
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</table>

VDR99

Message  
arg1 is unavailable because of an ID conflict in the fault-tolerant pair.

Arguments  
arg1 = virtual disk

Detailed Description  
The virtual disk identified in the message cannot be used because of an ID conflict with another virtual disk.

Recommended Response Action  
Power cycle the system chassis to restore the virtual disk. If this does not correct the problem then contact your service provider.

Category  
Storage (VDR = Virtual Disk)

Severity  
Severity 2 (Warning)

Trap/EventID  
4354

Redfish Event Type  
Alert

<table>
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<td>✔*</td>
</tr>
</tbody>
</table>
VF Event Messages

VF001

Message: Command successful.
Detailed Description: The command was successful
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VF002

Message: General failure
Detailed Description: The operation did not complete successfully because of an internal issue with the firmware.
Recommended Response Action: Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.
Category: Configuration (VF = vFlash Media)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

VF003

Message: Missing required parameter: arg1
Arguments: arg1 = parameter name
Detailed Description: The required input parameter identified in the message is missing.
Recommended Response Action: Refer the iDRAC and Lifecycle Controller User Guides for the required input parameters for this method.
VF004

Message: Invalid value for the parameter: arg1
Arguments: arg1 = parameter name
Detailed Description: The value of the input parameter identified in the message is not a valid value.
Recommended Response Action: Refer the iDRAC and Lifecycle Controller User Guides for the required input parameters for this method.

VF005

Message: Empty partition creation successful
Detailed Description: A partition with no image was created.
Recommended Response Action: No response action is required.

VF006

Message: Empty partition creation failed
Detailed Description: Creating a partition without image failed.
Recommended Response Action: Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.
<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (VF = vFlash Media)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**VF0060**

**Message**
Unable to perform the requested operation. Make sure the SD card is inserted and enabled.

**Detailed Description**
The SD card was not detected. Therefore, the requested operation cannot be completed.

**Recommended Response Action**
Verify whether the SD card is inserted and enabled, then re-try.

<table>
<thead>
<tr>
<th>Category</th>
<th>System Health (VF = vFlash Media)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**VF007**

**Message**
Image partition creation successful

**Detailed Description**
A partition with an image was created.

**Recommended Response Action**
No response action is required.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (VF = vFlash Media)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

**VF008**

**Message**
Image partition creation did not complete successfully.

**Detailed Description**
Creating a partition with an image did not complete successfully.

**Recommended Response Action**
Do one of the following: 1) Rerun the command after about 2 minutes, 2) Reset iDRAC and rerun the command.

<table>
<thead>
<tr>
<th>Category</th>
<th>Configuration (VF = vFlash Media)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
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<td>Redfish Event Type</td>
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*No alerts are applicable for this message*

### VF009

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition formatting successful</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The specified partition was formatted.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF010

<table>
<thead>
<tr>
<th>Message</th>
<th>Partition formatting did not complete successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>Formatting the specified partition did not complete successfully.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Do one of the following: 1) Rerun the command after about 2 minutes 2) Reset iDRAC and rerun the command.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

### VF011

<table>
<thead>
<tr>
<th>Message</th>
<th>Wrong password</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The specified password was not correct.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify the password supplied.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
</tbody>
</table>
VF012

Message: SD card not present
Detailed Description: There is no SD card detected.
Recommended Response Action: Check the SD card slot.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF013

Message: SD card locked
Detailed Description: The SD card is locked by another operation.
Recommended Response Action: Rerun the command after about 2 minutes
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF014

Message: vFlash not disabled
Detailed Description: Enabling vFlash was not successful because the vFlash feature is not disabled.
Recommended Response Action: The vFlash is enabled and any attempt to enable it will not be successful.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message
VF015

Message: vFlash not enabled
Detailed Description: Disabling vFlash was not successful because the vFlash feature is not enabled.
Recommended Response Action: The vFlash is disabled and an attempts to disable it will not be successful.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

VF016

Message: SD card is read only
Detailed Description: The SD card is not writable.
Recommended Response Action: Check the write-protection tab of the SD card.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VF017

Message: SD card not initialized
Detailed Description: The SD card is not initialized.
Recommended Response Action: In order to perform this operation, first initialize the SD Card.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
VF018
Message: Invalid partition index
Detailed Description: The specified partition index is not valid for the command.
Recommended Response Action: Check that the partition exists.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
No alerts are applicable for this message

VF019
Message: Not enough space on SD card
Detailed Description: The SD card is full.
Recommended Response Action: Check all the partitions, delete the ones that are not necessary and try this operation again.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message

VF020
Message: Exceeded maximum number of partitions
Detailed Description: The number of partitions exceeded the maximum number allowed on a SD card.
Recommended Response Action: This SD card has reached the partition limit. Delete any partitions that are not necessary and try again.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
No alerts are applicable for this message
**VF021**

**Message**
Exceeded maximum partition size of 4GB

**Detailed Description**
The size specified is greater than the maximum allowed for a partition.

**Recommended Response Action**
Try a partition size that is smaller than 4GB and the available space on the card.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF022**

**Message**
Partition size below minimum

**Detailed Description**
The size specified is lower than the minimum allowed for a partition.

**Recommended Response Action**
Try a larger partition size.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VF023**

**Message**
Partition label not unique

**Detailed Description**
Partition with this label exists. Duplicate labels are not supported.

**Recommended Response Action**
Try a different partition label.

**Category**
Configuration (VF = vFlash Media)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message
VF024

Message: Partition locked
Detailed Description: The partition is locked by another operation.
Recommended Response Action: Wait for the partition to be unlocked and check the partition status to see if it is attached.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF025

Message: Partition is read only
Detailed Description: Partition is read only
Recommended Response Action: To perform a write operation on this partition, change its access type to read-write and try this operation again.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VF026

Message: Partition index in use
Detailed Description: This partition index has already been used.
Recommended Response Action: This partition index has already been used. Try a different index.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
VF027

Message: Partition already attached
Detailed Description: This partition is attached and attempts to attach it will fail.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

VF028

Message: Partition already detached
Detailed Description: This partition is detached and attempts to detach it will fail.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message.

