Dell PowerEdge VRTX Chassis Management Controller Firmware
Event Message Reference Guide Version 1.0
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.

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Introduction

The Event Message Reference contains the error and event information generated by firmware and other agents that monitor system components. These events might be logged, presented to the user on one of the system management consoles, or both logged and displayed.

Each event consists of the following fields:

- **Message ID**: The unique alphanumeric identifier for the event. This identifier can be up to eight characters long and consists of two parts:
  - **Message ID**: Up to four alphabetic characters.
  - **Prefix**: Up to four numeric digits.

- **Message**: The message text that is displayed to the user or logged as a result of the event. If the message has variable content in it, the variable substitution is reflected by text in *italics*. These substitution variables are described in the **Arguments** field of the event.

- **Arguments**: Describes the values for any substitution variables appearing in the event message text. If there is no variable content in the message, this field is omitted from the event description.

- **Detailed Description**: Additional information describing the event.

- **Recommended Response Action**: The recommended action to remedy the event described. The response action can vary based on the specific platform.

- **Category**: Dell Lifecycle Controller log filter used to select a subset of messages from different domains or agents.

- **Subcategory**: Additional filter to further subset the event.

- **Trap/EventID**: The identification number used as the Trap ID for SNMP alert traps and as the Event ID when the message is logged in operating system logs.

- **Severity**: The classification of the event based on its impact to the platform or system. The severity can be:
  - **Severity 1 Critical**: Indicates a catastrophic production problem that might severely impact production systems or components, or systems are down or not functioning.
  - **Severity 2 Warning**: Indicates a high-impact problem where a system or component is disrupted but can remain productive and perform business-level operations.
<table>
<thead>
<tr>
<th><strong>Severity 3</strong></th>
<th>Indicates a medium-to-low impact problem that involves a partial or noncritical loss of functionality; operations are impaired but can continue to function.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LCD Message</strong></td>
<td>The event message text that is displayed on the system’s LCD.</td>
</tr>
<tr>
<td><strong>Initial Default</strong></td>
<td>Event messages result in event actions such as logging, SNMP or email alerts. Generally, the event actions are configurable using the Dell iDRAC event action filtering feature. This item describes the initial default and possible event actions for the message.</td>
</tr>
<tr>
<td><strong>Event Action Filter</strong></td>
<td>Describes additional configurable actions that are available for the event action for this message. This information is presented in a table, and each entry has a value of TRUE or FALSE to indicate its applicability.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Filter Visibility</strong></th>
<th>Event visible to iDRAC event filtering.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IPMI Alert</strong></td>
<td>Event can generate an IMPI alert.</td>
</tr>
<tr>
<td><strong>SNMP Alert</strong></td>
<td>Event can generate an SNMP trap.</td>
</tr>
<tr>
<td><strong>Email Alert</strong></td>
<td>Event can generate an email alert.</td>
</tr>
<tr>
<td><strong>LC Log</strong></td>
<td>Event can generate a Dell Lifecycle Controller log entry.</td>
</tr>
<tr>
<td><strong>LCD</strong></td>
<td>Event is displayed on the system’s LCD.</td>
</tr>
<tr>
<td><strong>Power Off</strong></td>
<td>Event can cause the system to power off.</td>
</tr>
<tr>
<td><strong>Power Cycle</strong></td>
<td>Event can cause the system to perform a power cycle.</td>
</tr>
<tr>
<td><strong>Reset</strong></td>
<td>Event can cause the system to perform a reset.</td>
</tr>
</tbody>
</table>
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

**SubCategory**
AMP = Amperage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2178

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

**SubCategory**
AMP = Amperage

**Severity**
Severity 1 (Critical)
**AMP0302**

**Message**

The system board \texttt{arg1}\texttt{current} is greater than the upper warning threshold.

**Arguments**

- \texttt{arg1} = \texttt{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

**SubCategory**

AMP = Amperage

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2178

**LCD Message**

No LCD message display defined.

**Initial Default**

LC Log

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

---

**AMP0303**

**Message**

The system board \texttt{arg1}\texttt{current} is greater than the upper critical threshold.

**Arguments**

- \texttt{arg1} = \texttt{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

**SubCategory**

AMP = Amperage
Severity: Severity 1 (Critical)

Trap/EventID: 2177

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

Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory: AMP = Amperage

Severity: Severity 1 (Critical)

Trap/EventID: 2177

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

Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
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<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: AMP = Amperage
Severity: Severity 3 (Informational)
Trap/EventID: 2179
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

**AMP0306**

Message: Disk drive bay \( \text{arg1} \) current is less than the lower warning threshold.

Arguments:
- \( \text{arg1} = \text{name} \)

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
SubCategory: AMP = Amperage
Severity: Severity 2 (Warning)
Trap/EventID: 2178
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

**AMP0307**

Message: Disk drive bay \( \text{arg1} \) current is less than the lower critical threshold.

Arguments:
- \( \text{arg1} = \text{name} \)

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
SubCategory: AMP = Amperage
Severity: Severity 1 (Critical)
Trap/EventID: 2177

LCD Message: Disk drive bay <name> current is outside of range. Contact Support
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**AMP0308**

Message: Disk drive bay arg1current 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
SubCategory: AMP = Amperage
Severity: Severity 2 (Warning)
Trap/EventID: 2178

LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**AMP0309**

Message: Disk drive bay arg1current 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
SubCategory: AMP = Amperage
Severity: Severity 1 (Critical)
Trap/EventID: 2177
LCD Message: Disk drive bay <name> current is outside of range. Contact Support
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

**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
SubCategory: AMP = Amperage
Severity: Severity 1 (Critical)
Trap/EventID: 2177
LCD Message: Disk drive bay <name> current is outside of range. Contact Support
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

**AMP0311**

Message: Disk drive bay arg1 current is within range.
Arguments:
- arg1 = name

52
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

SubCategory  AMP = Amperage

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default.  FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory  AMP = Amperage

Severity  Severity 3 (Informational)

Trap/EventID  2179

LCD Message  No LCD message display defined.

Initial Default.  LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE
### 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.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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

SubCategory

AMP = Amperage

Severity

Severity 1 (Critical)

Trap/EventID

FALSE

LCD Message

System level current is outside of range. Contact Support

Initial Default.

FALSE

AMP0317

Message

System level current is within range.

Detailed Description

None

Recommended Response Action

No response action is required.

Category

System Health

SubCategory

AMP = Amperage

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

FALSE
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

SubCategory: AMP = Amperage

Severity: Severity 2 (Warning)

Trap/EventID: 2178

LCD Message: No LCD message display defined.

Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

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

SubCategory: AMP = Amperage

Severity: Severity 1 (Critical)

Trap/EventID: 2177

LCD Message: No LCD message display defined.

Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE
### 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

**SubCategory**
AMP = Amperage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2178

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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.

**Category**
System Health

**SubCategory**
AMP = Amperage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2177

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### AMP0322

**Message**
Chassis power 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

SubCategory: AMP = Amperage

Severity: Severity 1 (Critical)

Trap/EventID: 2177

LCD Message: No LCD message display defined.

Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tr>
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<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

AMP0323

Message: Chassis power level current is within range.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: AMP = Amperage

Severity: Severity 3 (Informational)

Trap/EventID: 2179

LCD Message: No LCD message display defined.

Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tr>
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<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
### ASR Event Messages

#### 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

**SubCategory**
ASR = Auto Sys Reset

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

#### ASR0000

**Message**
The watchdog timer expired.

**Detailed Description**
The operating system or potentially an application failed to communicate to the baseboard management controller (BMC) within the timeout period.

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

**Category**
System Health

**SubCategory**
ASR = Auto Sys Reset

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE
ASR0001

Message
The watchdog timer reset the system.

Detailed Description
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.

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

Category
System Health

SubCategory
ASR = Auto Sys Reset

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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

SubCategory
ASR = Auto Sys Reset

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE
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

SubCategory
ASR = Auto Sys Reset

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory
ASR = Auto Sys Reset

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
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

SubCategory: ASR = Auto Sys Reset

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tbody>
</table>

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

SubCategory: ASR = Auto Sys Reset

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>
### ASR0101

**Message**
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

**SubCategory**
ASR = Auto Sys Reset

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tbody>
</table>

### ASR0102

**Message**
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

**SubCategory**
ASR = Auto Sys Reset

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</table>

### 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
SubCategory: ASR = Auto Sys Reset
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

---

### 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 type code 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
SubCategory: ASR = Auto Sys Reset
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

---

### 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
SubCategory: ASR = Auto Sys Reset
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off Cycle: FALSE
- Reset: FALSE

#### 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.

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off Cycle: FALSE
- Reset: FALSE

#### 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.

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off Cycle: FALSE
- Reset: FALSE
**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

**SubCategory**  ASR = Auto Sys Reset

**Severity**  Severity 3 (Informational)

**Trap/EventID**  FALSE

**LCD Message**  No LCD message display defined.

**Initial Default.**  FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</table>

66
BAT Event Messages

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.

Category  Storage
SubCategory  BAT = Battery Event
Severity  Severity 2 (Warning)
Trap/EventID  4274
LCD Message  No LCD message display defined.
Initial Default  SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

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
SubCategory  BAT = Battery Event
Severity
Severity 3 (Informational)

Trap/EventID
4275

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tbody>
</table>

**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

SubCategory
BAT = Battery Event

Severity
Severity 3 (Informational)

Trap/EventID
4275

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tbody>
</table>

**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
SubCategory: BAT = Battery Event
Severity: Severity 2 (Warning)
Trap/EventID: 4274
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**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
SubCategory: BAT = Battery Event
Severity: Severity 1 (Critical)
Trap/EventID: 4273
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**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
SubCategory: BAT = Battery Event
Severity: Severity 3 (Informational)
Trap/EventID: 4275
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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
SubCategory: BAT = Battery Event
Severity: Severity 2 (Warning)
Trap/EventID: 4274
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

---

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

---

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter</th>
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</tbody>
</table>

**BAT1001**

**Message**
Battery on arg1 was replaced.
Arguments

• \texttt{arg1} = controller name

Detailed Description
A controllers battery was replaced.

Recommended Response Action
No response action is required.

Category Storage
SubCategory \texttt{BAT} = Battery Event
Severity Severity 3 (Informational)
Trap/EventID 4275
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;\#LCD;\#Remote System Log

<table>
<thead>
<tr>
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</table>

\textbf{BAT1002}

Message The battery on \texttt{arg1}learn cycle has started.

Arguments

• \texttt{arg1} = Controller name

Detailed Description This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category Storage
SubCategory \texttt{BAT} = Battery Event
Severity Severity 3 (Informational)
Trap/EventID 4275
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;\#LCD;\#Remote System Log

<table>
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</tbody>
</table>
**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

**SubCategory**  
BAT = Battery Event

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4275

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;/LCD;/Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**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

**SubCategory**  
BAT = Battery Event

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4274

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;/LCD;/Remote System Log
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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

---

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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.
**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

---

**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.

**Category**
Storage

**SubCategory**
BAT = Battery Event

**Severity**
Severity 2 (Warning)
**BAT1009**

**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.

**Category**
Storage

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**Initial Default**
No LCD message display defined.

**Filter**
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE

**Visibility**

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

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**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

**SubCategory**
BAT = Battery Event
Severity: Severity 2 (Warning)
Trap/EventID: 4274
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tbody>
</table>

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
SubCategory: BAT = Battery Event
Severity: Severity 3 (Informational)
Trap/EventID: 4275
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</table>

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
SubCategory: BAT = Battery Event  
Severity: Severity 2 (Warning)  
Trap/EventID: 4274  
LCD Message: No LCD message display defined.  
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tbody>
</table>

**BAT1014**

Message: arg1battery 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  
SubCategory: BAT = Battery Event  
Severity: Severity 3 (Informational)  
Trap/EventID: 4275  
LCD Message: No LCD message display defined.  
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**BAT1015**

Message: arg1battery 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.
### 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.

---

### 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

SubCategory

BAT = Battery Event

Severity

Severity 3 (Informational)

Trap/EventID

4275

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE

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

SubCategory

BAT = Battery Event

Severity

Severity 2 (Warning)

Trap/EventID

4274

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE

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

SubCategory
BAT = Battery Event

Severity
Severity 3 (Informational)

Trap/EventID
4275

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

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

SubCategory
BAT = Battery Event

Severity
Severity 3 (Informational)

Trap/EventID
4275

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4274

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**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

SubCategory: BAT = Battery Event

Severity: Severity 2 (Warning)

Trap/EventID: 4274

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**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

SubCategory: BAT = Battery Event

Severity: Severity 1 (Critical)

Trap/EventID: 4273

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>
**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tbody>
</table>

**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log
**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4275

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;/LCD;/Remote System Log

---

**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2226

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

### Filter Visibility

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</table>

**BAT0001**

**Message**
The system board battery is operating normally.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
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</table>

**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

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

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>
BAT0003

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

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2227

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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</tr>
</tbody>
</table>

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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2225

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

**Initial Default**
LC Log

<table>
<thead>
<tr>
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</tbody>
</table>

BAT0005

**Message**
The storage battery is low.
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<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

**BAT0006**

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

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
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</table>

**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
SubCategory: BAT = Battery Event
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Storage battery has failed. Check battery.
Initial Default: FALSE

<table>
<thead>
<tr>
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</tbody>
</table>

**BAT0008**

Message: The storage battery is present.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: BAT = Battery Event
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**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
SubCategory: BAT = Battery Event
Severity: Severity 1 (Critical)
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

**SubCategory**

BAT = Battery Event

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

FALSE

---

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
**SubCategory** BAT = Battery Event  

**Severity** Severity 3 (Informational)  

**Trap/EventID** FALSE  

**LCD Message** No LCD message display defined.  

**Initial Default.** FALSE  

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</table>
**BAT0014**

**Message**
The storage battery for disk drive bay `arg1` is absent.

**Arguments**
- `arg1 = 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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

**Filter Visibility**

<table>
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<tr>
<th>IPMI Alert</th>
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</tbody>
</table>

**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
SubCategory BAT = Battery Event
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
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</table>

**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
SubCategory BAT = Battery Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
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</tbody>
</table>

**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

SubCategory
BAT = Battery Event

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
The <name> battery has failed. Check battery.

Initial Default
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

BAT0018

Message
The arg battery is present.

Arguments
• arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
BAT = Battery Event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

BAT0019

Message
The arg battery is absent.

Arguments
• arg1 = name

94
**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

**SubCategory**
BAT = Battery Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
The <name> battery is absent. Check battery.

**Initial Default**
FALSE

<table>
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</tbody>
</table>
BOOT Event Messages

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

SubCategory
BOOT = BOOT Control

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
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</tbody>
</table>
CBL Event Messages

CBL8500

Message
SAS cable arg1 to expander arg2 is not connected.

Arguments
- \textit{arg1} = cable id
- \textit{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

SubCategory
CBL = Cable

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

CBL8501

Message
SAS cable arg1 is connected to the incorrect expander.

Arguments
- \textit{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

SubCategory
CBL = Cable
### CBL0001

**Message**
Backplane argument 1 power cable disconnected.

**Arguments**
- \( \text{arg1} = \text{Bay ID} \)

**Detailed Description**
A backplane signal cable was detected, but the accompanying power cable was not present.

**Recommended Response Action**
Check backplane configuration. Re-connect cable. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health

**SubCategory**
CBL = Cable

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
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</table>

### CBL0002

**Message**
Backplane argument 1 signal cable disconnected.

**Arguments**
- \( \text{arg1} = \text{Bay ID} \)

**Detailed Description**
A backplane power cable was detected, but the accompanying signal cable was not present.

**Recommended Response Action**
Check backplane configuration. Re-connect cable. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health
SubCategory: CBL = Cable
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
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**CBL0003**

Message: Backplane arg1connector arg2 disconnected. No cable detected.
Arguments:
- arg1 = Bay ID
- arg2 = Connector Name

Detailed Description: None
Recommended Response Action: Check backplane configuration. Re-connect cable. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.
Category: System Health
SubCategory: CBL = Cable
Severity: Severity 1 (Critical)
Trap/EventID: 2393
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
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</table>

**CBL0004**

Message: Cable arg1 incorrectly connected to backplane arg2connector arg3.
Arguments:
- arg1 = Cable Name
- arg2 = Bay ID
- arg3 = Connector Name
Detailed Description
None

Recommended Response Action
Check backplane configuration. Re-connect cable. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health

SubCategory
CBL = Cable

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
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CBL0005

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

Arguments
- arg1 = Bay ID
- arg2 = Connector Name

Detailed Description
None

Recommended Response Action
Check backplane configuration. Re-connect cable. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health

SubCategory
CBL = Cable

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

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CBL0006

Message
Multiple storage controllers are incorrectly connected to the same backplane arg1.
Arguments

• \( \text{arg1} = \text{Bay ID} \)

Detailed Description
This is an unsupported backplane configuration.

Recommended Response Action
Review product documentation. Check backplane configuration. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health

SubCategory CBL = Cable

Severity Severity 1 (Critical)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

CBL0007

Message Backplane \( \text{arg1} \text{arg2} \text{cable} \) and backplane \( \text{arg3} \text{arg4} \text{cable} \) are swapped.

Arguments

• \( \text{arg1} = \text{Bay ID} \)
• \( \text{arg2} = \text{Cable Name} \)
• \( \text{arg3} = \text{Bay ID} \)
• \( \text{arg4} = \text{Cable Name} \)

Detailed Description The Backplane cables need to be connect to the correct Bays

Recommended Response Action Check backplane configuration. Re-connect cables to the correct Bay IDs. If the issue persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health

SubCategory CBL = Cable

Severity Severity 1 (Critical)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE
<table>
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CMC Event Messages

CMC8501

Message
Chassis Group Leader has synchronized this members 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 leaders configuration data.

Recommended Response Action
No response action required.

Category
Configuration

SubCategory
CMC = Chassis Management Controller

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.
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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 3 (Informational)
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. 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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

CMC8506

**Message**
A command to shut down the CMC was initiated.

**Detailed Description**
A command to shut down the CMC was initiated.

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

**Category**
Audit
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

SubCategory CMC = Chassis Management Controller

Severity Severity 3 (Informational)

Trap/EventID 8691

LCD Message No LCD message display defined.

Initial Default.

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

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 cmcchangover". 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
**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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

**Filter Visibility**
FALSE

**IPMI Alert**
FALSE

**SNMP Alert**
FALSE

**Email Alert**
FALSE

**LC Log**
TRUE

**LCD**
FALSE

**Power Off**
FALSE

**Power Cycle**
FALSE

**Reset**
FALSE

---

**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
SubCategory
CMC = Chassis Management Controller
Severity
Severity 1 (Critical)
Trap/EventID
8689
LCD Message
No LCD message display defined.
Initial Default
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
<th>LC Log</th>
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</tr>
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</tr>
</tbody>
</table>

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
SubCategory
CMC = Chassis Management Controller
Severity
Severity 2 (Warning)
Trap/EventID
8690
LCD Message
No LCD message display defined.
Initial Default
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
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<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>
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 cmcchangover". 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

SubCategory CMC = Chassis Management Controller

Severity Severity 1 (Critical)

Trap/EventID 8689

LCD Message No LCD message display defined.