VF029

Message: Insufficient permission
Detailed Description: The user account credentials provided for this vFlash operation do not have the correct privileges. Virtual Media Access privilege is required to perform vFlash SD Card media operations.
Recommended Response Action: Use a different user account that has Virtual Media Access privilege.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message.
| **VF030** |
|-----------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| **Message**     | Invalid hash type               | **Detailed**    | The specified hash type is not a valid type. | **Recommended** | Provide a valid hash type. |
| **Description** |                                 | **Response Action** |                                           | **Category**    | Configuration (VF = vFlash Media) |
| **Severity**    |                                 | **Severity**    |                                               | **Redfish Event Type** | Alert |
| **Redfish Event Type** |                             | **Severity**    |                                               | **Redfish Event Type** |                             |
| **No alerts are applicable for this message** |                             | **No alerts are applicable for this message** |                             | **No alerts are applicable for this message** |

| **VF031** |
|-----------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| **Message**     | Invalid partition label.        | **Detailed**    | The specified partition label is not a valid label. | **Recommended** | Try a label that complies with the standards for an OS volume label. |
| **Description** |                                 | **Response Action** |                                           | **Category**    | Configuration (VF = vFlash Media) |
| **Severity**    |                                 | **Severity**    |                                               | **Redfish Event Type** | Alert |
| **Redfish Event Type** |                             | **Severity**    |                                               | **Redfish Event Type** |                             |
| **No alerts are applicable for this message** |                             | **No alerts are applicable for this message** |                             | **No alerts are applicable for this message** |

| **VF032** |
|-----------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| **Message**     | Invalid partition type.         | **Detailed**    | The specified partition type is not a valid type. | **Recommended** | Try a partition type that is supported. |
| **Description** |                                 | **Response Action** |                                           | **Category**    | Configuration (VF = vFlash Media) |
| **Severity**    |                                 | **Severity**    |                                               | **Redfish Event Type** | Alert |
| **Redfish Event Type** |                             | **Severity**    |                                               | **Redfish Event Type** |                             |
| **No alerts are applicable for this message** |                             | **No alerts are applicable for this message** |                             | **No alerts are applicable for this message** |
### VF033

**Message**  
Invalid partition format type.

**Detailed Description**  
The specified format type is not a valid type.

**Recommended Response Action**  
Try a format type that is supported.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### VF034

**Message**  
Invalid partition access type.

**Detailed Description**  
The specified partition access type is not a valid type.

**Recommended Response Action**  
Try a partition access type that is supported.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### VF035

**Message**  
Invalid image.

**Detailed Description**  
The image file is not valid.

**Recommended Response Action**  
Check the image file provided.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
**VF036**

<table>
<thead>
<tr>
<th>Message</th>
<th>Attach partition successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The partition was attached.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**VF037**

<table>
<thead>
<tr>
<th>Message</th>
<th>Attach partition operation did not complete successfully.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The attaching partition operation did not complete successfully.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*

**VF038**

<table>
<thead>
<tr>
<th>Message</th>
<th>Detach partition successful</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The partition was detached.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

*No alerts are applicable for this message*
VF039

Message  Detach partition operation did not complete successfully.
Detailed Description  The detaching partition operation did not complete successfully.
Recommended Response Action  No response action is required.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

VF040

Message  Image hash verification was not successful.
Detailed Description  The downloaded image did not successfully complete the hash verification.
Recommended Response Action  Try the download again. If this issue persists, check the network connectivity.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message

VF041

Message  Remote mount was not successful.
Detailed Description  The remote share could not be mounted.
Recommended Response Action  Try the operation again. If this problem persists, check your login credentials and network.
Category  Configuration (VF = vFlash Media)
Severity  Severity 2 (Warning)
Redfish Event Type  Alert

No alerts are applicable for this message
VF042

<table>
<thead>
<tr>
<th>Message</th>
<th>Remote file missing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The remote file could not be found.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Check the mount area.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

VF043

<table>
<thead>
<tr>
<th>Message</th>
<th>Remote file too large.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The file size is too large to be used.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Try a smaller file.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message

VF044

<table>
<thead>
<tr>
<th>Message</th>
<th>TFTP download operation was not successful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>File transfer was not successful. This could be because of network problems or an operational problem with the file server.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Try the download again. If the issue persists, validate that the network share is operational.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration (VF = vFlash Media)</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
</tr>
</tbody>
</table>

No alerts are applicable for this message
### VF045

**Message**  
FTP download operation was not successful.

**Detailed Description**  
File transfer was not successful. This could be because of network problems or an operational problem with the file server.

**Recommended Response Action**  
Try the download again. If the issue persists, validate that the network share is operational.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### VF046

**Message**  
HTTP download operation was not successful.

**Detailed Description**  
File transfer was not successful. This could be because of network problems or an operational problem with the file server.

**Recommended Response Action**  
Try the download again. If the issue persists, validate that the network share is operational.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*

### VF047

**Message**  
Unsupported SD Card.

**Detailed Description**  
This is not a Dell-licensed VFlash.

**Recommended Response Action**  
This feature requires a Dell SD card.

**Category**  
Configuration (VF = vFlash Media)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

*No alerts are applicable for this message*
VF048
Message: Initialize media successful.
Detailed Description: The SD card was initialized.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VF049
Message: Initialize media operation did not complete successfully.
Detailed Description: The initializing SD card operation did not complete successfully.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

No alerts are applicable for this message

VF050
Message: Export partition successful.
Detailed Description: The partition was copied.
Recommended Response Action: No response action is required.
Category: Configuration (VF = vFlash Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
VF051

Message       Export partition operation did not complete successfully.
Detailed Description       The copying partition operation did not complete successfully.
Recommended Response Action       No response action is required.
Category       Configuration (VF = vFlash Media)
Severity       Severity 2 (Warning)
Redfish Event Type       Alert

No alerts are applicable for this message

VF052

Message       Media not ready.
Detailed Description       The device is not ready to access media information.
Recommended Response Action       Try the operation later again.
Category       Configuration (VF = vFlash Media)
Severity       Severity 2 (Warning)
Redfish Event Type       Alert

No alerts are applicable for this message

VF053

Message       Unable to CreatePartition because the URI and Share Type entered do not match.
Detailed Description       CreatePartitionUsingImage method cannot be completed because the URI and Share Type entered do not match.
Recommended Response Action       Make sure that the URI and Share Type match, and then retry the operation.
Category       Configuration (VF = vFlash Media)
Severity       Severity 3 (Informational)
Redfish Event Type       Alert

No alerts are applicable for this message
VFL Event Messages

VFL0001

Message
The vFlash SD Card operation is successful.

Detailed Description
The requested operation for the vFlash SD Card completed successfully.

Recommended Response Action
No response action is required.

Category
Configuration (VFL = vFlash Event)

Severity
Severity 3 (Informational)

Redfish Event Type
Alert

No alerts are applicable for this message

VFL0002

Message
Unable to query the vFlash media status.

Detailed Description
The status of vFlash SD Card or the vFlash media partition cannot be obtained, because some of the iDRAC services are busy.

Recommended Response Action
Retry the operation. If the issue persists, restart the iDRAC and retry the operation. If the issue continues to persist, contact your service provider.

Category
System Health (VFL = vFlash Event)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

VFL0003

Message
Partition arg1 does not exist.

Arguments
arg1 = partition number

Detailed Description
The partition number identified in the message cannot be queried, because identified partition does not exist.

Recommended Response Action
Use a partition number of an existing partition for the requested operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0004
Message: Unable to perform the vFlash media operation.
Detailed Description: The requested vFlash media operation could not be performed, because some of the iDRAC services are busy.
Recommended Response Action: Retry the operation. If the issue persists, restart the iDRAC and retry the operation. If the issue continues to persist, contact your service provider.

VFL0005
Message: No vFlash partitions exist.
Detailed Description: There are no vFlash partitions available currently for the display.
Recommended Response Action: No response action is required.

VFL0007
Message: No vFlash SD card is present.
Detailed Description: The operations could not be completed because a vFlash SD Card is not detected.
Recommended Response Action: Confirm an SD Card is present in the vFlash SD Card reader slot. Otherwise, insert an SD Card and retry the operation.

Category: System Health (VFL = vFlash Event)
VFL0009

Message: vFlash media is currently in use by another operation.
Detailed Description: Unable to access the vFlash media, because another operation is currently using the vFlash media.
Recommended Response Action: Wait until the vFlash media is available for the requested operation, and then retry the operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

VFL0010

Message: An operation is in progress on the SD card.
Detailed Description: Another operation is currently in progress on the SD card.
Recommended Response Action: Wait until the current operation is completed, and then retry the requested operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0011

Message: vFlash media is not disabled.
Detailed Description: The vFlash media is not disabled.
Recommended Response Action: Disable the vFlash media by running the command racadm set idrac.vFlashSD.Enable 0.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0012

Message: vFlash media is not enabled.
Detailed Description: The vFlash media is not enabled.
Recommended Response Action: Enable the vFlash media by running the command racadm set idrac.vFlashSD.Enable 1.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0013

Message: The vFlash SD Card is in read-only mode.
Detailed Description: The request could not be successfully completed, because the vFlash SD Card is in read-only mode. Write operations cannot be performed on the card.
Recommended Response Action: Change the access mode on the vFlash SD Card to read-write.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0014

Message: The vFlash SD card is not initialized.
Detailed Description: The vFlash SD card is not initialized. Either the card is not properly formatted or it may not be supported.
Recommended Response Action: Format the vFlash SD card by running the command "racadm vflashsd initialize". Make sure that the card is supported by contacting your service provider for a list of supported SD card types.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
VFL0015
Message: vFlash media partition is of read-only type.
Detailed Description: The request could not be successfully completed, because the vFlash SD Card partition is in read-only mode. Write operations cannot be performed on the card partition.
Recommended Response Action: Change the partition access type to read-write by running the command racadm set idrac.vFlashPartition.<index>.accesstype 1.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0016
Message: vFlash media partition is already in attached state.
Detailed Description: The requested vFlash media partition is already attached to the host operating system.
Recommended Response Action: No response action is required.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

VFL0017
Message: Unable to perform the vFlash media operation because the vFlash media partition is corrupted.
Detailed Description: The file system on the specified vFlash media partition could not be recognized. Data on the partition may be corrupted.
Recommended Response Action: Format the vFlash SD Card using the racadm vflashsd initialize command and retry the operation.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
VFL0018

Message: The requested operation is in progress.
Detailed Description: The requested operation is currently in progress.
Recommended Response Action: Wait for the requested operation to complete.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0019

Message: The vFlash media partition is already in detached state.
Detailed Description: The requested vFlash media partition is already detached from the host operating system.
Recommended Response Action: No response action is required.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0020

Message: vFlash SD card is not ready.
Detailed Description: The vFlash SD card is currently in use by another operation.
Recommended Response Action: Wait for the current vFlash SD card operation to finish, and then retry.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

No alerts are applicable for this message
VFL0021

Message  One of the vFlash SD Card partitions is already attached to the host operating system.

Detailed Description  The requested operation cannot be performed if one of the vFlash SD cards is in an attached state.

Recommended Response Action  Detach the vFlash SD Card partitions by running the racadm command "racadm set iDRAC.vflashpartition.<partition number>.attachstate 0", and retry the operation.

Category  System Health (VFL = vFlash Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

VFL0703

Message  The SD card initialization was successful.

Detailed Description  None

Recommended Response Action  No response action is required.

Category  Configuration (VFL = vFlash Event)

Severity  Severity 3 (Informational)

Redfish Event Type  Alert

No alerts are applicable for this message

VFL0704

Message  SD card is not present and could not be initialized.

Detailed Description  None

Recommended Response Action  Insert the SD card and try again.

Category  Configuration (VFL = vFlash Event)

Severity  Severity 1 (Critical)

Redfish Event Type  Alert

No alerts are applicable for this message
### VFL0705

**Message:** Error occurred and SD card could not be initialized.

**Detailed Description:** An error has occurred while initializing the SD card. The SD card is not present or vFlash is not enabled, or the SD card is write-protected.

**Recommended Response Action:** Re-insert the SD card, enable the SD card, or disable write-protection on the SD card. Then try to initialize the SD card again.