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 cmcchangover". 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

SubCategory CMC = Chassis Management Controller

Severity Severity 2 (Warning)

Trap/EventID 8690

LCD Message No LCD message display defined.
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 Module's 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

SubCategory CMC = Chassis Management Controller

Severity Severity 1 (Critical)

Trap/EventID 2545

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

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
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
SubCategory: CMC = Chassis Management Controller
Severity: Severity 1 (Critical)
Trap/EventID: 2545
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

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

SubCategory

CMC = Chassis Management Controller

Severity

Severity 1 (Critical)

Trap/EventID

2545

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

LC Log

LCD

Power Off

Power Cycle

Reset

TRUE  FALSE  TRUE  TRUE  TRUE  FALSE  FALSE  FALSE  FALSE

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

SubCategory

CMC = Chassis Management Controller

Severity

Severity 1 (Critical)

Trap/EventID

2545

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

LC Log

LCD

Power Off

Power Cycle

Reset

TRUE  FALSE  TRUE  TRUE  TRUE  FALSE  FALSE  FALSE  FALSE

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

### SubCategory
CMC = Chassis Management Controller

### Severity
Severity 1 (Critical)

### Trap/EventID
2545

### LCD Message
No LCD message display defined.

### Initial Default:
SNMP Alert; #EMAIL Alert; #LC Log; #Remote System Log

<table>
<thead>
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</tr>
</tbody>
</table>

#### 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

### SubCategory
CMC = Chassis Management Controller

### Severity
Severity 1 (Critical)

### Trap/EventID
2545

### LCD Message
No LCD message display defined.

### Initial Default:
SNMP Alert; #EMAIL Alert; #LC Log; #Remote System Log

<table>
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</tr>
</tbody>
</table>

#### CMC8522

**Message**
The Mezz card 2 FRU for the server *arg1* is not functioning.

**Arguments**
- *arg1* = slot number
**CMC8523**

**Message**
The Mezz card 3 FRU for the server `arg1` is not functioning.

**Arguments**
- `arg1` = 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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
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<tr>
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</tbody>
</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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2545

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
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<tr>
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</tbody>
</table>
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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
2545

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

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</tbody>
</table>

CMC8525

Message
The FRU on the sleeve \textit{arg1} is not functioning.

Arguments
- \textit{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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
2545

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tbody>
</table>

CMC8526

Message
Unable to retrieve the server-\textit{arg1}CPU information.

Arguments
- \textit{arg1} = slot number
CMC8527

Message
Unable to retrieve the server-arg1 memory information.

Arguments
- \( \text{arg1} = \text{slot number} \)

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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
2545

Initial Default.
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
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</tr>
</tbody>
</table>

CMC8528

Message
Unable to make a link tuning check for server-arg1.

Arguments
- \( \text{arg1} = \text{slot number} \)
CMC is unable to obtain the link tuning information for the newly installed hardware (server, Input Output Module, or Mezzanine card), or is unable to send the link tuning 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
SubCategory CMC = Chassis Management Controller
Severity Severity 2 (Warning)
Trap/EventID 2546
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

CMC8529

Message Unable to perform the requested action on the server-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
SubCategory CMC = Chassis Management Controller
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

CMC8531

Message Unable to perform the requested action on the sleevearg1because of insufficient user privileges.
Arguments

- \( arg1 = \) sleeve number

Detailed Description
The user account does not have sufficient privileges to perform virtual reseat operation on the sleeve specified in the message. Server administration privilege is required to perform virtual reseat operation.

Recommended Response Action
Use a different user account that has server administration privileges, and retry the operation. For more information, contact your administrator.

Category
Audit

SubCategory
CMC = Chassis Management Controller

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log Alert
TRUE

LCD Alert
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log Alert
TRUE

LCD Alert
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE
**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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2546

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
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</tbody>
</table>

**CMC8535**

**Message**
Unable to turn on High Power Management for the server arg1

**Arguments**
- 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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log
### 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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tbody>
</table>

### 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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log
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
SubCategory  CMC = Chassis Management Controller
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default  LC Log

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
SubCategory  CMC = Chassis Management Controller
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
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
SubCategory                 CMC = Chassis Management Controller
Severity                    Severity 3 (Informational)
Trap/EventID                FALSE
LCD Message                 No LCD message display defined.
Initial Default.            LC Log

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
SubCategory                 CMC = Chassis Management Controller
Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

---

**CMC8545**


Arguments:

- 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

SubCategory: CMC = Chassis Management Controller

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

---

**CMC8546**

Message: Issues identified with Process arg1. Failover condition detected

Arguments:

- 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.
CMC8547

Message: Missing kernel module. Arg1. Failover condition detected

Arguments: 
• 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.

CMC8548

Message: Unable to communicate with peer CMC.

Detailed Description: The local CMC has lost network connection with peer CMC for more than the timeout duration. The timeout duration is 25 seconds for primary CMC and five seconds for secondary CMC. After detecting the error, failover is performed if secondary CMC is available, otherwise CMC is reset.

Recommended Response Action: Make sure that the network cable is connected to the primary CMC. A Link loss was detected.
Category: Audit
SubCategory: CMC = Chassis Management Controller
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: CMC = Chassis Management Controller
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

**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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
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</table>

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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
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</tbody>
</table>

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
SubCategory: CMC = Chassis Management Controller

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

### 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

SubCategory: CMC = Chassis Management Controller

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

### 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

SubCategory: CMC = Chassis Management Controller
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
SubCategory CMC = Chassis Management Controller
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

CMI8561

Message   Unable to send the email to arg1after trying arg2times.
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
SubCategory CMC = Chassis Management Controller
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

CMC8562

Message: The log is cleared.
Detailed Description: The hardware log is cleared.
Recommended Response Action: No response action is required.
Category: Audit
SubCategory: CMC = Chassis Management Controller
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

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
SubCategory: CMC = Chassis Management Controller
Severity: Severity 1 (Critical)
Trap/EventID: 8689
LCD Message: No LCD message display defined.
CMC8572

**Message**
The coin cell battery in CMC arg1 is not working.

**Arguments**

- \( \text{arg1} = \text{slot id} \)

**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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 1 (Critical)

**Trap/EventID**
8689

**LCD Message**
No LCD message display defined.

CMC8563

**Message**
The KVM is mapped to the server slot \( \text{arg1} \).

**Arguments**

- \( \text{arg1} = \text{slot number} \)

**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

**SubCategory**
CMC = Chassis Management Controller

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE
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
SubCategory  CMC = Chassis Management Controller
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  LC Log

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
SubCategory  CMC = Chassis Management Controller
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
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 can not be mapped to this server slot.

Recommended Response Action
No response action is required.

Category
Audit

SubCategory
CMC = Chassis Management Controller

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

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.

Category
Audit

SubCategory
CMC = Chassis Management Controller

Severity
Severity 3 (Informational)

Trap/EventID
FALSE
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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
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</tr>
</tbody>
</table>

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

SubCategory
CMC = Chassis Management Controller

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.
Initial Default. LC Log

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</tr>
</tbody>
</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
SubCategory CMC = Chassis Management Controller
Severity Severity 3 (Informational)
Trap/EventID FALSE

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
SubCategory CMC = Chassis Management Controller
Severity Severity 1 (Critical)
Trap/EventID FALSE
**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
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</tbody>
</table>
### 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

**SubCategory**
CPU = Processor

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU <number> internal error (IERR). Contact Support

**Initial Default**
FALSE

<table>
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<th>Filter Visibility</th>
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</tbody>
</table>

**CPU0016**

**Message**
CPU arg1 is operating correctly.

**Arguments**
- arg1 = number

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
CPU = Processor

**Severity**
Severity 3 (Informational)
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

**SubCategory**
CPU = Processor

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU <number> has a thermal trip. Check CPU heat sink

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

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 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
CPU0003

Message
CPU arg1 is stuck in POST.

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) 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
SubCategory CPU = Processor
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

CPU0004

Message
CPU arg1 failed to initialize.

Arguments
- arg1 = number

Detailed Description
None
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
SubCategory: CPU = Processor
Severity: Severity 1 (Critical)

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.

CPU0021

Message: CPU arg1 is configured correctly.
Arguments:
• arg1 = number
Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: CPU = Processor
Severity: Severity 3 (Informational)
Trap/EventID: FALSE

LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: CPU = Processor
Severity: Severity 1 (Critical)
Trap/EventID: FALSE

LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

CPU0007

Message: CPU arg1 is present.
Arguments

- \texttt{arg1} = number

Detailed Description

None

Recommended Response Action

No response action is required.

Category

System Health

SubCategory

CPU = Processor

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

CPU0008

Message

CPU \texttt{arg1} is disabled.

Arguments

- \texttt{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

SubCategory

CPU = Processor

Severity

Severity 2 (Warning)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
CPU0024

Message
CPU arg\textsubscript{1} is enabled.

Arguments
- \textit{arg\textsubscript{1} = number}

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
CPU = Processor

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

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</tr>
</tbody>
</table>

CPU0009

Message
CPU \textsubscript{arg\textsubscript{1}} terminator is present.

Arguments
- \textit{arg\textsubscript{1} = number}

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
CPU = Processor

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

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</tr>
</tbody>
</table>
### 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

**SubCategory**
CPU = Processor

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

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</tbody>
</table>

### CPU0010

**Message**
CPU arg1 is throttled.

**Arguments**
- arg1 = number

**Detailed Description**
The CPU is throttled due to thermal or power conditions.

**Recommended Response Action**
Review system logs for power or thermal exceptions.

**Category**
System Health

**SubCategory**
CPU = Processor

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

<table>
<thead>
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<th>Filter Visibility</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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

SubCategory
CPU = Processor

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

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

SubCategory
CPU = Processor

Severity
Severity 1 (Critical)

Trap/EventID
FALSE
<table>
<thead>
<tr>
<th>LCD Message</th>
<th>CPU &lt;number&gt; voltage regulator module absent. Check module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

<table>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
CPU = Processor

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU <number> voltage regulator module failed. Reseat module

**Initial Default**
FALSE

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<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**
CPU = Processor
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

**SubCategory**: CPU = Processor

**Severity**: Severity 2 (Warning)

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: FALSE

**Filter Visibility** | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

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
SubCategory: CPU = Processor
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Lost power input for CPU <number> voltage regulator module. Reseat module
Initial Default: FALSE

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
SubCategory: CPU = Processor
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

CPU0804

Message: The power input for CPU<arg1>voltage regulator module is outside of range.
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

SubCategory
CPU = Processor

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Power input for CPU <number> voltage regulator module is outside of range. Reseat module

Initial Default.
FALSE

---

CPU0805

Message
The power input for CPU<arg1>voltage regulator module is outside of range, but it is attached to the system.

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

SubCategory
CPU = Processor

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

---

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
SubCategory CPU = Processor
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message CPU <number> voltage regulator module incorrectly configure. Check configuration Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

CPU0822

Message CPU arg1Voltage regulator module is configured correctly.

Arguments

• arg1 = number

Detailed Description None

Recommended Response Action
No response action is required.

Category System Health
SubCategory CPU = Processor
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
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<td>FALSE</td>
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</tbody>
</table>
CPU0700

**Message**
CPUarg1 initialization error detected.

**Arguments**

- arg1 = 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

**SubCategory**
CPU = Processor

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU <number> initialization error detected. Power cycle system

**Initial Default.**
FALSE

<table>
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<td>FALSE</td>
</tr>
</tbody>
</table>

CPU0701

**Message**
CPUarg1 protocol 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.
4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health

**SubCategory**
CPU = Processor

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU <number> protocol error detected. Power cycle system

**Initial Default.**
FALSE
CPU0702

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 are found, remove input power, reinstall the processor, then apply input power.

Category
System Health

SubCategory
CPU = Processor

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
CPU bus parity error detected. Power cycle system

Initial Default
FALSE

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

SubCategory
CPU = Processor

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
CPU bus initialization error detected. Power cycle system

Initial Default
FALSE
**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. 4) If the issue still persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**

System Health

**SubCategory**

CPU = Processor

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

CPU <number> machine check error detected. Power cycle system

**Initial Default.**

FALSE

---

**CPU9000**

**Message**

An OEM diagnostic event occurred.

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health

**SubCategory**

CPU = Processor

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE
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

SubCategory
CPU = Processor

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Uncorrectable Machine Check Exception detected on CPU <number>. Contact Support

Initial Default
FALSE

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

SubCategory
CPU = Processor

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
Correctable Machine Check Exception detected on CPU <number>. Check CPU
<table>
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</tr>
</tbody>
</table>
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
SubCategory: CPUA = Proc Absent
Severity: Severity 1 (Critical)
Trap/EventID: FALSE

LCD Message: CPU <number> is absent. Check CPU

Initial Default: FALSE

<table>
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</tbody>
</table>
# 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
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</tr>
</tbody>
</table>

## 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)
Trap/EventID 4331

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**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

**SubCategory** CTL = Storage Contr

**Severity** Severity 3 (Informational)

**Trap/EventID** 4331

**LCD Message** No LCD message display defined.

**Initial Default.** SNMP Alert;#LCD;#Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**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

**SubCategory** CTL = Storage Contr

162
Severity 3 (Informational)

Trap/EventID 4331

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**CTL5**

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

SubCategory CTL = Storage Contr

Severity 2 (Warning)

Trap/EventID 4330

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: CTL = Storage Contr
Severity: Severity 2 (Warning)
Trap/EventID: 4330
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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</tr>
</tbody>
</table>

**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
SubCategory: CTL = Storage Contr
Severity: Severity 2 (Warning)
Trap/EventID: 4330
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

**CTL8**

Message: Bad block extended sense 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.
**CTL9**

**Message**
Bad block extended 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.

**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

**SubCategory**  
CTL = Storage Contr

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**LCD Message**  
No LCD message display defined.

**Initial Default**  
SNMP Alert;#LCD;#Remote System Log

### 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

**SubCategory**  
CTL = Storage Contr

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**LCD Message**  
No LCD message display defined.

**Initial Default**  
SNMP Alert;#LCD;#Remote System Log

### 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
SubCategory CTL = Storage Contr
Severity Severity 1 (Critical)
Trap/EventID 4329
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
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<tr>
<td>TRUE</td>
<td>FALSE</td>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory CTL = Storage Contr
Severity Severity 2 (Warning)
Trap/EventID 4330
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>TRUE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

CTL14

Message Single-bit ECC error limit exceeded on the arg1/DIMM.
Arguments

- \texttt{arg1} = Controller name

Detailed Description

The controller memory is malfunctioning.

Recommended Response Action

Replace the controller, contact Dell technical support at support.dell.com.

Category

Storage

SubCategory

\texttt{CTL} = Storage Contr

Severity

Severity 2 (Warning)

Trap/EventID

4330

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;\#LCD;\#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**CTL16**

Message

None of the \texttt{arg1} properties are set.

Arguments

- \texttt{arg1} = Controller name

Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

Re-issue the command.

Category

Storage

SubCategory

\texttt{CTL} = Storage Contr

Severity

Severity 3 (Informational)

Trap/EventID

4331

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;\#LCD;\#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>
CTL17

Message  
arg1arg2s changed toarg3.

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

SubCategory  
CTL = Storage Contr

Severity  
Severity 3 (Informational)

Trap/EventID  
4331

LCD Message  
No LCD message display defined.

Initial Default.  
SNMP Alert;#LCD;#Remote System Log

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

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

SubCategory  
CTL = Storage Contr

Severity  
Severity 3 (Informational)

Trap/EventID  
4331

LCD Message  
No LCD message display defined.

Initial Default.  
SNMP Alert;#LCD;#Remote System Log

169
CTL19

Message
Abort CC on Error, Copyback, and Load Balance has changed for \texttt{arg1}.

Arguments
- \texttt{arg1} = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
Re-issue the command.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;/LCD;/Remote System Log

CTL20

Message
Copyback and Load Balance has changed for \texttt{arg1}.

Arguments
- \texttt{arg1} = Controller name

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
Re-issue the command.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.
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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331
LCD Message  No LCD message display defined.
Initial Default.  SNMP Alert,#LCD,#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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
SubCategory  CTL = Storage Contr
Severity  Severity 3 (Informational)
Trap/EventID  4331
LCD Message  No LCD message display defined.
Initial Default.  SNMP Alert,#LCD,#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**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
SubCategory  CTL = Storage Contr
Severity  Severity 3 (Informational)
Trap/EventID: 4331

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</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

SubCategory: CTL = Storage Contr

Severity: Severity 3 (Informational)

Trap/EventID: 4331

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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<td>TRUE</td>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**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

SubCategory: CTL = Storage Contr
Severity  Severity 3 (Informational)
Trap/EventID  4331
LCD Message  No LCD message display defined.
Initial Default.  SNMP Alert;#LCD;#Remote System Log

<table>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory  CTL = Storage Contr
Severity  Severity 3 (Informational)
Trap/EventID  4331
LCD Message  No LCD message display defined.
Initial Default.  SNMP Alert;#LCD;#Remote System Log

<table>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
**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.

**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
SubCategory: CTL = Storage Contr
Severity: Severity 3 (Informational)
Trap/EventID: 4331
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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<tr>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
**SubCategory**: CTL = Storage Contr
**Severity**: Severity 3 (Informational)
**Trap/EventID**: 4331
**LCD Message**: No LCD message display defined.
**Initial Default**: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**  
CTL = Storage Contr

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**CTL33**

**Message**  
The `arg1` debug log file has been exported.

**Arguments**

- `arg1` = Controller name

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

**Recommended Response Action**

No response action is required.

**Category**  
Storage

**SubCategory**  
CTL = Storage Contr

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4331

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
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</tr>
</tbody>
</table>

CTL35

Message
A foreign configuration was imported on \textit{arg1}.

Arguments
- \textit{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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

CTL36

Message
The Patrol Read mode has changed for \textit{arg1}.

Arguments
- \textit{arg1} = Controller name
Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category Storage
SubCategory CTL = Storage Contr
Severity Severity 3 (Informational)
Trap/EventID 4331
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory CTL = Storage Contr
Severity Severity 3 (Informational)
Trap/EventID 4331
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

CTL39

Message
The \texttt{arg1} reconstruct rate has changed.

Arguments
\begin{itemize}
  \item \texttt{arg1} = Controller name
\end{itemize}

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tr>
</tbody>
</table>

CTL40

Message
Multi-bit ECC error on \texttt{arg1} DIMM.

Arguments
\begin{itemize}
  \item \texttt{arg1} = Controller name
\end{itemize}
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.

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
SubCategory: CTL = Storage Contr
Severity: Severity 1 (Critical)
Trap/EventID: 4329
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;/LCD;/Remote System Log

### CTL41

**Message**
Single-bit ECC error on arg1.

**Arguments**
- \( \text{arg1} = \) 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
SubCategory: CTL = Storage Contr
Severity: Severity 2 (Warning)
Trap/EventID: 4330
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;/LCD;/Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</table>
CTL42

Message
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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

CTL43

Message
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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log
## 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4329

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

## 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

### Filter Visibility

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<th>Email Alert</th>
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### Filter Visibility

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</tbody>
</table>

183
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

SubCategory
CTL = Storage Contr

Severity
Severity 1 (Critical)

Trap/EventID
4329

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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

SubCategory
CTL = Storage Contr
**CTL48**

**Message**
A foreign configuration was detected on $\text{arg1}$.

**Arguments**
- $\text{arg1} =$ 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

---

**CTL49**

**Message**
The NVRAM has corrupted data on $\text{arg1}$.

**Arguments**
- $\text{arg1} =$ 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

**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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

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</table>

**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

SubCategory
CTL = Storage Contr

Severity
Severity 2 (Warning)

Trap/EventID
4330

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

### 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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

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</table>

### 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
SubCategory CTL = Storage Contr
Severity Severity 3 (Informational)
Trap/EventID 4331
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**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
SubCategory CTL = Storage Contr
Severity Severity 3 (Informational)
Trap/EventID 4331
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**CTL55**

Message `arg1 event log: arg2`
Arguments

- \( \text{arg1} = \text{Controller name} \)
- \( \text{arg2} = \text{args} \)

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

SubCategory

CTL = Storage Contr

Severity

Severity 2 (Warning)

Trap/EventID

4330

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

CTL56

Message

\( \text{arg1event log:arg2} \)

Arguments

- \( \text{arg1} = \text{Controller name} \)
- \( \text{arg2} = \text{args} \)

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

SubCategory

CTL = Storage Contr

Severity

Severity 1 (Critical)

Trap/EventID

4329

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log
**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.

**Category**

Storage

**SubCategory**

CTL = Storage Contr

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4331

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert;#LCD;#Remote System Log

---

**CTL58**

**Message**

arg1SAS 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

**SubCategory**

CTL = Storage Contr

**Severity**

Severity 1 (Critical)
**CTL59**

**Message**

arg/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

**SubCategory**

CTL = Storage Contr

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4329

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

**CTL60**

**Message**

A user has discarded data from the arg1cache.

**Arguments**

- \( arg1 \) = Controller name

**Detailed Description**

This alert is provided for informational purposes.
Recommended Response Action
No response action is required.

Category Storage
SubCategory CTL = Storage Contr
Severity Severity 3 (Informational)
Trap/EventID 4331
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</table>

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
SubCategory CTL = Storage Contr
Severity Severity 2 (Warning)
Trap/EventID 4330
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

CTL62

Message arg1onarg2has missing drives and will go offline at boot.
Arguments
- arg1 = VD names
- arg2 = Controller name
Detailed Description: 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.

Recommended Response Action: No response action is required.

Category: Storage
SubCategory: CTL = Storage Contr
Severity: Severity 3 (Informational)

Initial Default: SNMP Alert;#LCD;#Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

CTL63

Message: Previous configuration was found completely missing during time boot on arg1.

Arguments:

• arg1 = Controller name

Detailed Description: 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.

Recommended Response Action: Shut down the system. Re-insert the removed physical disks and re-start the system.

Category: Storage
SubCategory: CTL = Storage Contr
Severity: Severity 2 (Warning)

Initial Default: SNMP Alert;#LCD;#Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

CTL64

Message: Attempted to import Unsupported Virtual Disk type RAID arg1 on arg2.
Arguments

• \text{arg1} = \text{args}
• \text{arg2} = \text{Controller name}

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;\#LCD;\#Remote System Log

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</tbody>
</table>

CTL65

Message
Attempted to import Unsupported Virtual Disk type RAID \text{arg1} \text{on arg2}.

Arguments

• \text{arg1} = \text{args}
• \text{arg2} = \text{Controller name}

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action required.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;\#LCD;\#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
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<td>TRUE</td>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
**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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; #LCD; #Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4331

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; #LCD; #Remote System Log
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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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

SubCategory
CTL = Storage Contr

Severity
Severity 3 (Informational)

Trap/EventID
4331

LCD Message
No LCD message display defined.
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

SubCategory

CTL = Storage Contr

Severity

Severity 3 (Informational)

Trap/EventID

4331

LCD Message

No LCD message display defined.

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

SubCategory

CTL = Storage Contr

Severity

Severity 3 (Informational)

Trap/EventID

4331
### CTL72

**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

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4330

### CTL73

**Message**
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.

**Category**
Storage

**SubCategory**
CTL = Storage Contr

**Severity**
Severity 3 (Informational)
Trap/EventID 4331
LCD Message No LCD message display defined.
Initial Default SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

CTL74

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
SubCategory CTL = Storage Contr
Severity Severity 2 (Warning)
Trap/EventID 4330
LCD Message No LCD message display defined.
Initial Default SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

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
SubCategory CTL = Storage Contr
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.

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.
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.

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

SubCategory CTL = Storage Contr

Severity Severity 2 (Warning)

Trap/EventID 4330

LCD Message No LCD message display defined.

Initial Default None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

CTL80

Message arg1 experienced the following warning during startup: arg2.

Arguments
• arg1 = controller name
• arg2 = controller message

Detailed Description The controller experienced a problem during startup. The message from the controller is recorded in the Lifecycle Log.

Recommended Response Action For the list of possible remedies for this warning, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

Category Storage

SubCategory CTL = Storage Contr

Severity Severity 2 (Warning)

Trap/EventID 4330

LCD Message No LCD message display defined.

Initial Default None

<table>
<thead>
<tr>
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<td>FALSE</td>
</tr>
</tbody>
</table>

CTL81

Message arg1 has entered safe mode with limited functionality due to arg2.

Arguments
• arg1 = Controller name
• arg2 = controller message
Detailed Description
The controller experienced a problem during startup. The message from the controller is recorded in the Lifecycle Log.

Recommended Response Action
For the list of possible remedies for this warning, see Troubleshooting section in the Dell Shared PowerEdge RAID Controller (SPERC8) documentation.

Category Storage
SubCategory CTL = Storage Contr
Severity Severity 1 (Critical)
Trap/EventID 4329
LCD Message No LCD message display defined.
Initial Default. None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### CTL82

**Message**
arg1 is functioning normally.

**Arguments**
- arg1 = controller name

**Detailed Description**
The controller is operating normally.

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

**Category** Storage
**SubCategory** CTL = Storage Contr
**Severity** Severity 3 (Informational)
**Trap/EventID** FALSE
**LCD Message** No LCD message display defined.
**Initial Default.** LCD;#LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### CTL83

**Message** Communication with arg1 has been lost.

**Arguments**
- arg1 = controller name
Detailed Description
The management controller cannot communicate with the storage controller. This may be due to a loss of functionality in the PCIe subsystem, a failure in the storage controller, or a failure of the management controller.

Recommended Response Action
Restart the system. If the controller does not come back online after a restart contact your service provider.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 2 (Warning)

Trap/EventID
4330

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#LC Log;#Remote System Log

---

CTL84

Message
arg1 is running an unsupported firmware version.

Arguments
- arg1 = Controller Name

Detailed Description
The firmware on the controller 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

SubCategory
CTL = Storage Contr

Severity
Severity 2 (Warning)

Trap/EventID
4330

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#LC Log;#Remote System Log

---

CTL85

Message
arg1 is operating at less than optimal bandwidth.
Arguments

- \( \text{arg1} = \) controller name

Detailed Description
The controller experienced a PCIe training error and is operating at less than full bandwith. Users may notice a reduction in storage performance until this is corrected.

Recommended Response Action
Powercycle the chassis. If the controller does not report optimal speed after the powercycle contact your service provider.

Category
Storage

SubCategory
CTL = Storage Contr

Severity
Severity 2 (Warning)

Trap/EventID
4330

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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<td>FALSE</td>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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

**SubCategory**
DKM = Dell Key Mngr

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

DKM1001

**Message**
The key management service is operating correctly.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
DKM = Dell Key Mngr

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
DKM1002

**Message**
Key management server certificate problem detected.

**Detailed Description**
None

**Recommended Response Action**
Check server configuration and certificates

**Category**
System Health

**SubCategory**
DKM = Dell Key Mngr

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

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

**SubCategory**
DKM = Dell Key Mngr

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>
DKM1006

Message: Key management server error detected.
Detailed Description: None
Recommended Response Action: Review server error logs for additional information.
Category: System Health
SubCategory: DKM = Dell Key Mngr
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Key management server error. Check configuration
Initial Default: FALSE

<table>
<thead>
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<th>Email Alert</th>
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</tbody>
</table>
ENC Event Messages

ENC40

Message
A new enclosure was detected on arg1.

Arguments
• arg1 = controller name

Detailed Description
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.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
ENC = Storage Enclosr

Severity
Severity 3 (Informational)

Trap/EventID
4339

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory
ENC = Storage Enclosr
Severity 3 (Informational)

Trap/EventID 4339

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

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

SubCategory ENC = Storage Enclosr

Severity Severity 1 (Critical)

Trap/EventID 4337

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

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.
ENC4

Message  
arg1firmware 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.

ENC5

Message  
Redundancy on arg1 as 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.
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

**SubCategory** ENC = Storage Enclosr

**Severity** Severity 2 (Warning)

**Initial Default.** SNMP Alert;#LCD;#Remote System Log

---

**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

**SubCategory** ENC = Storage Enclosr

**Severity** Severity 2 (Warning)

**Initial Default.** SNMP Alert;#LCD;#Remote System Log
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

SubCategory
ENC = Storage Enclosr

Severity
Severity 3 (Informational)

Trap/EventID
4339

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert; #LCD; #Remote System Log

ENC8

Message
The arg1 alarm was disabled.

Arguments
- arg1 = Enclosure Name

Detailed Description
You have disabled the enclosure alarm.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
ENC = Storage Enclosr

Severity
Severity 3 (Informational)

Trap/EventID
4339

LCD Message
No LCD message display defined.
Initial Default. | SNMP Alert;#LCD;#Remote System Log
---|---

<table>
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<tr>
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<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>

**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

**SubCategory**
ENC = Storage Enclosure

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4339

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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.

**Category**
Storage

**SubCategory**
ENC = Storage Enclosure

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4339
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 Dell support.

Recommended Response Action
Ensure that the service tag was changed under authorized circumstances.

Category
Storage

SubCategory
ENC = Storage Enclosr

Severity
Severity 3 (Informational)

Trap/EventID
4339

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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

SubCategory
ENC = Storage Enclosr

Severity
Severity 3 (Informational)
ENC13

Message
Un Supported 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

SubCategory
ENC = Storage Enclosr

Severity
Severity 2 (Warning)

Trap/EventID
4338

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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

SubCategory
ENC = Storage Enclosr

Severity
Severity 1 (Critical)

Trap/EventID
4337

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

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

SubCategory
ENC = Storage Enclosr

Severity
Severity 3 (Informational)

Trap/EventID
4339

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

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
SubCategory ENC = Storage Enclosr
Severity Severity 3 (Informational)
Trap/EventID 4339
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

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
SubCategory ENC = Storage Enclosr
Severity Severity 3 (Informational)
Trap/EventID 4339
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

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

SubCategory
ENC = Storage Enclosr

Severity
Severity 1 (Critical)

Trap/EventID
4337

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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
Reseat 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

SubCategory
ENC = Storage Enclosr

Severity
Severity 1 (Critical)

Trap/EventID
4337

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

ENC21

Message
arg1 has been removed.
Arguments

• \( \text{arg}1 \) = 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

SubCategory
ENC = Storage Enclosr

Severity
Severity 1 (Critical)

Trap/EventID
4337

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>
ENC23

**Message**  
arg1Bad PHY arg2

**Arguments**
- arg1 = Enclosure Name
- arg2 = args

**Detailed Description**
There is a problem with a physical connection or PHY.

**Recommended Response Action**
Contact the Dell Technical Support at support.dell.com.

**Category**  
Storage

**SubCategory**  
ENC = Storage Enclosr

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4337

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

ENC24

**Message**
Communication with arg1 is intermittent.

**Arguments**
- 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

**SubCategory**  
ENC = Storage Enclosr

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4337

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log
ENC25

Message  

arg has a hardware error.

Arguments  

- arg = 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

SubCategory  

ENC = Storage Enclosr

Severity  

Severity 1 (Critical)

Trap/EventID  

4337

LCD Message  

No LCD message display defined.

Initial Default.  

SNMP Alert;/LCD;/Remote System Log

ENC26

Message  

arg is not responding.

Arguments  

- arg = 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

SubCategory  

ENC = Storage Enclosr

Severity  

Severity 1 (Critical)

Trap/EventID  

4337

LCD Message  

No LCD message display defined.
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
SubCategory  ENC = Storage Enclosr
Severity  Severity 3 (Informational)
Trap/EventID  4339
LCD Message  No LCD message display defined.

ENC28

Message  Enclosure Management Module (EMM) firmware version mismatch detected in arg1.arg2.arg3.

Arguments
  • arg1 = enclosure name
  • arg2 = EMM 0 version
  • 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.

Category  Storage
SubCategory  ENC = Storage Enclosr
ENC29

Message

arg1 temperature has returned to normal.

Arguments

- arg1 = Enclosure Name

Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category

Storage

SubCategory

ENC = Storage Enclosr

Severity

Severity 3 (Informational)

Trap/EventID

4339

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

Filter Visibility

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</tbody>
</table>

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
SubCategory: ENC = Storage Encloser
Severity: Severity 3 (Informational)
Trap/EventID: 4339
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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.

SubCategory: ENC = Storage Encloser
Severity: Severity 2 (Warning)
Trap/EventID: 4338
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
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</table>

**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

SubCategory

ENC = Storage Enclosr

Severity

Severity 3 (Informational)

Trap/EventID

4339

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

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

SubCategory

ENC = Storage Enclosr

Severity

Severity 3 (Informational)

Trap/EventID

4339

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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228
FAN Event Messages

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
SubCategory FAN = Fan Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default None

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.
Recommended Response Action No response action is required.
Category Audit
SubCategory FAN = Fan Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default None
FAN8502

Message  The blower arg1 is not detected, because it may not be operating optimally. Check for the availability of latest CMC firmware.

Arguments  •  \( arg1 \) = name

Detailed Description  The current CMC firmware did not detect the blower identified in the message. To resolve the issue, update the firmware. If the issue persists, contact your service provider.

Recommended Response Action  Make sure that CMC is using the latest firmware, and then retry the operation.

Category  Audit

SubCategory  FAN = Fan Event

Severity  Severity 3 (Informational)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  None

FAN1001

Message  \( arg1 \) has been inserted.

Arguments  •  \( arg1 \) = Fan Sensor Name

Detailed Description  The enclosure detected that a fan was inserted.

Recommended Response Action  No response action is required.

Category  Storage

SubCategory  FAN = Fan Event

Severity  Severity 3 (Informational)

Trap/EventID  4203

LCD Message  No LCD message display defined.
### FAN1002

**Message**  
[arg] has failed.

**Arguments**  
- **arg** = 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

**SubCategory**  
FAN = Fan Event

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4201

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

### FAN1000

**Message**  
[arg] was removed.

**Arguments**  
- **arg** = 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

**SubCategory**  
FAN = Fan Event

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4201
### FAN0000

**Message**
Fan arg1/RPM is less than the lower warning threshold.

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

**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

**SubCategory**
FAN = Fan Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2154

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
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</tbody>
</table>

### FAN0001

**Message**
Fan arg1/RPM is less than the lower critical threshold.

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

**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

**SubCategory**
FAN = Fan Event

**Initial Default.**
LC Log

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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
Severity
Severity 1 (Critical)

Trap/EventID
2153

LCD Message
Fan <number> RPM is outside of range. Check fan.

Initial Default.
LC Log

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

SubCategory
FAN = Fan Event

Severity
Severity 2 (Warning)

Trap/EventID
2154

LCD Message
No LCD message display defined.

Initial Default.
LC Log

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  
**SubCategory**  FAN = Fan Event  
**Severity**  Severity 1 (Critical)  
**Trap/EventID**  2153  
**LCD Message**  Fan <number> RPM is outside of range. Check fan.  
**Initial Default.**  LC Log  

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**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  
**SubCategory**  FAN = Fan Event  
**Severity**  Severity 1 (Critical)  
**Trap/EventID**  2153  
**LCD Message**  Fan <number> RPM is outside of range. Check fan.  
**Initial Default.**  LC Log  

<table>
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</tbody>
</table>

**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

**SubCategory**
FAN = Fan Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2155

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**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

**SubCategory**
FAN = Fan Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2153

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**FAN0007**

**Message**
Fan arg1 was inserted.

**Arguments**

- arg1 = number

235
### FAN0008

**Message**
Fan arg1 is present.

**Arguments**
- `arg1` = number

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

**Category**
System Health

**SubCategory**
FAN = Fan Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2155

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
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</tbody>
</table>

### FAN0009

**Message**
Fan arg1 is absent.

**Arguments**
- `arg1` = number

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

**Category**
System Health

**SubCategory**
FAN = Fan Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2155

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
**Detailed Description**
The fan may be required for optimal performance.

**Recommended Response Action**
If unintentional, install a fan.

**Category**
System Health

**SubCategory**
FAN = Fan Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2153

**LCD Message**
Fan <number> is absent. Check Fan.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

**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

**SubCategory**
FAN = Fan Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
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</tbody>
</table>

**FAN0011**

**Message**
Fan arg1 is enabled.

**Arguments**
- arg1 = number

237
Detailed Description

Recommended Response Action

Category System Health
SubCategory FAN = Fan Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

FAN0013

Message arg1 RPM is less than the lower critical threshold.
Arguments • arg1 = name

Detailed Description
The cooling device is not performing optimally. The cooling device may be installed improperly or may be failing.

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
SubCategory FAN = Fan Event
Severity Severity 1 (Critical)
Trap/EventID 2153
LCD Message No LCD message display defined.
Initial Default LC Log

FAN0015

Message arg1 RPM is greater than the upper critical threshold.
Arguments • arg1 = name
Detailed Description: The cooling device is not performing optimally. The cooling device may be installed improperly or may be failing.

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
SubCategory: FAN = Fan Event
Severity: Severity 1 (Critical)
Trap/EventID: 2153
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
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</tbody>
</table>

**FAN0017**

Message: \textit{arg1} RPM is within range.

Arguments:
- \textit{arg1} = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: FAN = Fan Event
Severity: Severity 3 (Informational)
Trap/EventID: 2155
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
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</table>
FCD Event Messages

FCD8500

Message
Unable to apply the \textit{arg1} configuration. The affected servers (slot \textit{arg2}) are not turned off.

Arguments
- \textit{arg1} = configuration name
- \textit{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

SubCategory
FCD = Feature Card

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
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<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

FCD8501

Message
The feature is deactivated: \textit{arg1}.

Arguments
- \textit{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

SubCategory
FCD = Feature Card
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
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</tbody>
</table>

**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
**SubCategory:** FCD = Feature Card
**Severity:** Severity 3 (Informational)
**Trap/EventID:** FALSE
**LCD Message:** No LCD message display defined.
**Initial Default:** LC Log

<table>
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</tbody>
</table>

**FCD8504**

**Message:** The feature was previously activated on another chassis.

**Detailed Description:**
- The card was installed installed and activated on another chassis. To use this card, it must be deactivated (uninstalled) on the other chassis.
- Remove the card and install it on the chassis where the feature is activated. To use this card on a different chassis, it must be deactivated (uninstalled) on the chassis where it is activated before activating it on the desired chassis.

**Category:** Audit
**SubCategory:** FCD = Feature Card
### FCD8505

**Message**
The features cannot be deactivated when the chassis is turned on.

**Detailed Description**
Features cannot be 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

**SubCategory**
FCD = Feature Card

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

### 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

**SubCategory**
FCD = Feature Card
<table>
<thead>
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</table>
## HWC Event Messages

### HWC8502

**Message**: The KVM interconnect is connected.

**Detailed Description**: The KVM cable is connected.

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

**Category**: System Health

**SubCategory**: HWC = Hardware Config

**Severity**: Severity 3 (Informational)

**Trap/EventID**: 2331

**LCD Message**: No LCD message display defined.

**Initial Default**: SNMP Alert;#LCD;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

### HWC8501

**Message**: The KVM interconnect is not connected or is improperly connected.

**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

**SubCategory**: HWC = Hardware Config

**Severity**: Severity 1 (Critical)

**Trap/EventID**: 2329

**LCD Message**: No LCD message display defined.

**Initial Default**: SNMP Alert;#LCD;#LC Log;#Remote System Log

<table>
<thead>
<tr>
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<td>FALSE</td>
</tr>
</tbody>
</table>
HWC8503

Message: The control panel is online
Detailed Description: The control panel is available
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: HWC = Hardware Config
Severity: Severity 3 (Informational)
Trap/EventID: 2331
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#LC Log;#Remote System Log

HWC8504

Message: Cannot communicate with control panel.
Detailed Description: The control panel 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
SubCategory: HWC = Hardware Config
Severity: Severity 1 (Critical)
Trap/EventID: 2329
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#LC Log;#Remote System Log
HWC8505

Message: Control panel firmware update arg1 complete

Arguments: arg1 = version

Detailed Description: The control panel firmware has been updated

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: HWC = Hardware Config
Severity: Severity 3 (Informational)
Trap/EventID: 2331
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

HWC8506

Message: Unable to update control panel firmware

Detailed Description: Control panel firmware update operation was not successful. The firmware Image file could not be transferred.