**Category:** Configuration (VFL = vFlash Event)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

*No alerts are applicable for this message*

### VFL0708

**Message:** SD card is busy with another operation and could not be initialized.

**Detailed Description:** none

**Recommended Response Action:** Retry after a few minutes.

**Category:** Configuration (VFL = vFlash Event)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

*No alerts are applicable for this message*

### VFL0710

**Message:** vFlash is not enabled; the SD card could not be initialized.

**Detailed Description:** none

**Recommended Response Action:** Enable vFlash and try again.

**Category:** Configuration (VFL = vFlash Event)

**Severity:** Severity 1 (Critical)

**Redfish Event Type:** Alert

*No alerts are applicable for this message*
VFL0711

Message: SD card is write-protected and could not be initialized.
Detailed Description: An error occurred while initializing the SD card because the SD card write-protection feature is enabled.
Recommended Response Action: Move the SD card write-protection tab to the disabled position and try again.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0712

Message: One or more partitions are busy with another operation; the SD card could not be initialized.
Detailed Description: None
Recommended Response Action: Retry the task after a few minutes
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0713

Message: One or more partitions are currently attached; the SD card could not be initialized.
Detailed Description: None
Recommended Response Action: Detach the partitions and try again.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message
VFL0714

Message: SD card is not ready and could not be initialized.
Detailed Description: none
Recommended Response Action: Retry after a few minutes.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0715

Message: Error occurred while initializing the SD Card due to insufficient permission.
Detailed Description: None
Recommended Response Action: Contact the administrator for the required permissions and try again.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message

VFL0716

Message: SD Card is not a vFlash SD Card; the SD card could not be initialized.
Detailed Description: An error has occurred while initializing SD Card because the SD card is not an approved vFlash SD card.
Recommended Response Action: Insert a vFlash SD card and try again.
Category: Configuration (VFL = vFlash Event)
Severity: Severity 1 (Critical)
Redfish Event Type: Alert

No alerts are applicable for this message
**VFL0719**

**Message**
One or more partitions are in use; the SD card could not be initialized.

**Detailed Description**
The SD card is in use by another process. Initialization requires exclusive access to the SD card to complete the initialization.

**Recommended Response Action**
The SD card is in use by another process. Retry after a few minutes.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**VFL0721**

**Message**
Error occurred while initializing the SD Card due to a timeout.

**Detailed Description**
The SD card Initialization did not complete within the maximum process allotted time.

**Recommended Response Action**
Retry after a few minutes.

**Category**
Configuration (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

---

**VFL1001**

**Message**
Removable Flash Media *arg1* is present.

**Arguments**
*arg1* = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2507

**Redfish Event Type**
Alert
### VFL1002

**Message**
Removable Flash Media `arg1` is IPMI-function ready.

**Arguments**
`arg1` = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

### VFL1003

**Message**
Removable Flash Media `arg1` is not IPMI-function ready.

**Arguments**
`arg1` = name

**Detailed Description**
The removable flash media is installed but improperly configured or failed to initialize.

**Recommended Response Action**
If unintended, reinstall the flash media and module.
Category: System Health (VFL = vFlash Event)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

VFL1004

Message: Removable Flash Media arg1 is ready.
Arguments: arg1 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (VFL = vFlash Event)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy
--- | --- | --- | --- | --- | --- | ---
iDRAC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔
CMC | ✔ | ✔ | ✔ | ✔ | ✔ | ✔

VFL1005

Message: Removable Flash Media arg1 is not ready.
Arguments: arg1 = name
Detailed Description: The media is being prepared or is under maintenance. If the problem persists, reinstall the card.

Recommended Response Action: Please wait for the media to be ready.

Category: System Health (VFL = vFlash Event)

Severity: Severity 2 (Warning)

Redfish Event Type: Alert

### VFL1006

**Message**: Removable Flash Media arg1 is offline.

**Arguments**: arg1 = name

**Detailed Description**: At boot, the Card Identification (CID) signature of the card is different from the Non-volatile (NV) storage value or the card is the destination of a copy operation that is in-progress.

**Recommended Response Action**: If unintended, reinstall the flash media.

**Category**: System Health (VFL = vFlash Event)

**Severity**: Severity 2 (Warning)

**Redfish Event Type**: Alert
**VFL1007**

**Message**
Removable Flash Media `arg1` is online.

**Arguments**
`arg1 = name`

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>Remote System Log</th>
<th>WS Eventing</th>
<th>Redfish Eventing</th>
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<tbody>
<tr>
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<td></td>
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<td>CMC</td>
<td></td>
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</tr>
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<table>
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<tr>
<th>LC Log</th>
<th>LCD</th>
<th>OS Log</th>
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</table>

**VFL1008**

**Message**
Failure detected on Removable Flash Media `arg1`.

**Arguments**
`arg1 = name`

**Detailed Description**
An error is reported during a SD card read or write.

**Recommended Response Action**
Re-install the flash media, if the issue persists replace the media.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2505

**LCD Message**
Removable Flash Media `<name>` failed. Check SD Card

**Redfish Event Type**
Alert
### VFL1009

**Message**
Removable Flash Media arg1 is operating normally.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2507

**Redfish Event Type**
Alert

---

### VFL1010

**Message**
Removable Flash Media arg1 was activated.

**Arguments**
arg1 = name

**Detailed Description**
None
**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2507

**Redfish Event Type**
Alert

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</table>

**VFL1011**

**Message**
Removable Flash Media \textit{arg1} was deactivated.

**Arguments**
\textit{arg1} = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VFL = vFlash Event)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2507

**Redfish Event Type**
Alert

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</table>
VFL1012

Message       Removable Flash Media arg1 is booting.
Arguments     arg1 = name
Detailed Description     None
Recommended Response Action     No response action is required.
Category     System Health (VFL = vFlash Event)
Severity     Severity 3 (Informational)
Redfish Event Type     Alert

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VFL1013

Message       Removable Flash Media arg1 has finished booting.
Arguments     arg1 = name
Detailed Description     None
Recommended Response Action     No response action is required.
Category     System Health (VFL = vFlash Event)
Severity     Severity 3 (Informational)
Redfish Event Type     Alert

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</table>

**VFL1014**

**Message**  Removable Flash Media arg1 is write protected.

**Arguments**  \( \text{arg1} = \text{name} \)

**Detailed Description**  The card is write-protected by the physical latch on the SD card. IDSDM cannot use a write-protected card.