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
SubCategory: HWC = Hardware Config
Severity: Severity 1 (Critical)
Trap/EventID: 2329
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>
HWC1001

Message The \textit{arg1} is absent.

Arguments

\begin{itemize}
  \item \texttt{arg1} = \texttt{name}
\end{itemize}

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

SubCategory HWC = Hardware Config

Severity Severity 1 (Critical)

Trap/EventID FALSE

LCD Message The <name> is absent. Check hardware

Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

\begin{tabular}{cccccccc}
FALSE & FALSE & FALSE & FALSE & FALSE & FALSE & FALSE & FALSE \\
\end{tabular}

HWC1000

Message The \textit{arg1} is present.

Arguments

\begin{itemize}
  \item \texttt{arg1} = \texttt{name}
\end{itemize}

Detailed Description None

Recommended Response Action No response action is required.

Category System Health

SubCategory HWC = Hardware Config

Severity Severity 3 (Informational)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE
**HWC1002**

**Message**

The \textit{arg1} is disabled.

**Arguments**

- \textit{arg1} = name

**Detailed Description**

None

**Recommended Response Action**

If device disabled unexpectedly, re-enable device.

**Category**

System Health

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Cycle</th>
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</tr>
</tbody>
</table>

**HWC1003**

**Message**

The \textit{arg1} is enabled.

**Arguments**

- \textit{arg1} = name

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>
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

SubCategory
HWC = Hardware Config

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
The storage adapter is absent. Check hardware

Initial Default.
FALSE

Filter Visibility
FALSE

IPMI Alert Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
FALSE

LCD
FALSE

Power Off Cycle
FALSE

Power Cycle
FALSE

Reset
FALSE

HWC1004

Message
The storage adapter is present.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
HWC = Hardware Config

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE
### 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

**SubCategory**  
HWC = Hardware Config

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

---

### HWC1007

**Message**  
The storage adapter is enabled.

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
HWC = Hardware Config

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE
**HWC2000**

**Message**

The *arg1* cable or interconnect is connected.

**Arguments**

- *arg1* = name

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

**LCD Message**

No LCD message display defined.

**Initial Default**

LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**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

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2329

**LCD Message**

The <name> cable or interconnect failure. Check connection

**Initial Default**

LC Log
### 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

**SubCategory**  
HWC = Hardware Config

**Severity**  
Severity 3 (Informational)

** Trap/EventID**  
2331

**LCD Message**  
No LCD message display defined.

**Initial Default**  
LC Log

---

### 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

**SubCategory**  
HWC = Hardware Config

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2329

**LCD Message**  
Storage <name> cable or interconnect failure. Check connection
<table>
<thead>
<tr>
<th>Initial Default.</th>
<th>LC Log</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC2004**

**Message**
The system board cable or interconnect is connected.

**Arguments**
- arg1 = name

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**HWC2005**

**Message**
The system board 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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329
**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.

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
The backplane is absent. Check hardware

**Initial Default**
FALSE

---

**HWC1008**

**Message**
The backplane is present.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
HWC1010

**Message**
The backplane is disabled.

**Detailed Description**
None

**Recommended Response Action**
If disabled unexpectedly, re-enable backplane.

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

HWC1011

**Message**
The backplane is enabled.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
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
SubCategory    HWC = Hardware Config
Severity       Severity 1 (Critical)
Trap/EventID   2329
LCD Message    No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

HWC3001

Message     The $arg1$ is inserted.
Arguments    • $arg1$ = name

Detailed Description  None
Recommended Response Action No response action is required.

Category       System Health
SubCategory    HWC = Hardware Config
Severity       Severity 3 (Informational)
Trap/EventID   2331
LCD Message    No LCD message display defined.
Initial Default. LC Log
HWC2006

Message: The arg1s 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

SubCategory: HWC = Hardware Config

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: <name> is not installed correctly. Check connection

Initial Default: FALSE

---

HWC2007

Message: The arg1s installed correctly.

Arguments:

- **arg1** = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: HWC = Hardware Config

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.
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
SubCategory: HWC = Hardware Config
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Incompatibility between BMC/iDRAC firmware and CPU. Update firmware

Initial Default: FALSE

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
SubCategory: HWC = Hardware Config
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.

Initial Default: FALSE
<table>
<thead>
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<th>Email Alert</th>
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</tbody>
</table>

**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.

**Recommended Response Action**
An iDRAC or BMC firmware update is needed. Update the BMC/iDRAC firmware. If the problem persists, contact support.

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

<table>
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</tbody>
</table>

**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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

<table>
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</tbody>
</table>
**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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

**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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
### HWC4012

**Message**  
Hardware successfully updated for embedded NIC.

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

**Category**  
System Health

**SubCategory**  
HWC = Hardware Config

**Severity**  
Severity 3 (Informational)

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

---

### HWC4013

**Message**  
Hardware unsuccessfully updated for embedded NIC.

**Recommended Response Action**  
Check presence, re-install or reconnect, then re-attempt the update. If the problem persists, contact support.

**Category**  
System Health

**SubCategory**  
HWC = Hardware Config

**Severity**  
Severity 1 (Critical)

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE
HWC4014

Message Link Tuning data successfully updated.

Detailed None

Recommended No response action is required.

Response Action

Category System Health

SubCategory HWC = Hardware Config

Severity Severity 3 (Informational)

Trap/EventID 2331

LCD Message No LCD message display defined.

Initial Default. LC Log

<table>
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<tr>
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</tbody>
</table>

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

SubCategory HWC = Hardware Config

Severity Severity 1 (Critical)

Trap/EventID 2329

LCD Message No LCD message display defined.

Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

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

SubCategory

HWC = Hardware Config

Severity

Severity 1 (Critical)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

FALSE

Filter Visibility

IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory

HWC = Hardware Config

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

FALSE

Filter Visibility

IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset

FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
### HWC2010

**Message**
The riser board cable or interconnect is connected.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

### 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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Riser board cable or interconnect failure. Check connection

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

### 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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
The USB cable is absent. Check cable

**Initial Default.**
FALSE

---

**Filter Visibility**

<table>
<thead>
<tr>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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</thead>
<tbody>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC1012**

**Message**
The USB cable is present.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

**Filter Visibility**

<table>
<thead>
<tr>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC5000**

**Message**
arg1 is online.

**Arguments**

- arg1 = name
**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
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<td>TRUE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC5002**

**Message**
A fabric mismatch detected on arg1.

**Arguments**
- arg1 = name
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

SubCategory
HWC = Hardware Config

Severity
Severity 2 (Warning)

Trap/EventID
2330

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

HWC5003

Message
arg1 is operating correctly.

Arguments

• \( \text{arg1} = \text{name} \)

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
HWC = Hardware Config

Severity
Severity 3 (Informational)

Trap/EventID
2331

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tbody>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

HWC5004

Message
A link tuning failure detected on arg1.
Arguments

- \( \text{arg1} = \text{name} \)

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
SubCategory      HWC = Hardware Config
Severity         Severity 2 (Warning)
Trap/EventID     2330
LCD Message      No LCD message display defined.
Initial Default.  LC Log

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  LC Log  LCD  Power Off  Power Cycle  Reset
TRUE     FALSE  TRUE  TRUE  TRUE  FALSE  FALSE  FALSE  FALSE

HWC5006

Message
A failure is detected on \( \text{arg1} \).

Arguments
- \( \text{arg1} = \text{name} \)

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
SubCategory      HWC = Hardware Config
Severity         Severity 1 (Critical)
Trap/EventID     2329
LCD Message      No LCD message display defined.
Initial Default.  LC Log

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  LC Log  LCD  Power Off  Power Cycle  Reset
TRUE     FALSE  TRUE  TRUE  TRUE  FALSE  FALSE  FALSE  FALSE
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

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tbody>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.
### HWC5030

**Message**
IO module arg1 is online.

**Arguments**
- arg1 = number

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Visibility</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2330
**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

**SubCategory**
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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)
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

SubCategory
HWC = Hardware Config

Severity
Severity 2 (Warning)

Trap/EventID
2330

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

HWC5036

Message
A failure is detected on IO module arg1.

Arguments

* 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

SubCategory
HWC = Hardware Config
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

HWC3002

Message Server arg1is removed.
Arguments

- \( \text{arg1} = \text{number} \)

Detailed Description None
Recommended Response Action If removal was unintended, check presence, then re-insert
Category System Health
SubCategory HWC = Hardware Config
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

HWC3003

Message Server arg1was inserted.
Arguments

- \( \text{arg1} = \text{number} \)

Detailed Description None
Recommended Response Action No response action is required.
Category System Health
SubCategory: HWC = Hardware Config
Severity: Severity 3 (Informational)
Trap/EventID: 2331
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</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
SubCategory: HWC = Hardware Config
Severity: Severity 1 (Critical)
Trap/EventID: 2329
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</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
SubCategory: HWC = Hardware Config
Severity: Severity 3 (Informational)
Trap/EventID: 2331
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC7000**

**Message**: Server arg1 health changed to a normal state.

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

**Detailed Description**: None

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

Category: System Health
SubCategory: HWC = Hardware Config
Severity: Severity 3 (Informational)
Trap/EventID: 2331
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC7002**

**Message**: Server arg1 health changed to a warning state from a normal state.

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

**Detailed Description**: Server <number> 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
SubCategory HWC = Hardware Config
Severity Severity 2 (Warning)
Trap/EventID 2330
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**HWC7004**

Message Server arg1 health changed to a critical state from either a normal or warning state.

Arguments

• arg1 = number

Detailed Description Server <number> 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
SubCategory HWC = Hardware Config
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<td>TRUE</td>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

SubCategory
HWC = Hardware Config

Severity
Severity 1 (Critical)

Trap/EventID
2329

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

HWC7008

Message
Server arg1 health changed to a warning state from more severe state.

Arguments
• \[arg1 = \text{number}\]

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

SubCategory
HWC = Hardware Config

Severity
Severity 2 (Warning)

Trap/EventID
2330

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

HWC7010

Message
Server arg1 health changed to a critical state from a non-recoverable state.

Arguments
• \[arg1 = \text{number}\]
**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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2329

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**HWC6000**

**Message**
The arg1 controller is offline.

**Arguments**
- arg1 = name

---

280
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
SubCategory HWC = Hardware Config
Severity Severity 2 (Warning)
Trap/EventID 2330
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

HWC6001

Message The arg1 controller is online.
Arguments
• arg1 = name

Detailed Description None
Recommended Response Action No response action is required.
Category System Health
SubCategory HWC = Hardware Config
Severity Severity 3 (Informational)
Trap/EventID 2331
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

HWC6002

Message The arg1 controller is stuck in boot mode.
Arguments
• arg1 = name
Information and status from the controller is unavailable.

Remove and reapply input power. If problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

System Health

HWC = Hardware Config

Severity 1 (Critical)

2329

No LCD message display defined.

LC Log

HWC6003

The arg1controller is booting.

• \( arg1 = \text{name} \)

None

No response action is required.

System Health

HWC = Hardware Config

Severity 3 (Informational)

2331

No LCD message display defined.

LC Log

HWC6004

Cannot communicate with arg1controller.

• \( arg1 = \text{name} \)
### 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

### SubCategory
HWC = Hardware Config

### Severity
Severity 1 (Critical)

### Trap/EventID
2329

### LCD Message
No LCD message display defined.

### Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
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<td>TRUE</td>
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<td>FALSE</td>
</tr>
</tbody>
</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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

#### HWC1015

**Message**
The mezzanine card *arg1* is absent.

**Arguments**

- *arg1* = number
The mezzanine card may be necessary for proper operation. System functionality may be degraded.

If removal was unintended, check presence, then re-install or reconnect.

**Recommended Response Action**

**Category** System Health

**SubCategory** HWC = Hardware Config

**Severity** Severity 1 (Critical)

**Trap/EventID** FALSE

**LCD Message** No LCD message display defined.

**Initial Default.** FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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

**SubCategory** HWC = Hardware Config

**Severity** Severity 3 (Informational)

**Trap/EventID** FALSE

**LCD Message** No LCD message display defined.

**Initial Default.** FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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

### SubCategory
HWC = Hardware Config

### Severity
Severity 1 (Critical)

### Trap/EventID
FALSE

### LCD Message
No LCD message display defined.

### Initial Default
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

### 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

**SubCategory**
HWC = Hardware Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2331

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

### HWC1101

**Message**
The `arg1` is removed from slot `arg2`.
**Arguments**

- \( \text{arg1} = \text{name} \)
- \( \text{arg2} = \text{number} \)

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 3 (Informational)

**Trap/EventID**

2331

**LCD Message**

No LCD message display defined.

**Initial Default**

LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**HWC2012**

**Message**

A fabric mismatch detected on fabric \( \text{arg1} \) with server in slot \( \text{arg2} \).

**Arguments**

- \( \text{arg1} = \text{name} \)
- \( \text{arg2} = \text{number} \)

**Detailed Description**

The fabric type on the server does not match that of the IO module.

**Recommended Response Action**

Check chassis fabric type in CMC GUI and compare to the type of IOM or mezzanine card.

**Category**

System Health

**SubCategory**

HWC = Hardware Config

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2329

**LCD Message**

No LCD message display defined.

**Initial Default**

LC Log

<table>
<thead>
<tr>
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</tbody>
</table>

286
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
SubCategory HWC = Hardware Config
Severity Severity 3 (Informational)
Trap/EventID 2331

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

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
SubCategory HWC = Hardware Config
Severity Severity 1 (Critical)
Trap/EventID 2329

LCD Message
A hardware misconfiguration detected on <name>. Check hardware

Initial Default
LC Log
HWC2015

Message  The arg1s configured correctly.

Arguments  

Detailed Description  None.

Recommended Response Action  No response action is required.

Category  System Health

SubCategory  HWC = Hardware Config

Severity  Severity 3 (Informational)

Trap/EventID  2331

 LCD Message  No LCD message display defined.

Initial Default.  LC Log

HWC5035

Message  An over-temperature event detected on I/O module arg1.

Arguments  

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

SubCategory  HWC = Hardware Config

Severity  Severity 1 (Critical)

Trap/EventID  2329
**HWC5037**

**Message**

I/O module arg1 failed to boot.

**Arguments**

- 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

**SubCategory** HWC = Hardware Config

**Severity** Severity 1 (Critical)

**Trap/EventID** 2329

**LCD Message** No LCD message display defined.

**Initial Default** LC Log

**Filter Visibility** TRUE

**IPMI Alert** FALSE

**SNMP Alert** TRUE

**Email Alert** TRUE

**LC Log** TRUE

**LCD** FALSE

**Power Off** FALSE

**Power Cycle** FALSE

**Reset** FALSE

---

**HWC1201**

**Message**

The arg1 was removed from slot arg2.

**Arguments**

- arg1 = name
- arg2 = number

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category** System Health

**SubCategory** HWC = Hardware Config

**Filter Visibility** TRUE

**IPMI Alert** FALSE

**SNMP Alert** TRUE

**Email Alert** TRUE

**LC Log** TRUE

**LCD** FALSE

**Power Off** FALSE

**Power Cycle** FALSE

**Reset** FALSE
Severity Severity 1 (Critical)
Trap/EventID 2329
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

HWC1200

Message The arg1 was inserted in slot arg2.
 Arguments
  • arg1 = name
  • arg2 = number

Detailed Description None
Recommended Response Action No response action is required.
Category System Health
SubCategory HWC = Hardware Config
Severity Severity 3 (Informational)
Trap/EventID 2331
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>
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
SubCategory: IOV = IO Virtualization
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: None

<table>
<thead>
<tr>
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<td>FALSE</td>
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</tbody>
</table>

**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
SubCategory: IOV = IO Virtualization
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: None
IOV002

**Message**
Unable to create or allocate the required resources.

**Detailed Description**
The error occurs 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 older version. 3) There is an internal communications problem between chassis components.

**Recommended Response Action**
Make sure the firmware for the various chassis components are compatible with each other. If the firmware has been rolled back to a previous version, this error may occur. If this is the case power down chassis; issue a racadm wipe command; power up chassis. If not the case power cycle the chassis. If the problem persists, contact technical support.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

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. Only Dell approved adapters are supported.

**Recommended Response Action**
Make sure that supported adapters are used and installed correctly in the PCIe slots.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None
### IOV004

**Message**
Unable to turn on PCIe device.

**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

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

---

### IOV005

**Message**
Chassis manager not ready to process commands.

**Detailed Description**
In order for Chassis to execute most of its command the chassis must be powered on.

**Recommended Response Action**
Power on chassis and retry the command.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None
<table>
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<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**IOV006**

**Message**  
Incorrect IOV component firmware version.

**Detailed Description**  
The IOV subsystem is comprised of several entities whose firmware versions must be of the same group. User should not update individual IOV subsystem sub-components.

**Recommended Response Action**  
Upload the latest firmware version

**Category**  
Configuration

**SubCategory**  
IOV = IO Virtualization

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
None

<table>
<thead>
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<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

**IOV007**

**Message**  
Chassis manager unable to allocate power of one or more PCIE adapters.

**Detailed Description**  
For each adapter assigned to server power is allocated when the server is powered on. If the only portion of the needed power is available the Chassis manager will not power on servers associated adapters.

**Recommended Response Action**  
Power off one or more blades thereby freeing power

**Category**  
Configuration

**SubCategory**  
IOV = IO Virtualization

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
None

<table>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
IOV008

Message: Chassis manager was unable to put PCIe subsystem into factory mode
Detailed Description: Chassis manager was unable to put PCIe subsystem into factory mode
Recommended Response Action: Retry command
Category: Configuration
SubCategory: IOV = IO Virtualization
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

IOV009

Message: Chassis manager unable to reset to factory default or pre-factory defaults.
Detailed Description: The Chassis manager only executes this function when the chassis is powered down.
Recommended Response Action: Power down chassis and retry command
Category: Configuration
SubCategory: IOV = IO Virtualization
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: None

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

IOV101

Message: PCIE device arg1 inserted in arg2arg3.
Arguments

- \( \text{arg1} = \text{device name} \)
- \( \text{arg2} = \text{slot type} \)
- \( \text{arg3} = \text{slot number} \)

Detailed Description
The Chassis manager has detected the presence of an adapter card in a slot not previously occupied.

Recommended Response Action
No response action is required.

Category Configuration
SubCategory IOV = IO Virtualization
Severity Severity 3 (Informational)
Trap/EventID 10747
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>LCD</th>
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</tr>
</tbody>
</table>

IOV102

Message PCIE device \( \text{arg1} \) removed from \( \text{arg2} \) \( \text{arg3} \).

Arguments

- \( \text{arg1} = \text{device name} \)
- \( \text{arg2} = \text{slot type} \)
- \( \text{arg3} = \text{slot number} \)

Detailed Description
The Chassis manager has detected the removal of an adapter card from a specific slot.

Recommended Response Action
No response action is required.

Category Configuration
SubCategory IOV = IO Virtualization
Severity Severity 3 (Informational)
Trap/EventID 10747
LCD Message No LCD message display defined.
Initial Default LC Log

296
### IOV103

**Message**
PCIE device `arg1`, `arg2`, `arg3` replaced by PCIE device `arg4`.

**Arguments**
- `arg1` = device name
- `arg2` = slot type
- `arg3` = slot number
- `arg4` = device name

**Detailed Description**
The Chassis manager has detected the insertion of an adapter card into a slot previously occupied.