**Recommended Response Action**  if unintended, remove the media and disable write protection.

**Category**  System Health (VFL = vFlash Event)

**Severity**  Severity 2 (Warning)

**Trap/EventID**  2506

**LCD Message**  Removable Flash Media *name* is write protected. Check SD Card

**Redfish Event Type**  Alert

**VFL1015**

**Message**  Removable Flash Media arg1 is writable.

**Arguments**  \( \text{arg1} = \text{name} \)

**Detailed Description**  None

**Recommended Response Action**  No response action is required.

**Category**  System Health (VFL = vFlash Event)

**Severity**  Severity 3 (Informational)
VFL1016

Message: Media not present for Removable Flash Media arg1.

Arguments: arg1 = name

Detailed Description: The SD card is not detected or not installed.

Recommended Response Action: If unintended, reinstall the flash media.

Category: System Health (VFL = vFlash Event)

Severity: Severity 1 (Critical)

Redfish Event Type: Alert

VFL1017

Message: Media is present for Removable Flash Media arg1.

Arguments: arg1 = name
**Detailed Description**  
None

**Recommended Response Action**  
No response action is required.

**Category**  
System Health (VFL = vFlash Event)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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VFLA Event Messages

VFLA1000

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<thead>
<tr>
<th>Message</th>
<th>Removable Flash Media arg1 is absent.</th>
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<tr>
<td>Arguments</td>
<td>arg1 = name</td>
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<tr>
<td>Detailed Description</td>
<td>None</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health (VFLA = vFlash Absent)</td>
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<tr>
<td>Severity</td>
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2505
## VLT Event Messages

### VLT0100

**Message**
Processor module arg1 voltage is less than the lower warning threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

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### VLT0101

**Message**
Processor module arg1 voltage is less than the lower critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 1 (Critical)

**LCD Message**  
Processor module `<name>` voltage is outside of range. Contact support

**Redfish Event Type**  
Alert

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**VLT0102**

**Message**  
Processor module `arg1` voltage is greater than the upper warning threshold.

**Arguments**  
`arg1 = name`

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**  
1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 2 (Warning)

**Redfish Event Type**  
Alert

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**LC Log**  
```
VLT0102
Message: Processor module `<name>` voltage is greater than the upper warning threshold.
Arguments: arg1 = `<name>`
Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (VLT = Voltage)
Severity: Severity 2 (Warning)
Redfish Event Type: Alert
```
VLT0103

Message  Processor module arg1 voltage is greater than the upper critical threshold.
Arguments  arg1 = name
Detailed Description  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action  1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (VLT = Voltage)
Severity  Severity 1 (Critical)

VLT0104

Message  Processor module arg1 voltage is outside of range.
Arguments  arg1 = name
Detailed Description  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action  1) Review system logs for power supply exceptions. 2) Remove the processor module. Inspect processor socket for bent pins. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (VLT = Voltage)
Severity  Severity 1 (Critical)
Trap/EventID: 2169

LCD Message: Processor module `<name>` voltage is outside of range. Contact support.

Redfish Event Type: Alert

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LC Log | LCD | OS Log | Power Off | Power Cycle | Reset | Chassis Event Proxy

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**VLT0105**

**Message:** Processor module `arg1` voltage is within range.

**Arguments:** `arg1` = name

**Detailed Description:** None

**Recommended Response Action:** No response action is required.

**Category:** System Health (VLT = Voltage)

**Severity:** Severity 3 (Informational)

Trap/EventID: 2171

Redfish Event Type: Alert

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**VLT0200**

**Message:** The system board `arg1` voltage is less than the lower warning threshold.
Arguments: \( \text{arg1} = \) name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert

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</table>

VLT0201

Message: The system board \( \text{arg1} \) voltage is less than the lower critical threshold.

Arguments: \( \text{arg1} = \) name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

Trap/EventID: 2169

LCD Message: The system board <name> voltage is outside of range. Contact support

Redfish Event Type: Alert
VLT0202

Message
The system board arg1 voltage is greater than the upper warning threshold.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)

Trap/EventID
2170

Redfish Event Type
Alert

VLT0203

Message
The system board arg1 voltage is greater than the upper critical threshold.

Arguments
arg1 = name
Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)
Severity Severity 1 (Critical)
Trap/EventID 2169

LCD Message The system board <name> voltage is outside of range. Contact support

Redfish Event Type Alert

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VLT0204

Message The system board arg1 voltage is outside of range.
Arguments arg1 = name
Detailed Description System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)
Severity Severity 1 (Critical)
Trap/EventID 2169

LCD Message System board voltage is outside of range. Contact support

Redfish Event Type Alert
### VLT0205

**Message**
The system board arg1 voltage is within range.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2171

**Redfish Event Type**
Alert

---

### VLT0206

**Message**
The memory module arg1 arg2 voltage is less than the lower warning threshold.

**Arguments**
arg1 = number, arg2 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action

1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)

Severity Severity 2 (Warning)

Trap/EventID 2170

Redfish Event Type Alert

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VLT0207

Message The memory module arg1 arg2 voltage is less than the lower critical threshold.

Arguments arg1 = number, arg2 = name

Detailed Description System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action 1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)

Severity Severity 1 (Critical)

Trap/EventID 2169

LCD Message Memory module <number> <name> voltage is outside of range. Contact support

Redfish Event Type Alert

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VLT0208

Message The memory module arg1 arg2 voltage is greater than the upper warning threshold.

Arguments arg1 = number, arg2 = name

Detailed Description System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action 1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)

Severity Severity 2 (Warning)

Trap/EventID 2170

Redfish Event Type Alert

VLT0209

Message The memory module arg1 arg2 voltage is greater than the upper critical threshold.