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

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**LCD Message**
No LCD message display defined.

**Initial Default.**
LCD; #LC Log

---

### IOV104

**Message**
Chassis manager unable to allocate `arg1` `WATTS` for server `arg2`s PCIE adapters.

**Arguments**
- `arg1` = number of WATTS
- `arg2` = server slot number

**Detailed Description**
For each adapter assigned to server power is allocated when the server is powered on. If the only portion of the needed power is available the Chassis manager will not power on servers associated adapters.

**Recommended Response Action**
Increase power cap or add additional power supply.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization
**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2554

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert; EMAIL Alert; LCD; LC Log

<table>
<thead>
<tr>
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</tbody>
</table>

**IOV105**

**Message**  
Unable to manage PCI E device arg1 located in arg2arg3.

**Arguments**

- arg1 = device name
- arg2 = slot type
- arg3 = slot number

**Detailed Description**  
An error by the IOV 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 or false hot plug signals. Only Dell approved adapters are supported.

**Recommended Response Action**  
Make sure that supported adapters are used and installed correctly in the PCIe slot.

**Category**  
System Health

**SubCategory**  
IOV = IO Virtualization

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
2554

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert; EMAIL Alert; LCD; LC Log

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</tbody>
</table>

**IOV106**

**Message**  
Unable to power on PCIe device arg1in arg2arg3.

**Arguments**

- arg1 = device name
- arg2 = slot type
- arg3 = slot number
**Detailed Description**
The Chassis manager is unable to power on adapter. Possible reasons for power failures are:
1. Adapter not approved by Dell and therefore not within require specifications
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

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; EMAIL Alert; LCD; LC Log

---

### IOV107

**Message**
PCIe slot arg1 adapter arg2 removed while powered on.

**Arguments**
- **arg1** = adapter slot number
- **arg2** = device ID

**Detailed Description**
The Chassis manager has detected the removal of a PCIe adapter card which was assigned to a powered on server.

**Recommended Response Action**
Power down the affected server(s) and then power on the server(s). Note: OS reboot will not correct this issue.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2553

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; EMAIL Alert; LCD; LC Log

---

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</tr>
</tbody>
</table>

**Message**
PCIe slot arg1 adapter arg2 removed while powered on.

**Arguments**
- **arg1** = adapter slot number
- **arg2** = device ID

**Detailed Description**
The Chassis manager has detected the removal of a PCIe adapter card which was assigned to a powered on server.

**Recommended Response Action**
Power down the affected server(s) and then power on the server(s). Note: OS reboot will not correct this issue.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2553

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; EMAIL Alert; LCD; LC Log

---

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</table>
**IOV108**

**Message**
Power fault detected on PCIE device \( arg_1 \), \( arg_2 \), \( arg_3 \).

**Arguments**
- \( arg_1 \) = device name
- \( arg_2 \) = slot type
- \( arg_3 \) = slot number

**Detailed Description**
The Chassis manager detected a power fault in an adapter after the adapter was powered on. A power fault may be caused a damaged adapter or an adapter whose 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 the service provider.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; EMAIL Alert; LCD; LC Log

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**IOV010**

**Message**
A license is required to assign more than 2 PCIE slots to a server.

**Detailed Description**
Non-licensed systems are only allowed two slots per server.

**Recommended Response Action**
Import license which allows assignments of more than 2 PCIE slot per server.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None
**IOV011**

**Message**
To assign or unassign all affected servers must be powered down.

**Detailed Description**
All affected servers must be powered down before an assign or unassign action can be performed.

**Recommended Response Action**
Power down affected server(s).

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

---

**IOV012**

**Message**
A license is required to assign VA to non-default server.

**Detailed Description**
Non-licensed system default VA 1-4 assignements to servers 1-4 respectively.

**Recommended Response Action**
Import license which allows customer to assign a PERC VA to any server.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None
IOV013

**Message**
A server may only be assigned one and only one VA.

**Detailed Description**
A server may not have more than one VA assigned.

**Recommended Response Action**
Unassign the current VA assignment.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

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</table>

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

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LCD

<table>
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</tbody>
</table>

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

### SubCategory
IOV = IO Virtualization

### Severity
Severity 3 (Informational)

### Trap/EventID
FALSE

### LCD Message
No LCD message display defined.

### Initial Default
None

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</table>

#### IOV111

**Message**
Unable to update chassis infrastructure firmware.

**Detailed Description**
Failed to update chassis infrastructure firmware.

**Recommended Response Action**
Try updating again.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

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</table>

#### IOV112

**Message**
Chassis infrastructure firmware is corrupted.

**Detailed Description**
Chassis infrastructure firmware is corrupted.

**Recommended Response Action**
Update the chassis infrastructure firmware.
Category: System Health
SubCategory: IOV = IO Virtualization
Severity: Severity 1 (Critical)
Trap/EventID: 2553
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#EMAIL Alert;#LCD;#LC Log;#Remote System Log

<table>
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IOV113

Message: Chassis infrastructure firmware recovered.

Detailed Description: Chassis infrastructure firmware recovered.

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: IOV = IO Virtualization
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LCD;#LC Log

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</table>

IOV114

Message: $arg1$ assigned to server-$arg3$.

Arguments:
- $arg1$ = PCIE Slot/PERC VA
- $arg2$ = slot/VA number
- $arg3$ = server number

Detailed Description: A PCIE Slot or PERC Virtual Adapter has been assigned to a server

304
**Recommended Response Action**
No response action is required.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
10747

**LCD Message**
No LCD message display defined.

**Filter**
TRUE

**Visibility**
FALSE

**IPMI Alert**
TRUE

**SNMP Alert**
TRUE

**Email Alert**
TRUE

**LC Log**
FALSE

**LCD**
FALSE

**Power Off**
FALSE

**Power Cycle**
FALSE

**Reset**
FALSE

**IOV116**

**Message**
PCIE AUX power cable.arg1.disconnected while powered on.

**Arguments**
- **arg1** = cable number

**Detailed Description**
The Chassis manager detected a power fault in an PCIE AUX power cable after the adapter was powered on. A power fault may be caused by loose cable connection to the adapter or between the cable and the AUX cable harness.

**Recommended Response Action**
Make sure a AUX power cable is fully plugged into card and AUX cable harness.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**LCD Message**
No LCD message display defined.

**Filter**
TRUE

**Visibility**
FALSE

**Email Alert**
TRUE

**LC Log**
TRUE

**Power Off**
FALSE

**Power Cycle**
FALSE

**Reset**
FALSE

**IOV115**

**Message**
Unable to allocate arg1WATTS for discovery of PCIE adapters

**Arguments**
- **arg1** = 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

Raise power cap or add power supply.

### Category

Configuration

### SubCategory

IOV = IO Virtualization

### Severity

Severity 2 (Warning)

### Trap/EventID

10746

### LCD Message

No LCD message display defined.

### Initial Default

LC Log

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</table>

### IOV117

#### Message

`arg1`arg2unassigned from server-arg3.

#### Arguments

- `arg1` = PCIE Slot/PERC VA
- `arg2` = slot/VA number
- `arg3` = server number

#### Detailed Description

A PCIE Slot or PERC Virtual Adapter has been unassigned from a server.

#### Recommended Response Action

No response action is required.

#### Category

Configuration

#### SubCategory

IOV = IO Virtualization

#### Severity

Severity 3 (Informational)

### Trap/EventID

10747

### LCD Message

No LCD message display defined.

### Initial Default

LC Log

<table>
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</table>
IOV118

Message
IOV Fabric arg1 is down

Arguments
- arg1 = Fabric ID

Detailed Description
IOV Fabric B or C is not up.

Recommended Response Action
Power cycle the chassis

Category
System Health

SubCategory
IOV = IO Virtualization

Severity
Severity 1 (Critical)

Trap/EventID
2553

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#EMAIL Alert;#LC Log

---

IOV119

Message
arg1 PCIe card module with a PCIe card is discovered in PCIe slot arg2

Arguments
- arg1 = x8/x16
- arg2 = slot number

Detailed Description
The Chassis manager has discovered the presence of a PCIe card module with a PCIe card in it in a slot identified in the message.

Recommended Response Action
No response action is required.

Category
Configuration

SubCategory
IOV = IO Virtualization

Severity
Severity 3 (Informational)

Trap/EventID
10747

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LC Log;#Remote System Log
IOV120

Message  
arg1/PCIe card module without a PCIe card is discovered in PCIe slot arg2

Arguments  
- arg1 = x8/x16
- arg2 = slot number

Detailed Description  
The Chassis manager has discovered the presence of a PCIe card module without a PCIe card in it in a slot identified in the message.

Recommended Response Action  
No response action is required.

Category  
Configuration

SubCategory  
IOV = IO Virtualization

Severity  
Severity 3 (Informational)

Trap/EventID  
10747

LCD Message  
No LCD message display defined.

Initial Default.  
SNMP Alert;#LCD;#LC Log;#Remote System Log

IOV121

Message  
PCIe card module is not discovered in PCIe slot arg1

Arguments  
- arg1 = slot number

Detailed Description  
PCIe card module is not discovered in the specified slot.

Recommended Response Action  
No response action is required.

Category  
Configuration

SubCategory  
IOV = IO Virtualization

Severity  
Severity 3 (Informational)

Trap/EventID  
10747

LCD Message  
No LCD message display defined.
**IOV122**

**Message**
Power fault detected on PCIe device in PCIe slot arg1

**Arguments**
- arg1 = slot number

**Detailed Description**
To be updated

**Recommended Response Action**
To be updated

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554

**LCD Message**
No LCD message display defined.

---

**Initial Default.**
SNMP Alert;#LCD;#LC Log;#Remote System Log

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</tbody>
</table>

**IOV123**

**Message**
VAUX failure detected on PCIe device in PCIe slot arg1

**Arguments**
- arg1 = slot number

**Detailed Description**
To be updated

**Recommended Response Action**
To be updated

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2554
### IOV124

**Message**
Power fault cleared on PCIe device in PCIe slot `arg1`

**Arguments**
- `arg1` = slot number

**Detailed Description**
The previously occurred power fault on the PCIe device is cleared.

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

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2555

**Initial Default.**
SNMP Alert;#LCD;#LC Log;#Remote System Log

---

### IOV125

**Message**
VAUX failure cleared on PCIe device in PCIe slot `arg1`

**Arguments**
- `arg1` = slot number

**Detailed Description**
The previously occurred VAUX failure on the PCIe device is cleared.

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

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)
**IOV126**

**Message**
Unable to communicate with PCIe subsystem

**Detailed Description**
The Chassis manager is not able to communicate with the PCIE subsystem to configure the PCIE slot mapping.

**Recommended Response Action**
AC cycle the chassis. If the issue persists after AC cycle, contact the service provider.

**Category**
System Health

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2553

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#LC Log;#Remote System Log

---

**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

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
None
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

SubCategory
IOV = IO Virtualization

Severity
Severity 1 (Critical)

Recommended Response Action
No LCD message display defined.

Initial Default
None

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 Dell Chassis PCI Management Profile document and provide the required parameter.

Category
Configuration

SubCategory
IOV = IO Virtualization

Severity
Severity 2 (Warning)

Recommended Response Action
No LCD message display defined.

Initial Default
None
**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 Dell Chassis PCI Management Profile document and provide the required parameters.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

** Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

**Filter Visibility**
FALSE

**IPMI Alert**
FALSE

**SNMP Alert**
FALSE

**Email Alert**
FALSE

**LC Log**
FALSE

**LCD**
FALSE

**Power Off**
FALSE

**Power Cycle**
FALSE

**Reset**
FALSE

---

**IOV1005**

**Message**
Invalid slot FQDD arg1.

**Arguments**
- 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

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

** Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

**Filter Visibility**
FALSE

**IPMI Alert**
FALSE

**SNMP Alert**
FALSE

**Email Alert**
FALSE

**LC Log**
FALSE

**LCD**
FALSE

**Power Off**
FALSE

**Power Cycle**
FALSE

**Reset**
FALSE
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

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

---

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 or false hot plug signals. Only Dell-approved adapters are supported.

**Recommended Response Action**
Insert only Dell supported adapter cards into system PCIe slots and make sure they are fully inserted. Retry the operation.

**Category**
Configuration

**SubCategory**
IOV = IO Virtualization

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None
### IOV1008

**Message:** Invalid Virtual Adapter FQDD `arg1`.

**Arguments:**
- `arg1` = FQDD value

**Detailed Description:** The FQDD (Fully Qualified Device Descriptor) value entered 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

**SubCategory:** IOV = IO Virtualization

**Severity:** Severity 2 (Warning)

**Trap/EventID:** FALSE

**LCD Message:** No LCD message display defined.

**Initial Default:** None

+-----------------+-----------------+-----------------+-----------------+-----------------+-----------------+-----------------+-----------------+-----------------+-----------------+
<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

### 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 Dell Chassis PCI Management Profile document for the required parameter definitions.

**Category:** Configuration

**SubCategory:** IOV = IO Virtualization

**Severity:** Severity 2 (Warning)

**Trap/EventID:** FALSE

**LCD Message:** No LCD message display defined.

**Initial Default:** None
<table>
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</tbody>
</table>
JCP Event Messages

JCP8501

Message

Job ID: \textit{arg1}. CMC sent \textit{arg2} of \textit{arg3} profiles \textit{arg4} properties to the server (Service Tag: \textit{arg7}) in the slot \textit{arg8}.

Arguments

- \textit{arg1} = job ID
- \textit{arg2} = number of applied settings
- \textit{arg3} = number of available settings
- \textit{arg4} = profile name
- \textit{arg5} = profile type
- \textit{arg6} = \textit{info\_str}
- \textit{arg7} = service tag
- \textit{arg8} = 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

Audit

SubCategory

JCP = Job Control

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default

LC Log

<table>
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<td>FALSE</td>
</tr>
</tbody>
</table>

JCP003

Message

Job failed.

Detailed Description

An iDRAC reboot caused a failure of the scheduled jobs.
**Recommended Response Action**
Retry the update and schedule the update job.

**Category**
Configuration

**SubCategory**
JCP = Job Control

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
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</tbody>
</table>

**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

**SubCategory**
JCP = Job Control

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**JCP007**

**Message**
Job successfully completed.

**Detailed Description**
The submitted job completed successfully.

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

**Category**
Configuration
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

**SubCategory**: JCP = Job Control

**Severity**: Severity 3 (Informational)

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: FALSE

### Filter Visibility

<table>
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</tr>
</tbody>
</table>

### JCP011

**Message**: Invalid parameter value for \(\text{arg1}\)

**Arguments**

- \(\text{arg1} = \) 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
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 problem continues, reset iDRAC and retry the operation.

Category
Configuration

SubCategory
JCP = Job Control

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
FALSE

LCD
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

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

SubCategory
JCP = Job Control
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.

Category
Configuration

SubCategory
JCP = Job Control

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE
### JCP016

**Message**
Invalid UntilTime value. A minimum of 12 minutes is required.

**Detailed Description**
The UntilTime input parameter for the job or job queue creation must be at least 12 minutes after the value specified in the StartTime parameter.

**Recommended Response Action**
Set the UntilTime at least 12 minutes after StartTime and retry.

### 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**
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.
JCP022

Message
Invalid Job ID arg1 for scheduling or deletion operation.

Arguments
• arg1 = jobid number

Detailed Description
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.

Recommended Response Action
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.

Category Configuration
SubCategory JCP = Job Control
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

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
One of the job ID values specified as input is duplicated. Remove the duplicated Job ID from the operation input parameters and retry the operation.

Category
Configuration

SubCategory
JCP = Job Control

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
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</tbody>
</table>

JCP009

Message
Scheduled job was cancelled.

Detailed Description
Scheduled jobs were deleted as a result of a cancel job request. The job cancellation request is manually or programmatically initiated. Lifecycle Controller enters Recovery mode when unrecoverable and persistent errors occur.

Recommended Response Action
If the job was not cancelled manually, then Lifecycle Controller may be in Recovery mode. To verify or change Recovery mode, use F2 Setup to select iDRAC Configuration then Lifecycle Controller Settings.

Category
Configuration

SubCategory
JCP = Job Control

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
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</table>
LC Event Messages

LC054

<table>
<thead>
<tr>
<th>Message</th>
<th>Unable to write to the network share.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The network share may be read-only or it may not have sufficient space for the export operation.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Verify the network share is not read-only and has sufficient space for exporting, then retry the operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration</td>
</tr>
<tr>
<td>SubCategory</td>
<td>LC = Lifecycle Contr</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
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</table>

<table>
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</table>

LC055

<table>
<thead>
<tr>
<th>Message</th>
<th>Operation failed due to invalid attribute array.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The operation failed because the number of AttributeName input parameters provided to the method exceeded the number of attributes available in iDRAC.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation with an input parameter array that matches the available attributes in iDRAC.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration</td>
</tr>
<tr>
<td>SubCategory</td>
<td>LC = Lifecycle Contr</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
<tr>
<td>Message</td>
<td>AttributeName and AttributeValue count mismatch.</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>The name value pairs in the input parameter arrays do not match in the input.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation with a valid (AttributeName, AttributeValue) pair.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration</td>
</tr>
<tr>
<td>SubCategory</td>
<td>LC = Lifecycle Contr</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
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<td>Trap/EventID</td>
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<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
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<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Message</th>
<th>Invalid AttributeName parameter value.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The attribute name provided is not valid for the current method.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Retry the operation with a valid AttributeName parameter value.</td>
</tr>
<tr>
<td>Category</td>
<td>Configuration</td>
</tr>
<tr>
<td>SubCategory</td>
<td>LC = Lifecycle Contr</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
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</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
LC058

Message  Invalid AttributeValue parameter value for corresponding AttributeName value, \textit{arg1}.

Arguments  

\begin{itemize}
  \item \textit{arg1} = \text{AttributeName}
\end{itemize}

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

SubCategory  LC = Lifecycle Contr

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default.  FALSE

<table>
<thead>
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</tr>
</tbody>
</table>

LC059

Message  Cannot set read only attribute specified in AttributeName \textit{arg1}.

Arguments  

\begin{itemize}
  \item \textit{arg1} = \text{parameter}
\end{itemize}

Detailed Description  The attribute specified is read only and the value cannot be changed.

Recommended Response Action  No response action is required.

Category  Configuration

SubCategory  LC = Lifecycle Contr

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default.  FALSE
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

SubCategory
LC = Lifecycle Contr

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

---

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

SubCategory
LC = Lifecycle Contr

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE
**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

**SubCategory**  
LC = Lifecycle Contr

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

**Filter Visibility**  
<table>
<thead>
<tr>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**  
LC = Lifecycle Contr

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

**Filter Visibility**  
<table>
<thead>
<tr>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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 compete.

Recommended Response Action
To retry the operation, wait for a few minutes.

Category
Configuration

SubCategory
LC = Lifecycle Contr

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory
LC = Lifecycle Contr

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

LC064

Message
The value exceeds the maximum length of \textit{arg1} characters for \textit{arg2}.

Arguments
- \textit{arg1} = max parameter length
- \textit{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

SubCategory
LC = Lifecycle Contr

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
LIC Event Messages

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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
LIC503

**Message**
Unable to complete the current operation. The currently installed license does not support the following features: \( \text{arg1} \).

**Arguments**
- \( \text{arg1} = \text{licensable features} \)

**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.

**Recommended Response Action**
Acquire and install the license to enable the required feature, and retry the operation. If the problem persists, contact technical support or see product documentation for more information.