Arguments arg1 = number, arg2 = name

Detailed Description System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action 1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health (VLT = Voltage)
Severity: Severity 1 (Critical)
Trap/EventID: 2169
LCD Message: Memory module <number> <name> voltage is outside of range. Contact support

Redfish Event Type: Alert

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</table>

**VLT0210**

Message: The memory module arg1 arg2 voltage is outside of range.

Arguments: 
- arg1 = number,
- arg2 = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 
1) Review system logs for power supply exceptions. 2) Reseat the memory module.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)
Severity: Severity 1 (Critical)
Trap/EventID: 2169
LCD Message: Memory module <number> <name> voltage is outside of range. Contact support

Redfish Event Type: Alert

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2516
VLT0211

Message: The memory module $arg1$ $arg2$ voltage is within range.

Arguments: $arg1$ = number, $arg2$ = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health (VLT = Voltage)

Severity: Severity 3 (Informational)

Trap/EventID: 2171

Redfish Event Type: Alert

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | Remote System Log | WS Eventing | Redfish Eventing
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iDRAC | ✓ | ✓* | ✓ | ✓ | ✓ | ✓
CMC

VLT0212

Message: The disk drive bay $arg1$ voltage is less than the lower warning threshold.

Arguments: $arg1$ = name

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)
VLT0213

Message
The disk drive bay arg1 voltage is less than the lower critical threshold.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

Redfish Event Type
Alert
**VLT0214**

**Message**  
The disk drive bay $arg1$ voltage is greater than the upper warning threshold.

**Arguments**  
$arg1 = name$

**Detailed Description**  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**  
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2170

**Redfish Event Type**  
Alert

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</table>
VLT0216

Message
The disk drive bay \texttt{arg1} voltage is outside of range.

Arguments
\texttt{arg1} = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat hard disks in the bay. Reconnect all cables attached to the bay. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

Redfish Event Type
Alert
VLT0217

Message
The disk drive bay arg1 voltage is within range.

Arguments
arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health (VLT = Voltage)

Severity
Severity 3 (Informational)

Trap/EventID
2171

Redfish Event Type
Alert

---

VLT0218

Message
The arg1 voltage is less than the lower warning threshold.

Arguments
arg1 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 2 (Warning)

Trap/EventID
2170

Redfish Event Type
Alert
VLT0219

**Message**
The `arg1` voltage is less than the lower critical threshold.

**Arguments**
`arg1` = `name`

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions
2) Reduce system to minimum configuration, inspect and re-install system cables.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
The `<name>` voltage is outside of range. Contact support

**Redfish Event Type**
Alert

---

VLT0220

**Message**
The `arg1` voltage is greater than the upper warning threshold.
Arguments: \( \text{arg1} = \text{name} \)

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert

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**VLT0221**

Message: The \( \text{arg1} \) voltage is greater than the upper critical threshold.

Arguments: \( \text{arg1} = \text{name} \)

Detailed Description: System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action: 1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 1 (Critical)

Trap/EventID: 2169

LCD Message: The <name> voltage is outside of range. Contact support

Redfish Event Type: Alert
VLT0222

Message  The arg1 voltage is outside of range.
Arguments  arg1 = name
Detailed Description  System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action  1) Review system logs for power supply exceptions 2) Reduce system to minimum configuration, inspect and re-install system cables. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category  System Health (VLT = Voltage)
Severity  Severity 1 (Critical)
Trap/EventID  2169
LCD Message  Internal voltage is outside of range. Contact support
Redfish Event Type  Alert

VLT0223

Message  The arg1 voltage is within range.
Arguments  
arg1 = name

Detailed Description  
None

Recommended Response Action  
No response action is required.

Category  
System Health (VLT = Voltage)

Severity  
Severity 3 (Informational)

Trap/EventID  
2171

Redfish Event Type  
Alert

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</table>

VLT0224

Message  
The memory module arg1 voltage is less than the lower warning threshold.

Arguments  
arg1 = name

Detailed Description  
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action  
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category  
System Health (VLT = Voltage)

Severity  
Severity 2 (Warning)

Trap/EventID  
2170

Redfish Event Type  
Alert

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<tr>
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</table>
The memory module \textit{arg1} voltage is less than the lower critical threshold.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = \textit{name}

\textbf{Detailed Description} System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

\textbf{Recommended Response Action} 1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

\textbf{Category} System Health (VLT = Voltage)

\textbf{Severity} Severity 1 (Critical)

\textbf{Trap/EventID} 2169

\textbf{LCD Message} Memory module <name> voltage is outside of range. Contact support

\textbf{Redfish Event Type} Alert

\textbf{VLT0226}

\textbf{Message} The memory module \textit{arg1} voltage is greater than the upper warning threshold.

\textbf{Arguments} \hspace{1cm} \textit{arg1} = \textit{name}

\textbf{Detailed Description} System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action

1) Review system logs for power supply exceptions. 2) Reseat the memory module.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health (VLT = Voltage)
Severity Severity 2 (Warning)
Trap/EventID 2170
Redfish Event Type Alert

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<th>Power Cycle</th>
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</table>

**VLT0227**

**Message**
The memory module arg1 voltage is greater than the upper critical threshold.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in fail-safe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the memory module.
3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category** System Health (VLT = Voltage)
**Severity** Severity 1 (Critical)
**Trap/EventID** 2169
**LCD Message** Memory module <name> voltage is outside of range. Contact support
**Redfish Event Type** Alert

<table>
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</table>

2527
The memory module arg1 voltage is outside of range.

**Arguments**
arg1 = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the memory module. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
Memory module <name> voltage is outside of range. Contact support

**Redfish Event Type**
Alert

---

The memory module arg1 voltage is within range.