**Category**
Audit

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

** Trap/EventID**
FALSE

** LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

LIC000

**Message**
The License Manager action succeeded.

**Detailed Description**
This command was successful.

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

**Category**
Audit

**SubCategory**
LIC = Licensing

**Severity**
Severity 3 (Informational)

** Trap/EventID**
FALSE

** LCD Message**
No LCD message display defined.
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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

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

**SubCategory**
LIC = Licensing

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE
 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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

**Filter Visibility**
FALSE

**IPMI Alert**
FALSE

**SNMP Alert**
FALSE

**Email Alert**
FALSE

**LC Log**
FALSE

**LCD**
FALSE

**Power Off**
FALSE

**Power Cycle**
FALSE

**Reset**
FALSE

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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)
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
SubCategory LIC = Licensing
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

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
SubCategory LIC = Licensing
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE
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
SubCategory LIC = Licensing
Severity Severity 2 (Warning)
Trap/EventID FALSE

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
SubCategory LIC = Licensing
Severity Severity 2 (Warning)
Trap/EventID FALSE

Initial Default. FALSE

338
### 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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

### 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

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
LIC011

**Message**
A non-evaluation license cannot be replaced with an evaluation license.

**Detailed Description**
License Manager does not allow the replacement of a non-evaluation license with an evaluation license.

**Recommended Response Action**
To replace a non-evaluation license, first delete the non-evaluation license, then import the evaluation license.

**Category**
Audit

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

LIC012

**Message**
The license file does not exist.

**Detailed Description**
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.

**Recommended Response Action**
Re-import the license.

**Category**
Audit

**SubCategory**
LIC = Licensing

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
<table>
<thead>
<tr>
<th>Message</th>
<th>These license features are not supported by this firmware version.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The license includes features not supported in this firmware release.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Update the firmware to the latest version.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit</td>
</tr>
<tr>
<td>SubCategory</td>
<td>LIC = Licensing</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**LIC014**

<table>
<thead>
<tr>
<th>Message</th>
<th>Multiple backup or restore operations have been simultaneously attempted on the License Manager database.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>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.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Repeat the Lifecycle Controller backup or restore operation.</td>
</tr>
<tr>
<td>Category</td>
<td>Audit</td>
</tr>
<tr>
<td>SubCategory</td>
<td>LIC = Licensing</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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
SubCategory: LIC = Licensing
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

LIC016

Message: The feature dependencies of the license are not met.

Detailed Description: The license includes features that are dependent upon additional licensed features not included in this license. These licensed features are not activated until license(s) with the dependent licensed features are imported to the system.

Recommended Response Action: Import the license(s) that meet the license features dependencies.

Category: Audit
SubCategory: LIC = Licensing
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
### 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

**SubCategory**
LIC = Licensing

**Severity**
Severity 1 (Critical)

** Trap/EventID**
FALSE

** LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

### 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

**SubCategory**
LIC = Licensing

**Severity**
Severity 3 (Informational)

** Trap/EventID**
FALSE

** LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
LIC019

Message  A leased license may not be imported prior to its start date.

Detailed Description  A leased license may not be imported prior to the actual start date of the license.

Recommended Response Action  Import the license on or after the license start date.

Category  Audit

SubCategory  LIC = Licensing

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  FALSE

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  LC Log  LCD  Power Off  Power Cycle  Reset
FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE

LIC020

Message  Import failed: End User License Agreement (EULA) import upgrade warning.

Detailed Description  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.

Recommended Response Action  If the base license was deleted, override the warning by invoking the import override option.

Category  Audit

SubCategory  LIC = Licensing

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  FALSE

Filter Visibility  IPMI Alert  SNMP Alert  Email Alert  LC Log  LCD  Power Off  Power Cycle  Reset
FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE
LIC021

Message  Import failed: The features contained in the evaluation license are already licensed.

Detailed Description  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.

Recommended Response Action  Remove the license(s) that contain the license set from the evaluation license.

Category  Audit

SubCategory  LIC = Licensing

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

LIC201

Message  License arg1 assigned to device arg2 expires in arg3 days.

Arguments  
- arg1 = entitlement ID
- arg2 = device name
- arg3 = number of days

Detailed Description  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.

Recommended Response Action  Purchase a new license to prevent interruption of licensed features.

Category  Audit

SubCategory  LIC = Licensing

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  FALSE
LIC203

Message
The license \texttt{arg1} has encountered an error.

Arguments
• \texttt{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
SubCategory LIC = Licensing
Severity Severity 1 (Critical)
Trap/EventID 8513

LIC206

Message
EULA warning: Importing license \texttt{arg1} may violate the End-User License Agreement.

Arguments
• \texttt{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
SubCategory LIC = Licensing
Severity Severity 2 (Warning)
Trap/EventID 8514

LCD Message
No LCD message display defined.
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
SubCategory LIC = Licensing
Severity Severity 2 (Warning)
Trap/EventID 8514

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
SubCategory LIC = Licensing
Severity Severity 3 (Informational)
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
SubCategory  LIC = Licensing
Severity  Severity 3 (Informational)
Trap/EventID  8515
LCD Message  No LCD message display defined.
Initial Default  SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

LIC210

Message  License arg1 deleted from device arg2 successfully.
Arguments  
  - arg1 = entitlement ID  
  - arg2 = device name

Detailed Description  A license was successfully deleted.
Recommended Response Action  No response action is required.
Category  Audit
**LIC022**

**Message**
License Manager database locked due to ongoing backup and restore operation.

**Detailed Description**
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.

**Recommended Response Action**
Wait until the backup or restore operation completes and try again.

**Category**
Audit

**SubCategory**
LIC = Licensing

**Severity**
Severity 3 (Informational)

**Trap/EventID**
8515

**Initial Default**
SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tbody>
<tr>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
LIC = Licensing

**Severity**
Severity 3 (Informational)
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

SubCategory: LIC = Licensing

Severity: Severity 1 (Critical)

Trap/EventID: 8513

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

LIC900

Message: The command was successful.

Detailed Description: The operation was successful.

Recommended Response Action: No response action is required.

Category: Configuration

SubCategory: LIC = Licensing

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE
LIC901

Message  Invalid parameter value for "arg1".
Arguments
  •  "arg1" = parameter

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
SubCategory  LIC = Licensing
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

LIC902

Message  Resource allocation failure.
Detailed Description  Unable to allocate the resource due to lack of memory or file space in iDRAC.
Recommended Response Action  Reset iDRAC and retry the operation.
Category  Configuration
SubCategory  LIC = Licensing
Severity  Severity 1 (Critical)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Visibility</th>
<th>SNMP Alert Visibility</th>
<th>Email Alert Visibility</th>
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<td>TRUE</td>
</tr>
</tbody>
</table>

**LIC903**

**Message**

Missing parameters `arg1`.

**Arguments**

`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.

**Category**

Configuration

**SubCategory**

LIC = Licensing

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Visibility</th>
<th>SNMP Alert Visibility</th>
<th>Email Alert Visibility</th>
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</tr>
</tbody>
</table>

**LIC904**

**Message**

Could not connect to network share.

**Detailed Description**

The network share is not accessible from iDRAC.

**Recommended Response Action**

Verify the network share connection and retry the operation.

**Category**

Configuration

**SubCategory**

LIC = Licensing

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE
### LIC905

**Message**

The LicenseName value cannot exceed 64 characters.

**Detailed Description**

The LicenseName value is greater than the allowed max length of 64.

**Recommended Response Action**

Correct the length of the LicenseName value and retry the operation.

**Category**

Configuration

**SubCategory**

LIC = Licensing

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tbody>
</table>

### 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

**SubCategory**

LIC = Licensing

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

353
LIC907

Message: Unable to perform the operation due to an unknown error in iDRAC.
Detailed Description: The operation failed to execute due to an unknown error in iDRAC.
Recommended Response Action: Retry the operation. If this fails, reset iDRAC.
Category: Configuration
SubCategory: LIC = Licensing
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>
LNK Event Messages

LNK8500

Message
Network link to servers in slotarg1IOMarg2portarg3s down

Arguments
• arg1 = slot id
• arg2 = iom id
• arg3 = port id

Detailed Description
Internal sled network connection is down

Recommended Response Action
Remove and re-insert the sled

Category
System Health

SubCategory
LNK = Link Status

Severity
Severity 1 (Critical)

Trap/EventID
2249

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#EMAIL Alert;#LCD;#LC Log;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

LNK8501

Message
Network link to servers in slotarg1IOMarg2portarg3s up

Arguments
• arg1 = slot id
• arg2 = iom id
• arg3 = port id

Detailed Description
Internal sled network connection is up

Recommended Response Action
No response action is required.
Category: System Health

SubCategory: LNK = Link Status

Severity: Severity 3 (Informational)

Trap/EventID: 2251

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#EMAIL Alert;#LCD;#LC Log;#Remote System Log

Filter Visibility

<table>
<thead>
<tr>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**LNK2700**

Message: The arg1 network link is down.

Arguments:

- arg1 = name

Detailed Description: CMC has lost network connection.

Recommended Response Action: Check network cable and network connections.

Category: System Health

SubCategory: LNK = Link Status

Severity: Severity 1 (Critical)

Trap/EventID: 2249

LCD Message: No LCD message display defined.

Initial Default: LC Log

Filter Visibility

<table>
<thead>
<tr>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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

SubCategory
LNK = Link Status

Severity
Severity 3 (Informational)

Trap/EventID
2251

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>
LOG Event Messages

LOG004

**Message**
Resource allocation failure.

**Detailed Description**
The operation failed due to lack of memory or file space in iDRAC.

**Recommended Response Action**
Reset iDRAC and retry the operation.

**Category**
Configuration

**SubCategory**
LOG = Log event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

LOG005

**Message**
Cannot perform the operation due to an unknown error in iDRAC.

**Detailed Description**
The operation failed to run due to an unknown error in iDRAC.

**Recommended Response Action**
Retry the action. If this fails, reset iDRAC.

**Category**
Configuration

**SubCategory**
LOG = Log event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE
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

SubCategory
LOG = Log event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

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

SubCategory
LOG = Log event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None
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.

Recommended Response Action
No response action is required.

Category
Configuration

SubCategory
LOG = Log event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

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

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.

Category
Configuration

SubCategory
LOG = Log event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

LOG007

Message
The previous log entry was repeated arg times.
Arguments

- \( \text{arg1} = \text{log entry count} \)

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

SubCategory
LOG = Log event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
MEM Event Messages

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
SubCategory | MEM = Memory
Severity | Severity 1 (Critical)
Trap/EventID | FALSE
LCD Message | No LCD message display defined.
Initial Default | LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off Cycle | Reset
---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | TRUE | FALSE | FALSE | FALSE | FALSE

MEM8501

Message | Low memory warning, arg1KB, arg2KB.
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
SubCategory | MEM = Memory
Severity | Severity 2 (Warning)
Trap/EventID | FALSE
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

**SubCategory**
MEM = Memory

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**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

**SubCategory**
MEM = Memory

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
**MEM0016**

**Message**
Memory device at location(s) arg1 is operating correctly.

**Arguments**
- arg1 = location

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
MEM = Memory

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

**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

**SubCategory**
MEM = Memory

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE
### LCD Message

**Message:** Multi-bit memory error on `<location>`. Reseat memory

**Initial Default:** FALSE

### 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

**SubCategory:** MEM = Memory

**Severity:** Severity 1 (Critical)

### 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

**SubCategory:** MEM = Memory

**Severity:** Severity 1 (Critical)
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

SubCategory  
MEM = Memory

Severity  
Severity 1 (Critical)

Trap/EventID  
FALSE

LCD Message  
No LCD message display defined.

Initial Default.  
FALSE

Filter Visibility  
FALSE

IPMI Alert  
FALSE

SNMP Alert  
FALSE

Email Alert  
FALSE

LC Log  
FALSE

LCD  
FALSE

Power Off Cycle  
FALSE

Reset  
FALSE

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

SubCategory  
MEM = Memory
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

SubCategory
MEM = Memory

Severity
Severity 1 (Critical)

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
MEM0006

Message

Memory device at location arg_1 is present.

Arguments

• arg_1 = location

Detailed Description

None

Recommended Response Action

No response action is required.

Category

System Health

SubCategory

MEM = Memory

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

FALSE

MEM0022

Message

Memory device at location arg_1 is absent.

Arguments

• arg_1 = 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.
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

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
SubCategory: MEM = Memory
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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
SubCategory: MEM = Memory
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

MEM0009

Message: Memory device at location arg1 is throttled.
Arguments:
• arg1 = location

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

371
Detailed Description
System performance is degraded.

Recommended Response Action
If unexpected, review system logs for power or thermal exceptions.

Category System Health
SubCategory MEM = Memory
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

MEM0010

Message Memory device at location arg1 is over heating.
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
SubCategory MEM = Memory
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message Memory device <location> is over heating. Check fans
Initial Default. FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

MEM1200

Message Memory RAID is redundant.
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

SubCategory  
MEM = Memory

Severity  
Severity 3 (Informational)

Trap/EventID  
FALSE

LCD Message  
No LCD message display defined.

Initial Default  
FALSE

MEM1202

Message  
Memory RAID redundancy is degraded. Check memory device at location(s) `arg1`.

Arguments  
• `arg1` = location
MEM1203

Message  Memory is not redundant.
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health
SubCategory  MEM = Memory
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

MEM1204

Message  Memory mirror is redundant.
Detailed Description  None
Recommended Response Action  No response action is required.
Category: System Health
SubCategory: MEM = Memory
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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
SubCategory: MEM = Memory
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Memory mirror lost on <location>. Power cycle system
Initial Default: FALSE

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
SubCategory MEM = Memory
Severity Severity 2 (Warning)

MEM1207
Message Memory spare is redundant.
Detailed Description None
Recommended Response Action No response action is required.
Category System Health
SubCategory MEM = Memory
Severity Severity 3 (Informational)

MEM1208
Message Memory spare redundancy is lost. Check memory device at location arg1.
Arguments
- \( \text{arg1} = \text{location} \)
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

**SubCategory**

MEM = Memory

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

Memory spared lost on <location>. Power cycle system

**Initial Default.**

FALSE

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Power Off Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**

MEM = Memory

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

---

<table>
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</tr>
</tbody>
</table>

**MEM0700**

**Message**

The persistent correctable memory error rate is at normal levels for a memory device at location arg1.

**Arguments**

- arg1 = location
**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

**SubCategory**
MEM = Memory

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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

SubCategory
MEM = Memory

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Correctable memory error rate exceeded for <location>. Reseat memory.

Initial Default.
FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

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

SubCategory
MEM = Memory

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
SBE log disabled on <location>. Reseat memory

Initial Default.
FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

MEM8001

Message
Persistent correctable memory error logging enabled for a memory device at location arg1.

Arguments
- arg1 = location
MEM7000

Message
The memory riser mismatch was corrected.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
MEM = Memory

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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

SubCategory
MEM = Memory

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE
Category: System Health
SubCategory: MEM = Memory
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Memory riser mismatch detected. Check memory riser
Initial Default: FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

MEM0600

Message: Memory device was added at location arg1.
Arguments:
  - arg1 = location

Detailed Description: None
Recommended Response Action: No response action is required.

Category: System Health
SubCategory: MEM = Memory
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

MEM0601

Message: Memory device is removed from location arg1.
Arguments:
  - arg1 = location

Detailed Description: None
**MEM1210**

**Message**
Memory is redundant.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
MEM = Memory

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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>

**Category**
System Health
**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

**SubCategory**: MEM = Memory

**Severity**: Severity 2 (Warning)

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>Power Off Cycle</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**: MEM = Memory

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### MEM1001

**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
**SubCategory**: MEM = Memory
**Severity**: Severity 1 (Critical)
**Trap/EventID**: FALSE
**LCD Message**: Memory device <location> failed to transition to a running state. Reseat memory
**Initial Default**: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### 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
MEM1003

Message: Memory device at location \textit{arg1} failed to transition to in test.

Arguments:
- \textit{arg1} = location

Detailed Description: None

Recommended Response Action: Re-install the memory component. If the problem continues, contact support.

Category: System Health

SubCategory: MEM = Memory

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

MEM1004

Message: Memory device at location \textit{arg1} is powered off.

Arguments:
- \textit{arg1} = location

Detailed Description: None

Recommended Response Action: No response action is required.
Category: System Health
SubCategory: MEM = Memory
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

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
SubCategory: MEM = Memory
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
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<tr>
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</tbody>
</table>

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
SubCategory MEM = Memory
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
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</tbody>
</table>

MEM1007

Message Memory device at location.arg1. failed to transition to online.
Arguments
- \( \text{arg1} = \text{location} \)

Detailed Description None

Recommended Response Action Re-attempt memory removal process

Category System Health
SubCategory MEM = Memory
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
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</tbody>
</table>

MEM1008

Message Memory device at location.arg1. is offline.
Arguments
- \( \text{arg1} = \text{location} \)
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

SubCategory
MEM = Memory

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

MEM1010

Message
Memory device at location arg1 is off-duty.

Arguments
  • arg1 = location
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
SubCategory  MEM = Memory
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

MEM1012

Message  Memory device at location arg1 is in a degraded state.
Arguments  • arg1 = location

Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health
SubCategory  MEM = Memory
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE
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

SubCategory
MEM = Memory

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

MEM1014

Message
Memory device at location arg1 is in a power save state.

Arguments
• arg1 = location
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
SubCategory MEM = Memory
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: MEM = Memory
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Memory <location> is not installed correctly. Re-install
Initial Default: FALSE

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
SubCategory: MEM = Memory
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
## OSE Event Messages

### OSE0000

<table>
<thead>
<tr>
<th>Message</th>
<th>A critical stop occurred during OS load.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The system halted due to an exception during operating system load or operating system initialization.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Review operating system logs and system video for additional information</td>
</tr>
<tr>
<td>Category</td>
<td>System Health</td>
</tr>
<tr>
<td>SubCategory</td>
<td>OSE = OS Event</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

### OSE0001

<table>
<thead>
<tr>
<th>Message</th>
<th>A runtime critical stop occurred.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The system halted due to an exception while the operating system was running. This is a kernel panic or bug check event.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Review operating system logs and system video for additional information</td>
</tr>
<tr>
<td>Category</td>
<td>System Health</td>
</tr>
<tr>
<td>SubCategory</td>
<td>OSE = OS Event</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
### 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

**SubCategory**
OSE = OS Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

### 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

**SubCategory**
OSE = OS Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
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
SubCategory OSE = OS Event
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

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
SubCategory OSE = OS Event
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

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

SubCategory: OSE = OS Event

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<th>LCD</th>
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<th>Reset</th>
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<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory: OSE = OS Event

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

OSE1002

Message: C: boot completed.

Detailed Description: The system OS has successfully booted from C.

Recommended Response Action: No response action is required.
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.

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.
OSE1005

Message: PXE boot failed.

Recommended Response Action: Review system boot configuration, local PXE configuration, and PXE server configuration.

OSE1006

Message: Diagnostic boot completed.

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

**SubCategory**
OSE = OS Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

### 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

**SubCategory**
OSE = OS Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
OSE1009

<table>
<thead>
<tr>
<th>Message</th>
<th>Failed to boot from CD-ROM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>None</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>Review system boot configuration and boot media. Verify the media in the CD-ROM is bootable.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health</td>
</tr>
<tr>
<td>SubCategory</td>
<td>OSE = OS Event</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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<td>FALSE</td>
</tr>
</tbody>
</table>

OSE1010

<table>
<thead>
<tr>
<th>Message</th>
<th>ROM boot completed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detailed Description</td>
<td>The system has successfully booted to ROM.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>No response action is required.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health</td>
</tr>
<tr>
<td>SubCategory</td>
<td>OSE = OS Event</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

OSE1011

| Message                      | Failed to boot from ROM. |

400
OS1012

Message
Boot completed.