**Arguments**
arg1 = name

**Detailed Description**
None

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)
Message
The mezzanine card \textit{arg1} \textit{arg2} voltage is less than the lower warning threshold.
Arguments
\textit{arg1} = number, \textit{arg2} = name
Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.
Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category
System Health (VLT = Voltage)
Severity
Severity 2 (Warning)
Trap/EventID
2170
Redfish Event Type
Alert

iDRAC ✔ ✔* ✔ ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔* ✔ ✔ ✔ ✔ ✔ ✔

LC Log ✔ ✔
LCD ✔
OS Log ✔
Power Off ✔
Power Cycle ✔
Reset ✔
Chassis Event Proxy ✔

iDRAC ✔ ✔* ✔ ✔ ✔ ✔ ✔ ✔
CMC ✔ ✔* ✔ ✔ ✔ ✔ ✔ ✔

LC Log ✔ ✔
LCD ✔
OS Log ✔
Power Off ✔
Power Cycle ✔
Reset ✔
Chassis Event Proxy ✔
**VLT0231**

**Message**
The mezzanine card \textit{arg1} \textit{arg2} voltage is less than the lower critical threshold.

**Arguments**
\textit{arg1} = number, \textit{arg2} = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**Redfish Event Type**
Alert

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**VLT0232**

**Message**
The mezzanine card \textit{arg1} \textit{arg2} voltage is greater than the upper warning threshold.

**Arguments**
\textit{arg1} = number, \textit{arg2} = name

**Detailed Description**
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

**Recommended Response Action**
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2170

**Redfish Event Type**
Alert
VLT0233

Message
The mezzanine card arg1 arg2 voltage is greater than the upper critical threshold.

Arguments
arg1 = number, arg2 = name

Detailed Description
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

Recommended Response Action
1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

Redfish Event Type
Alert

VLT0234

Message
The mezzanine card arg1 arg2 voltage is outside of range.

Arguments
arg1 = number, arg2 = name
System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.

1) Review system logs for power supply exceptions. 2) Reseat the mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)
Severity: Severity 1 (Critical)
Trap/EventID: 2169
Redfish Event Type: Alert

VLT0235

Message: The mezzanine card arg1 arg2 voltage is within range.
Arguments: arg1 = number, arg2 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (VLT = Voltage)
Severity: Severity 3 (Informational)
Trap/EventID: 2171
Redfish Event Type: Alert
VLT0300

Message: CPU arg1 arg2 voltage is less than the lower warning threshold.

Arguments: arg1 = number, arg2 = name

Detailed Description: Low voltages may be the result of a problem with the voltage regulator or a problem with the processor. The low voltage may cause the processor to fail to operate.

Recommended Response Action: 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)

Severity: Severity 2 (Warning)

Trap/EventID: 2170

Redfish Event Type: Alert

iDRAC

CMC

VLT0301

Message: CPU arg1 arg2 voltage is less than the lower critical threshold.

Arguments: arg1 = number, arg2 = name

Detailed Description: Low voltages may be the result of a problem with the voltage regulator or a problem with the processor. When the critical threshold is crossed, the processor will fail to operate. The system may power down.

Recommended Response Action: 1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue
still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2169

**LCD Message**  
CPU <number> <name> voltage is outside of range. Reseat CPU

**Redfish Event Type**  
Alert

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</table>

**VLT0302**

**Message**  
CPU arg1 arg2 voltage is greater than the upper warning threshold.

**Arguments**  
arg1 = number, arg2 = name

**Detailed Description**  
High voltages may be the result of problem with the voltage regulator or a problem with the processor. Elevated voltages may result in damage to the processor or other electronic components inside the system.

**Recommended Response Action**  
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**  
System Health (VLT = Voltage)

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2170

**Redfish Event Type**  
Alert

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</table>

2534
VLT0303

Message
CPU \texttt{arg1 \texttt{arg2}} voltage is greater than the upper critical threshold.

Arguments
\texttt{arg1} = number, \texttt{arg2} = name

Detailed Description
High voltages may be the result of problem with the voltage regulator or a problem with the processor. Elevated voltages may result in damage to the processor or other system electrical components. The system may power down.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

Trap/EventID
2169

LCD Message
CPU \langle\texttt{number}\rangle \langle\texttt{name}\rangle voltage is outside of range. Reseat CPU

Redfish Event Type
Alert

VLT0304

Message
CPU \texttt{arg1 \texttt{arg2}} voltage is outside of range.

Arguments
\texttt{arg1} = number, \texttt{arg2} = name

Detailed Description
Voltages outside the allowable range may damage electrical components or may cause the system to shutdown.

Recommended Response Action
1) Turn system off and remove input power for one minute. Re-apply input power and turn system on. 2) Make sure the processor is seated correctly. 3) If the issue
still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category: System Health (VLT = Voltage)
Severity: Severity 1 (Critical)
Trap/EventID: 2169
LCD Message: CPU <number> <name> voltage is outside of range. Reseat CPU

Redfish Event Type: Alert

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VLT0305

Message: CPU arg1 arg2 voltage is within range.
Arguments: arg1 = number, arg2 = name
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health (VLT = Voltage)
Severity: Severity 3 (Informational)
Trap/EventID: 2171
Redfish Event Type: Alert

<table>
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VLT400

Message
The arg1 sensor has failed with a value arg2 Volts.

Arguments
arg1 = sensor name, arg2 = voltage

Detailed Description
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action
Do one of the following to resolve the issue:
1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board.
2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board.
3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

Category
System Health (VLT = Voltage)

Severity
Severity 1 (Critical)

OMSA Event ID
5150

Redfish Event Type
Alert

---

VLT401

Message
Unable to read arg1 sensor value.

Arguments
arg1 = sensor name

Detailed Description
A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

Recommended Response Action
Do one of the following to resolve the issue:
1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board.
2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board.
3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.
processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5151

**Redfish Event Type**
Alert

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</table>

**VLT402**

**Message**
The arg1 sensor has returned to a normal state with a value of arg2 Volts.

**Arguments**
arg1 = sensor name, arg2 = voltage

**Detailed Description**
The voltage sensor identified in the message has returned to a normal state.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 3 (Informational)

**OMSA Event ID**
5152

**OMSA Trap ID**
5152

**Redfish Event Type**
Alert

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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2538
VLT403

**Message**
The $\text{arg}_1$ sensor state has changed to a warning state with a value of $\text{arg}_2$ Volts.

**Arguments**
$\text{arg}_1$ = sensor name, $\text{arg}_2$ = voltage

**Detailed Description**
The voltage sensor identified in the message is faulty, or the voltage exceeds the preset warning threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**
System Health (VLT = Voltage)

**Severity**
Severity 2 (Warning)

**OMSA Event ID**
5153

**OMSA Trap ID**
5153

**Redfish Event Type**
Alert

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VLT404

**Message**
The $\text{arg}_1$ sensor detected an error with a value of $\text{arg}_2$ Volts.

**Arguments**
$\text{arg}_1$ = sensor name, $\text{arg}_2$ = voltage

**Detailed Description**
The voltage sensor identified in the message is faulty, or the voltage exceeds the preset critical threshold. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**
Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system
board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**: System Health (VLT = Voltage)

**Severity**: Severity 1 (Critical)

**OMSA Event ID**: 5154

**OMSA Trap ID**: 5154

**Redfish Event Type**: Alert

---

**VLT405**

**Message**: The arg1 sensor has failed with a value of arg2 Volts.

**Arguments**: arg1 = sensor name, arg2 = voltage

**Detailed Description**: A voltage sensor identified in the message may have failed. This condition can cause system performance issues and degradation in the monitoring capability of the system.