Detailed Description
The system has successfully booted.

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
OSE = OS Event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory
OSE = OS Event

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
**Category**  
System Health

**SubCategory**  
OSE = OS Event

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

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</tr>
</tbody>
</table>

402
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. The interrupt was user induced.

Recommended Response Action
Reset the system to continue operation.

Category
System Health

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

 PCI1302

Message
A bus time-out was detected on a component at bus arg1 devicearg2 functionarg3.

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

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)
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

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
I/O channel check error detected. Power cycle system.

Initial Default.
FALSE

PCI1306

Message
A software error was detected on a component at bus arg1device 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

SubCategory
PCI = PCI Device
Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **LC Log** | **LCD** | **Power Off** | **Power Cycle** | **Reset**
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

**PCI1308**

**Message:** A PCI parity 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

**SubCategory:** PCI = PCI Device

**Severity:** Severity 1 (Critical)

**Trap/EventID:** FALSE

**LCD Message:** PCI parity error on bus <bus> device <device> function <func>. Power cycle system.

**Initial Default:** FALSE

---

**Filter Visibility** | **IPMI Alert** | **SNMP Alert** | **Email Alert** | **LC Log** | **LCD** | **Power Off** | **Power Cycle** | **Reset**
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

**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
SubCategory PCI = PCI Device
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message PCI system error on bus <bus> device <device> function <func>. Power cycle system.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

PCI1312
Message An EISA fail-safe time-out was detected.
Detailed Description None
Recommended Response Action No response action is required.
Category System Health
SubCategory PCI = PCI Device
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

PCI1314
Message A bus correctable error was detected on a component at busarg1devicearg2functionarg3.
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

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

---

**PCI1316**

Message
A bus uncorrectable 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

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE
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
SubCategory  PCI = PCI Device
Severity  Severity 1 (Critical)
Trap/EventID  FALSE

LCD Message  Fatal error on bus <bus> device <device> function <func>. Power cycle system.

Initial Default.  FALSE

Filter Visibility  SNMP Alert  Email Alert  LC Log  LCD  Power Off  Power Cycle  Reset
FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE

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
SubCategory  PCI = PCI Device
Severity  Severity 1 (Critical)
Trap/EventID  FALSE

LCD Message  Bus fatal error on bus <bus> device <device> function <func>. Power cycle system.
PCI1342

Message A bus time-out was detected on a component at slot \textit{arg1}.

Arguments

\begin{itemize}
  \item \textit{arg1} = number
\end{itemize}

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

SubCategory PCI = PCI Device

Severity Severity 1 (Critical)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE

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

SubCategory PCI = PCI Device

Severity Severity 1 (Critical)

Trap/EventID FALSE

LCD Message An I/O channel check error detected. Power cycle system.

Initial Default. FALSE
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
SubCategory: PCI = PCI Device
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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
SubCategory: PCI = PCI Device
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: PCI parity error on slot <number>. Reseat PCI card
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

SubCategory  
PCI = PCI Device

Severity  
Severity 1 (Critical)

Trap/EventID  
FALSE

LCD Message  
PCI system error on slot <number>. Reseat PCI card

Initial Default.  
FALSE

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

SubCategory  
PCI = PCI Device

Severity  
Severity 1 (Critical)

Trap/EventID  
FALSE
**PCI1356**

**Message**
A bus uncorrectable error was detected on a component at slot arg1.

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

**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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

**PCI1358**

**Message**
A fatal error was detected on a component at slot arg1.

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

**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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 1 (Critical)
PC1360

Message
A bus fatal error was detected on a component at slot \texttt{arg1}.

Arguments
- \texttt{arg1} = \texttt{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

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Bus fatal error on slot <number>. Reseat PCI card

Initial Default.
FALSE

PCI1322

Message
Bus performance degraded for a component at bus \texttt{arg1}device \texttt{arg2}function \texttt{arg3}.

Arguments
- \texttt{arg1} = \texttt{bus}
- \texttt{arg2} = \texttt{device}
- \texttt{arg3} = \texttt{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
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.

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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Fatal IO error on bus <bus> device <device> function <func>. Contact support

**Initial Default.**
FALSE

---

### PCI2001

**Message**
The component at bus arg1 device arg2 function arg3 recovered from a fatal IO error.

**Arguments**
- \( arg1 = \text{bus} \)
- \( arg2 = \text{device} \)
- \( arg3 = \text{func} \)

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PCI = PCI Device

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

### PCI2002

**Message**
A fatal IO error detected on a component at slot arg1.

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

SubCategory
PCI = PCI Device

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Fatal IO error on slot <number>. Contact support

Initial Default.
FALSE

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<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory
PCI = PCI Device

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

PCI3000

Message
Device option ROM on embedded NIC failed to support Link Tuning or FlexAddress.
Either the BIOS, BMC/iDRAC, or LOM firmware is out of date and does not support FlexAddress.

Update BIOS, BMC/iDRAC, and LOM firmware. If problem persists please contact customer support.

System Health

PCI = PCI Device

Severity 1 (Critical)

No LCD message display defined.

FALSE

Device option ROM on embedded NIC was successfully updated.

None

No response action is required.

System Health

PCI = PCI Device

Severity 3 (Informational)

FALSE

No LCD message display defined.

FALSE

Failed to program virtual MAC address on a component at bus arg1 device arg2 function arg3.

arg1 = bus
arg2 = device
arg3 = func
Either the BIOS, BMC/iDRAC, LOM, or NIC firmware is out of date and does not support FlexAddress.

Update BIOS, BMC/iDRAC, LOM, and mezzanine card firmware. If problem persists please contact customer support.

System Health

PCI = PCI Device

Severity 1 (Critical)

FALSE

No LCD message display defined.

FALSE

PCI3003

Virtual MAC address for component at bus \textit{arg1} device \textit{arg2} function \textit{arg3} was successfully programmed.

- \textit{arg1} = bus
- \textit{arg2} = device
- \textit{arg3} = func

No response action is required.

System Health

PCI = PCI Device

Severity 3 (Informational)

FALSE

No LCD message display defined.

FALSE

FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
PCI3004

Message
Device option ROM on mezzanine card arg1 failed to support Link Tuning or FlexAddress.

Arguments
• arg1 = number

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
SubCategory PCI = PCI Device
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory PCI = PCI Device
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE
### 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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
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</tbody>
</table>

### PCI3007

**Message**
Link Tuning or FlexAddress data successfully obtained.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PCI = PCI Device

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
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</tbody>
</table>

420
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
SubCategory PCI = PCI Device
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory PCI = PCI Device
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
PCI3010

Message
A non-fatal IO error detected on a component at bus arg1device arg2function 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

SubCategory
PCI = PCI Device

Severity
Severity 2 (Warning)

Initial Default.
FALSE

PCI3011

Message
The component at bus arg1device arg2function 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
**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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

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</tbody>
</table>

**PCI3013**

**Message**
The QuickPath Interconnect (QPI) width regained.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PCI = PCI Device

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE
**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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

**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

**SubCategory**
PCI = PCI Device

**Severity**
Severity 3 (Informational)
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

SubCategory: PCI = PCI Device

Severity: Severity 1 (Critical)

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

SubCategory: PCI = PCI Device

Severity: Severity 3 (Informational)
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</table>
PDR Event Messages

PDR1

Message
arg1copyback 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
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</table>

PDR2

Message
Insufficient space available on arg1to 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
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
PDR3

Message  \( \text{arg1} \) is not functioning correctly.

Arguments

- \( \text{arg1} = \text{PD Name} \)

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
SubCategory PDR = Physical Disk
Severity Severity 1 (Critical)
Trap/EventID 4345

PDR4

Message  \( \text{arg1} \) returned to a ready state.

Arguments

- \( \text{arg1} = \text{physical disk} \)

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
**SubCategory** PDR = Physical Disk

**Severity** Severity 3 (Informational)

**Trap/EventID** 4347

**LCD Message** No LCD message display defined.

**Initial Default.** SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

**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

**SubCategory** PDR = Physical Disk

**Severity** Severity 2 (Warning)

**Trap/EventID** 4346

**LCD Message** No LCD message display defined.

**Initial Default.** SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

**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

SubCategory
PDR = Physical Disk

Severity
Severity 2 (Warning)

Trap/EventID
4346

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

PDR7

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

SubCategory
PDR = Physical Disk

Severity
Severity 2 (Warning)

Trap/EventID
4346

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

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.

Category
Storage

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

Filter
Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
TRUE
FALSE
TRUE
TRUE
TRUE
FALSE
FALSE
FALSE
FALSE

PDR11

Message
arg1rebuild was cancelled.

Arguments
• arg1 = physical disk

Detailed Description
A user has cancelled the rebuild operation.

Recommended Response Action
Restart the rebuild operation.

Category
Storage

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

Filter
Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
TRUE
FALSE
TRUE
TRUE
TRUE
FALSE
FALSE
FALSE
FALSE

PDR12

Message
arg1initialization 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

SubCategory: PDR = Physical Disk

Severity: Severity 1 (Critical)

Trap/EventID: 4345

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

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</table>

**PDR13**

Message: arg1rebuild 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

SubCategory: PDR = Physical Disk

Severity: Severity 1 (Critical)

Trap/EventID: 4345

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

**PDR14**

Message: arg1initialization is complete.

Arguments:
- arg1 = PD Name
PDR15

Message arg1rebuild 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

SubCategory PDR = Physical Disk

Severity Severity 3 (Informational)

Trap/EventID 4347

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

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</table>

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
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</table>

PDR18

Message Global hot spare unassigned from arg1.
Arguments

- \( \text{arg1} = \text{PD Name} \)

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

SubCategory: PDR = Physical Disk

Severity: Severity 3 (Informational)

Trap/EventID: 4347

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

Filter Visibility: TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE

PDR19

Message

SMART FPT exceeded for \( \text{arg1} \).

Arguments

- \( \text{arg1} = \text{PD Name} \)

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

SubCategory: PDR = Physical Disk

Severity: Severity 2 (Warning)

Trap/EventID: 4346

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log
PDR20

Message  SMART configuration change for arg1.
Arguments  

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
SubCategory  PDR = Physical Disk
Severity  Severity 1 (Critical)
Trap/EventID  4345

PDR21

Message  SMART warning for arg1
Arguments  

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.

Category  Storage
SubCategory  PDR = Physical Disk
Severity  Severity 2 (Warning)
**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

**SubCategory** PDR = Physical Disk

**Severity** Severity 2 (Warning)

**Trap/EventID** 4346

**LCD Message** No LCD message display defined.

**Initial Default** SNMP Alert;#LCD;#Remote System Log

### Filter Visibility

<table>
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</table>

### 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.

Category Storage
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

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
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</table>

PDR25

Message arg1 dead segments are removed.
Arguments

- \( \text{arg1} = \text{PD Name} \)

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

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

**PDR26**

Message
\( \text{arg1} \) is online.

Arguments

- \( \text{arg1} = \text{physical disk} \)

Detailed Description
A previously offline physical disk is now online.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

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</table>
PDR27

Message  Dedicated hot spare assigned to \textit{arg1}.

Arguments

\begin{itemize}
\item \textit{arg1} = PD Name
\end{itemize}

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

SubCategory  PDR = Physical Disk

Severity  Severity 3 (Informational)

Trap/EventID  4347

LCD Message  No LCD message display defined.

Initial Default.  SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

PDR28

Message  Dedicated hot spare unassigned from \textit{arg1}.

Arguments

\begin{itemize}
\item \textit{arg1} = PD Name
\end{itemize}

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

SubCategory  PDR = Physical Disk

Severity  Severity 3 (Informational)

Trap/EventID  4347
**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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert; LCD; Remote System Log

<table>
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</table>

**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

**SubCategory**
PDR = Physical Disk
Severity: Severity 2 (Warning)
Trap/EventID: 4346
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

**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
**SubCategory**: PDR = Physical Disk
**Severity**: Severity 3 (Informational)
**Trap/EventID**: 4347
**LCD Message**: No LCD message display defined.
**Initial Default**: SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

**PDR32**

**Message**: 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.
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.

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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</table>

PDR35

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
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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PDR36

Message The only hot spare available is a SAS disk arg1.

Arguments
- arg1 = PD Name
Detailed Description

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.

Recommended Response Action

Add a SATA disk that is large enough to be used as the hot spare and assign the new disk as a hot spare.

Category

Storage

SubCategory

PDR = Physical Disk

Severity

Severity 2 (Warning)

Trap/EventID

4346

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

LC Log

LCD

Power Off

Power Cycle

Reset

TRUE

FALSE

TRUE

TRUE

TRUE

FALSE

FALSE

FALSE

PDR37

Message

The arg1s not supported.

Arguments

• arg1 = physical device

Detailed Description

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

SubCategory

PDR = Physical Disk

Severity

Severity 2 (Warning)

Trap/EventID

4346

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

LC Log

LCD

Power Off

Power Cycle

Reset

TRUE

FALSE

TRUE

TRUE

TRUE

FALSE

FALSE

FALSE

PDR38

Message

A clear operation started on arg1.
Arguments

- \( \text{arg1} = \text{physical disk} \)

Detailed Description

A user has initiated a clear operation on a physical disk.

Recommended Response Action

No response action is required.

Category

Storage

SubCategory

PDR = Physical Disk

Severity

Severity 3 (Informational)

Trap/EventID

4347

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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</table>

PDR39

Message

A blink operation has initiated on \( \text{arg1} \).

Arguments

- \( \text{arg1} = \text{physical disk} \)

Detailed Description

This alert is provided for informational purposes.

Recommended Response Action

No response action is required.

Category

Storage

SubCategory

PDR = Physical Disk

Severity

Severity 3 (Informational)

Trap/EventID

4347

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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</table>
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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log
Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**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

**SubCategory**

PDR = Physical Disk

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

**LCD Message**

No LCD message display defined.

**Initial Default.**

SNMP Alert;#LCD;#Remote System Log

---

**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

**SubCategory**

PDR = Physical Disk

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4347

**LCD Message**

No LCD message display defined.
PDR44

Message  The clear operation on \texttt{arg1} failed.

Arguments  
\begin{itemize}
  \item \texttt{arg1} = physical disk
\end{itemize}

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

SubCategory  PDR = Physical Disk

Severity  Severity 1 (Critical)

Trap/EventID  4345

LCD Message  No LCD message display defined.

Initial Default.  SNMP Alert;#LCD;#Remote System Log

PDR46

Message  Patrol Read found an uncorrectable media error on \texttt{arg1}.

Arguments  
\begin{itemize}
  \item \texttt{arg1} = physical disk
\end{itemize}

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

SubCategory  PDR = Physical Disk

Severity  Severity 1 (Critical)
**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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

---

**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
SubCategory: PDR = Physical Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4347
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tbody>
<tr>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: PDR = Physical Disk
Severity: Severity 2 (Warning)
Trap/EventID: 4346
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**PDR51**

**Message**
Hot spare arg1 SMART polling has failed. arg2

**Arguments**
- arg1 = physical disk
- arg2 = arg2

**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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4345

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

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</table>

**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

SubCategory

PDR = Physical Disk

Severity

Severity 2 (Warning)

Trap/EventID

4346

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

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

SubCategory

PDR = Physical Disk

Severity

Severity 3 (Informational)

Trap/EventID

4347

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

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

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

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

SubCategory
PDR = Physical Disk

Severity
Severity 2 (Warning)

Trap/EventID
4346

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

PDR56

Message
Bad block table on arg1 is 80% full.

Arguments
• arg1 = physical disk
### 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. The bad block table is now 80 percent full.

### Recommended Response Action

Replace the disk generating this message.

### Category

Storage

### SubCategory

PDR = Physical Disk

### Severity

Severity 2 (Warning)

### Trap/EventID

4346

### LCD Message

No LCD message display defined.

### Initial Default

SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

**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

**SubCategory**

PDR = Physical Disk

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4345

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>
**PDR58**

**Message**  
arg1s incompatible.

**Arguments**

- arg1 = 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

**SubCategory**  
PDR = Physical Disk

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4346

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

**PDR59**

**Message**  
A bad disk block was reassigned on arg1.

**Arguments**

- *arg1* = 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

**SubCategory**  
PDR = Physical Disk

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;#LCD;#Remote System Log
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

**SubCategory**  
PDR = Physical Disk

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
4346

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
SNMP Alert;#LCD;#Remote System Log

---

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

**SubCategory**  
PDR = Physical Disk

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
4345
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
SubCategory PDR = Physical Disk
Severity Severity 1 (Critical)
Trap/EventID 4345

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
SubCategory PDR = Physical Disk
Severity: Severity 1 (Critical)

Trap/EventID: 4345

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

---

**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

**SubCategory:** PDR = Physical Disk

**Severity:** Severity 1 (Critical)

**Trap/EventID:** 4345

**LCD Message:** No LCD message display defined.

**Initial Default:** SNMP Alert;#LCD;#Remote System Log

---

**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

---

460
**PDR66**

**Message**  
argin 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

**SubCategory**  
PDR = Physical Disk

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
4347

**LCD Message**  
No LCD message display defined.

**Initial Default**  
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**PDR67**

**Message**  
A non-Dell disk drive has been detected.

**Detailed Description**  
The physical disk does not comply with the standards set by Dell and is not supported.

**Recommended Response Action**  
Replace the physical disk with a supported physical disk.

**Category**  
Storage

**SubCategory**  
PDR = Physical Disk
PDR68

Message
Dedicated spare \textit{arg1} imported as global due to missing disk groups.

Arguments
• \textit{arg1} = PD Name

Detailed Description
This alert is provided for informational purposes

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

PDR69

Message
Rebuild not possible on \textit{arg1}.

Arguments
• \textit{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
**SubCategory**: PDR = Physical Disk  
**Severity**: Severity 2 (Warning)  
**Trap/EventID**: 4346  
**LCD Message**: No LCD message display defined.  
**Initial Default**: SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

### 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  
**SubCategory**: PDR = Physical Disk  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: 4347  
**LCD Message**: No LCD message display defined.  
**Initial Default**: SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

### 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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID 4347
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

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

SubCategory: PDR = Physical Disk

Severity: Severity 1 (Critical)

Trap/EventID: 4345

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

---

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

SubCategory: PDR = Physical Disk

Severity: Severity 3 (Informational)

Trap/EventID: 4347

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

---

PDR75

Message: Copyback stopped for hot spare arg1.

Arguments:
- arg1 = physical disk
**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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 2 (Warning)

**Trap/EventID**
4346

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

**PDR77**

**Message**
arg1 state changed from READY to Non-RAID.

**Arguments**
- arg1 = physical disk
PDR78

Message
arg1 state changed from Non-RAID to READY.

Arguments
• arg1 = physical disk

PDR79

Message
A user terminated Copyback from arg1 to arg2.

Arguments
• arg1 = 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

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

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

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

PDR82

Message
arg1/security was activated.
Arguments

- \( \text{arg1} = \text{physical disk} \)

Detailed Description
Security on a secure encrypted disk was activated.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

PDR83

Message
\( \text{arg1} \) is reprovisioned.

Arguments

- \( \text{arg1} = \text{PD Name} \)

Detailed Description
This alert is provided for informational purposes.

Recommended Response Action
No response action is required.

Category
Storage

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>
PDR84

Message  
arg1Security key has changed.

Arguments  
• arg1 = physical disk

Detailed Description  
The Security key on a secure encrypted disk was activated.

Recommended Response Action  
No response action is required.