**Recommended Response Action**: Do one of the following to resolve the issue: 1) Verify the Embedded System Management (ESM) Log for any sensor related faults. If there is a failed sensor, replace the system board. 2) Re-configure the system to a minimum configuration, and verify if the sensor displays a normal value, otherwise replace the system board. 3) If the sensor identified is a processor voltage sensor, remove the processor module and inspect processor socket, and replace if required. If the issue persists, contact your service provider.

**Category**: System Health (VLT = Voltage)

**Severity**: Severity 1 (Critical)

**OMSA Event ID**: 5155

**OMSA Trap ID**: 5155

**Redfish Event Type**: Alert
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VME Event Messages

VME0001

Message: Virtual Console session started.
Detailed Description: Virtual Console session started.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert

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VME0002

Message: Virtual Media session started.
Detailed Description: Virtual Media session started.
Recommended Response Action: No response action is required.
Category: Audit (VME = Virtual Media)
Severity: Severity 3 (Informational)
Redfish Event Type: Alert
Virtual Console session fails to start.
Virtual Console session fails to start.
Retry the Virtual Console session initiation.
Audit (VME = Virtual Media)
Severity 3 (Informational)
Alert

Virtual Media session fails to start.
Virtual Media session fails to start.
Retry the Virtual Media session initiation.
Audit (VME = Virtual Media)
Severity 3 (Informational)
Alert
**Redfish Event Type**  
Alert

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| iDRAC | ✔ |
| CMC |  |

### VME0005

**Message**  
Virtual Console session exited.

**Detailed Description**  
Virtual Console session exited.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (VME = Virtual Media)

**Severity**  
Severity 3 (Informational)

**Redfish Event Type**  
Alert

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| iDRAC | ✔ |
| CMC |  |

### VME0006

**Message**  
Virtual Media session exited.

**Detailed Description**  
Virtual Media session exited.

**Recommended Response Action**  
No response action is required.

**Category**  
Audit (VME = Virtual Media)

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| iDRAC | ✔ |
| CMC |  |
Severity 3 (Informational)

**Redfish Event Type**

Alert

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**VME0007**

**Message**

Virtual Console session created.

**Detailed Description**

Virtual Console session created.

**Recommended Response Action**

No response action is required.

**Category**

Audit (VME = Virtual Media)

**Severity**

Severity 3 (Informational)

**Redfish Event Type**

Alert

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**VME0008**

**Message**

Virtual Media session created.

**Detailed Description**

Virtual Media session created.

**Recommended Response Action**

No response action is required.
### Category
Audit (VME = Virtual Media)

### Severity
Severity 3 (Informational)

### Redfish Event Type
Alert

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2546
VRM Event Messages

VRM0009

Message
No Virtual Media devices are currently connected.

Detailed Description
No virtual media was found to disconnect.

Recommended Response Action
No response action is required.

Category
System Health (VRM = Virtual Console)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

VRM0010

Message
Unable to disconnect Virtual Media devices.

Detailed Description
The virtual media could not be disconnected. Possible reason is that it might be in use.

Recommended Response Action
No response action is required.

Category
System Health (VRM = Virtual Console)

Severity
Severity 1 (Critical)

Redfish Event Type
Alert

No alerts are applicable for this message

VRM0011

Message
The Virtual Media image server is not currently connected.

Detailed Description
The Virtual Media server is already disconnected.

Recommended Response Action
No response action is required.

Category
System Health (VRM = Virtual Console)
<table>
<thead>
<tr>
<th>Severity</th>
<th>Severity 3 (Informational)</th>
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<tbody>
<tr>
<td>Redfish Event Type</td>
<td>Alert</td>
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</table>

No alerts are applicable for this message

**VRM0012**

**Message**
The Virtual Media image server is already connected.

**Detailed Description**
The Virtual Media server is already connected.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VRM0013**

**Message**
Virtual Media services is currently attached to the USB interface. It must be detached before the image server can be connected.

**Detailed Description**
Simultaneously connecting Virtual Media and USB interface is not possible.

**Recommended Response Action**
Detach the USB interface and re-try.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 2 (Warning)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VRM0014**

**Message**
Unable to determine current state of Virtual Media USB interface.

**Detailed Description**
Racadm tool was unable to get the status of the USB interface.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 1 (Critical)
**VRM0015**

**Message**
Virtual Console is ENABLED

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VRM0016**

**Message**
Virtual Console is DISABLED

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

*No alerts are applicable for this message*

**VRM0017**

**Message**
Virtual Media disconnect operation successful

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert
No alerts are applicable for this message

**VRM0018**

**Message**
Virtual Media image server operation successful

**Detailed Description**
Success message.

**Recommended Response Action**
No response action is required.

**Category**
Configuration (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VRM0019**

**Message**
Remote Image is now Configured

**Detailed Description**
The Remote Image is now configured and ready to use.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 3 (Informational)

**Redfish Event Type**
Alert

No alerts are applicable for this message

**VRM0020**

**Message**
Unable to determine current Remote Image state.

**Detailed Description**
Racadm tool failed to obtain the data.

**Recommended Response Action**
No response action is required.

**Category**
System Health (VRM = Virtual Console)

**Severity**
Severity 1 (Critical)

**Redfish Event Type**
Alert

No alerts are applicable for this message