Category              Storage
SubCategory            PDR = Physical Disk
Severity               Severity 3 (Informational)
Trap/EventID           4347
LCD Message            No LCD message display defined.
Initial Default.       SNMP Alert;#LCD;#Remote System Log

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</tr>
</tbody>
</table>

PDR85

Message  
Security subsystem errors detected for arg1.

Arguments  
• arg1 = physical disk

Detailed Description  
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.

Recommended Response Action  
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.

Category              Storage
SubCategory            PDR = Physical Disk
Severity               Severity 1 (Critical)
Trap/EventID           4345
LCD Message            No LCD message display defined.
Initial Default.       SNMP Alert;#LCD;#Remote System Log
PDR86

Message  
Bad block table on arg1 is full.

Arguments  
• 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

SubCategory  
PDR = Physical Disk

Severity  
Severity 2 (Warning)

Trap/EventID  
4346

LCD Message  
No LCD message display defined.

Initial Default  
SNMP Alert; #LCD; #Remote System Log

PDR87

Message  
arg1 was reset.

Arguments  
• 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

SubCategory  
PDR = Physical Disk

Severity  
Severity 3 (Informational)

Trap/EventID  
4347

LCD Message  
No LCD message display defined.
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
SubCategory PDR = Physical Disk
Severity Severity 1 (Critical)
Trap/EventID 4345

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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
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

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
4347

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert; #LCD; #Remote System Log

Filter Visibility
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</table>

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
SubCategory: PDR = Physical Disk
Severity: Severity 2 (Warning)
Trap/EventID: 4346
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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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
SubCategory: PDR = Physical Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4347
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

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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
SubCategory: PDR = Physical Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4347
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

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</table>

PDR98

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
SubCategory: PDR = Physical Disk
Severity: Severity 2 (Warning)
Trap/EventID: 4346
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
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</table>

PDR100

Message: Dedicated Hot Spare arg1 no longer useful for all arrays.
Arguments:
- 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.

Category Storage
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tbody>
</table>

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
SubCategory PDR = Physical Disk
Severity Severity 2 (Warning)
Trap/EventID 4346
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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</tr>
</tbody>
</table>

PDR9000

Message Foreign Configuration was detected on arg1.
Arguments
• arg1 = physical disk
**PDR1100**

**Message**
Drive.arg1s installed.

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

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

**Filter Visibility**
- TRUE
- FALSE

**IPMI Alert**
- FALSE

**SNMP Alert**
- FALSE

**Email Alert**
- FALSE

**LC Log**
- FALSE

**LCD**
- TRUE

**Power Off**
- FALSE

**Power Cycle**
- FALSE

**Reset**
- FALSE

**PDR1116**

**Message**
Drive.arg1s removed.

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

SubCategory
PDR = Physical Disk

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Drive <number> is removed. Check drive.

Initial Default.
FALSE

---

<table>
<thead>
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</tbody>
</table>

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

SubCategory
PDR = Physical Disk

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Fault detected on drive <number>. Check drive.

Initial Default.
FALSE

---

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</tbody>
</table>

PDR1102

Message
A predictive failure detected on drive arg1.
Arguments

- \( \text{arg1} = \text{number} \)

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

SubCategory
PDR = Physical Disk

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
<th>LC Log</th>
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PDR1117

Message
Drive \( \text{arg1} \) is operating normally.

Arguments

- \( \text{arg1} = \text{number} \)

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
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</table>
PDR1103

Message  
Drive arg1 is the hot-spare drive.

Arguments

- arg1 = number

Detailed Description  
None

Recommended Response Action  
No response action is required.

Category  
System Health

SubCategory  
PDR = Physical Disk

Severity  
Severity 2 (Warning)

Trap/EventID  
FALSE

LCD Message  
No LCD message display defined.

Initial Default.  
FALSE

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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

SubCategory  
PDR = Physical Disk

Severity  
Severity 3 (Informational)

Trap/EventID  
FALSE

LCD Message  
No LCD message display defined.

Initial Default.  
FALSE
### PDR1104

**Message**
Consistency check is in progress for drive arg1.

**Arguments**
- `arg1` = number

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

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</table>

### 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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
PDR1105

Message
Drive arg1s in the critical array.

Arguments
• arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PDR = Physical Disk

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Drive <number> is in the critical array. Replace drive.

Initial Default.
FALSE

PDR1121

Message
Drive arg1s no longer in the critical array.

Arguments
• arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PDR = Physical Disk

Severity
Severity 3 (Informational)

Trap/EventID
FALSE
LCD Message  
No LCD message display defined.

Initial Default.  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tbody>
</table>

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

SubCategory  
PDR = Physical Disk

Severity  
Severity 1 (Critical)

Trap/EventID  
FALSE

LCD Message  
Drive <number> is in the failed array. Replace drive.

Initial Default.  
FALSE

<table>
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<th>Email Alert</th>
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</tbody>
</table>

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

SubCategory  
PDR = Physical Disk

Severity  
Severity 3 (Informational)
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
SubCategory  PDR = Physical Disk
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

PDR1123

Message  Rebuild completed for drive arg1.
Arguments  •  arg1 = number
Detailed Description  None
Recommended Response Action  No response action is required.
Category  System Health
SubCategory  PDR = Physical Disk
Severity 3 (Informational)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE

<table>
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</tbody>
</table>

**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

SubCategory PDR = Physical Disk

Severity 2 (Warning)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE

<table>
<thead>
<tr>
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<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**PDR1000**

Message Drive `arg1`Fs installed in disk drive bay `arg2`.

Arguments

- `arg1` = number
- `arg2` = bay

Detailed Description None

Recommended Response Action No response action is required.
**Category**: System Health  
**SubCategory**: PDR = Physical Disk  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: FALSE  
**LCD Message**: No LCD message display defined.  
**Initial Default**: FALSE

<table>
<thead>
<tr>
<th>Filter</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**PDR1001**

**Message**: Fault detected on drive \textit{arg1} in disk drive bay \textit{arg2}.

**Arguments**
- \textit{arg1} = \textit{number}
- \textit{arg2} = \textit{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  
**SubCategory**: PDR = Physical Disk  
**Severity**: Severity 1 (Critical)  
**Trap/EventID**: FALSE  
**LCD Message**: Fault detected on drive \textit{<number>} in disk drive bay \textit{<bay>}. Check drive.  
**Initial Default**: FALSE

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</tbody>
</table>

**PDR1016**

**Message**: Drive \textit{arg1} is removed from disk drive bay \textit{arg2}.

**Arguments**
- \textit{arg1} = \textit{number}
- \textit{arg2} = \textit{bay}
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
SubCategory PDR = Physical Disk
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message Drive <number> removed from disk drive bay <bay>. Check drive.
Initial Default. FALSE

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
SubCategory PDR = Physical Disk
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

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

SubCategory
PDR = Physical Disk

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

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

SubCategory
PDR = Physical Disk

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

488
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
SubCategory  PDR = Physical Disk
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default  FALSE

<table>
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</tr>
</tbody>
</table>

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
SubCategory  PDR = Physical Disk
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default  FALSE
### 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

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

### PDR1005

**Message**
Drive `arg1` in disk drive bay `arg2` is in the critical array.

**Arguments**
- `arg1` = number
- `arg2` = bay

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PDR = Physical Disk

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE
LCD Message: Drive <number> in disk drive bay <bay> is in the critical array. Replace drive.

Initial Default: FALSE

Filter
Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

PDR1021

Message: Drive <arg1> in disk drive bay <arg2> is no longer in the critical array.

Arguments:
- <arg1> = number
- <arg2> = bay

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: PDR = Physical Disk
Severity: Severity 3 (Informational)
Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

Filter
Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

PDR1006

Message: Drive <arg1> in disk drive bay <arg2> is in the failed array.

Arguments:
- <arg1> = number
- <arg2> = bay

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: PDR = Physical Disk
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Drive <number> in disk drive bay <bay> is in the failed array. Replace drive.
Initial Default: FALSE

<table>
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</tr>
</tbody>
</table>

**PDR1022**

**Message**: Drive \( arg1 \) in disk drive bay \( arg2 \) is no longer in the failed array.

**Arguments**
- \( arg1 = \) number
- \( arg2 = \) bay

**Detailed Description**: None

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

**Category**: System Health
**SubCategory**: PDR = Physical Disk
**Severity**: Severity 3 (Informational)
**Trap/EventID**: FALSE
**LCD Message**: No LCD message display defined.
**Initial Default**: FALSE

<table>
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<th>Email Alert</th>
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</tbody>
</table>

**PDR1007**

**Message**: Rebuild 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
SubCategory: PDR = Physical Disk
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
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</tbody>
</table>

**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
SubCategory: PDR = Physical Disk
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
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</tbody>
</table>

**PDR1008**

Message: Rebuild was aborted for drive arg1 in disk drive bay arg2.

Arguments:
- arg1 = number
- arg2 = bay
<table>
<thead>
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</table>

**PDR1024**

**Message**

Drive mismatch detected for drive \textit{arg1} in disk drive bay \textit{arg2}.

**Arguments**

- \textit{arg1} = number
- \textit{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.

**PDR1025**

**Message**

Drive mismatch corrected for drive \textit{arg1} in disk drive bay \textit{arg2}.
Arguments

- \( \text{arg1} = \text{number} \)
- \( \text{arg2} = \text{bay} \)

Detailed Description

None

Recommended Response Action

No response action is required.

Category

System Health

SubCategory

PDR = Physical Disk

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default

FALSE

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</table>
PST Event Messages

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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No memory is detected. Inspect memory devices

**Initial Default**
FALSE

---

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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Memory is detected, but is not configurable. Check memory devices

**Initial Default**
FALSE
<table>
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</tbody>
</table>

**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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Memory is configured, but not usable. Check memory devices

**Initial Default**
FALSE

<table>
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</table>

**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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
System BIOS shadow failed. Check memory devices

**Initial Default**
FALSE
**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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Initial Default**
FALSE

---

**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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Initial Default**
FALSE
### 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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Interrupt controller failed. Power cycle system

**Initial Default.**
FALSE

---

### 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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Timer refresh failed. Power cycle system

**Initial Default.**
FALSE
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

SubCategory
PST = BIOS POST

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Programmable interval timer error. Power cycle system

Initial Default.

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

SubCategory
PST = BIOS POST

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Parity error. Power cycle system

Initial Default.

PST0138

Message: SuperI0 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

SubCategory: PST = BIOS POST

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: SuperI0 failure. Power cycle system

Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

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

SubCategory: PST = BIOS POST

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: Keyboard controller failed. Power cycle system

Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

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
SubCategory: PST = BIOS POST
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: SMI initialization failed. Power cycle system
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: PST = BIOS POST
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: QuickPath Interconnect (QPI) fatal error. Contact support
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory: PST = BIOS POST

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: Memory initialization error. Contact support

Initial Default: FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory: PST = BIOS POST

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: Intel Trusted Execution Technology (TXT) fatal error. Contact support

Initial Default: FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: PST = BIOS POST
Severity: Severity 1 (Critical)
EventID: FALSE
LCD Message: Shut-down test failed. Power cycle system
Initial Default: FALSE

### 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
**SubCategory**: PST = BIOS POST
**Severity**: Severity 1 (Critical)
**EventID**: FALSE
**LCD Message**: BIOS POST memory test failed. Check memory devices
**Initial Default**: FALSE

### 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
**SubCategory**: PST = BIOS POST
**Severity**: Severity 1 (Critical)
**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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU configuration failed. Check screen message

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>LCD</th>
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</table>

**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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Incorrect memory configuration. Review User Guide

**Initial Default.**
FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>
### 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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
General failure after video. Check screen message

**Initial Default.**
FALSE

<table>
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<tr>
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<th>Email Alert</th>
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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

**SubCategory**
PST = BIOS POST

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
POST fatal error detected. Contact support

**Initial Default.**
FALSE

<table>
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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>
PSU Event Messages

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

SubCategory: PSU = Power Supply

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

---

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

SubCategory: PSU = Power Supply
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
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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
SubCategory PSU = Power Supply
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
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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
SubCategory PSU = Power Supply
Severity Severity 3 (Informational)
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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**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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>

**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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE
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</table>

**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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

LC Log

<table>
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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>

**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

**SubCategory**

PSU = Power Supply
PSU8510

Message

PSU in slot arg1FW 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

SubCategory

PSU = Power Supply

Severity

Severity 3 (Informational)

Trap/EventID

FALSE

LCD Message

No LCD message display defined.

Initial Default.

LC Log

Filter Visibility

FALSE

IPMI Alert

FALSE

SNMP Alert

FALSE

Email Alert

TRUE

LC Log

FALSE

LCD

FALSE

Power Off

FALSE

Power Cycle

FALSE

Reset

FALSE

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
SubCategory PSU = Power Supply
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
<thead>
<tr>
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</table>

**PSU8512**

**Message** Unable to update the firmware for the PSU in slot arg1. Error=0xarg2(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
SubCategory PSU = Power Supply
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
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<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>

**PSU8513**

**Message** Unable to complete the PSU slot arg1 firmware update. Error=0xarg2

**Arguments**
- arg1 = number
- arg2 = error number

514
Unable to update the PSU firmware due to PMBus communication errors.

Retry the firmware update operation. If the problem persists, contact your service provider.

Audit
PSU = Power Supply
Severity 2 (Warning)
FALSE
No LCD message display defined.
LC Log

Unable to set the Enable Dynamic Power Supply Engagement attribute.

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.

Audit
PSU = Power Supply
Severity 2 (Warning)
FALSE
No LCD message display defined.
LC Log

Unable to set redundancy policy because PSU enumeration is in progress.
Unable to set redundancy policy because PSU enumeration is in progress. The policy can be set after PSU enumeration is complete.

Retry the operation after the PSU enumeration is complete.

PSU redundancy policy changed.

The operation to change the PSU redundancy policy is complete.

No response action is required.

Unable to access the PSUarg1FRU data.

- 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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

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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

SubCategory
PSU = Power Supply

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Power Cycle</th>
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</tbody>
</table>

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
SubCategory PSU = Power Supply
Severity Severity 3 (Informational)

Trap/EventID FALSE

LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</table>

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
SubCategory PSU = Power Supply
Severity Severity 2 (Warning)

Trap/EventID 4234

LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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<th>Filter Visibility</th>
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</tr>
</tbody>
</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

SubCategory
PSU = Power Supply

Severity
Severity 2 (Warning)

Trap/EventID
4234

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;/LCD;/Remote System Log

---

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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
4233

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;/LCD;/Remote System Log

---

PSU1002

Message
arg1 was removed

Arguments
  • arg1 = PSU Sensor Name
The enclosure detected that a power supply unit was removed and is no longer functioning in optimal condition.

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
SubCategory: PSU = Power Supply
Severity: Severity 1 (Critical)
Trap/EventID: 4233
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

---

Power supply cable has been inserted into arg1.

arg1 = PSU Sensor Name

The enclosure detected that AC power supply was restored to the power supply unit.

No response action is required.

Category: Storage
SubCategory: PSU = Power Supply
Severity: Severity 3 (Informational)
Trap/EventID: 4235
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

---

arg1 has failed.

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
SubCategory PSU = Power Supply
Severity Severity 1 (Critical)
Trap/EventID 4233
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE TRUE

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
SubCategory PSU = Power Supply
Severity Severity 1 (Critical)
Trap/EventID 4233
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE TRUE

PSU0000

Message Power supply arg1 is present.
Arguments

• arg1 = number
Detailed Description

None

Recommended Response Action

No response action is required.

Category

System Health

SubCategory

PSU = Power Supply

Severity

Severity 3 (Informational)

Trap/EventID

2187

LCD Message

No LCD message display defined.

Initial Default

LC Log

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</tr>
</tbody>
</table>

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

SubCategory

PSU = Power Supply

Severity

Severity 1 (Critical)

Trap/EventID

2185

LCD Message

PSU <number> failed. Check PSU

Initial Default

LC Log

<table>
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</tbody>
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PSU0017

Message

Power supply arg1 is operating normally.

Arguments

• arg1 = number
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

SubCategory
PSU = Power Supply

Severity
Severity 2 (Warning)

Trap/EventID
2186

LCD Message
Predictive failure on PSU <number>. Check PSU

Initial Default.
LC Log

PSU0003

Message
The power input for power supply arg1 is lost.
Arguments
• \( arg1 = \text{number} \)

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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Power input for PSU <number> is lost. Check PSU cables

Initial Default.
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

PSU0019

Message
The input power for power supply \( arg1 \) has been restored.

Arguments
• \( arg1 = \text{number} \)

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PSU = Power Supply

Severity
Severity 3 (Informational)

Trap/EventID
2187

LCD Message
No LCD message display defined.

Initial Default.
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

524
**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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2185

**LCD Message**

Power input for PSU <number> is outside of range. Check PSU cables

**Initial Default.**

LC Log

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</tbody>
</table>

**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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 2 (Warning)

**Trap/EventID**

2186

**LCD Message**

No LCD message display defined.

**Initial Default.**

LC Log
**PSU0006**

**Message**
Power supply \texttt{arg1} is incorrectly configured.

**Arguments**
- \texttt{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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Power supply \texttt{<number>} is incorrectly configured. Check PSU.

**Initial Default**
LC Log

---

**PSU0022**

**Message**
Power supply \texttt{arg1} is correctly configured.

**Arguments**
- \texttt{arg1} = number

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PSU = Power Supply

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2187

**LCD Message**
No LCD message display defined.
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<th>IPMI Alert</th>
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</tbody>
</table>

**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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

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</tr>
</tbody>
</table>

**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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 3 (Informational)
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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2185

**LCD Message**

Cannot communicate with PSU <number>. Reseat PSU.

**Initial Default**

LC Log

<table>
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</tbody>
</table>

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

**SubCategory**

PSU = Power Supply
Severity Severity 3 (Informational)
Trap/EventID 2187
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
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</tbody>
</table>

**PSU0033**

**Message** The temperature for power supply arg1 is outside of range.

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

**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
**SubCategory** PSU = Power Supply
**Severity** Severity 1 (Critical)
**Trap/EventID** 2185
**LCD Message** PSU <number> temperature outside of range. Check PSU
**Initial Default.** LC Log

<table>
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</tbody>
</table>

**PSU0034**

**Message** An under voltage fault detected on power supply arg1.

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

**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
SubCategory: PSU = Power Supply
Severity: Severity 1 (Critical)
Trap/EventID: 2185

LCD Message: An under voltage fault detected on PSU <number>. Check power source.
Initial Default: LC Log

<table>
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</tbody>
</table>

**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
SubCategory: PSU = Power Supply
Severity: Severity 1 (Critical)
Trap/EventID: 2185

LCD Message: Over voltage fault on PSU <number>. Check PSU
Initial Default: LC Log

<table>
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</table>

**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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
An over current fault detected on PSU <number>. Check PSU.

Initial Default.
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
Fan failure detected on PSU <number>. Check PSU.

Initial Default.
LC Log

<table>
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</table>

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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
2185

LCD Message
PSU wattage mismatch; PSU <number> = <value> watts

Initial Default.
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

**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

SubCategory
PSU = Power Supply

Severity
Severity 3 (Informational)

Trap/EventID
2187

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**PSU0900**

Message
Power unit arg1 is off.

Arguments
• arg1 = number
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PSU = Power Supply

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
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<tr>
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</tr>
</tbody>
</table>

PSU0901

Message
Power unit arg1 is on.

Arguments
- arg1 = number

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PSU = Power Supply

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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</tbody>
</table>

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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

FALSE

---

**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

**SubCategory**

PSU = Power Supply

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

FALSE

---

**PSU0906**

**Message**

An interlock power down error detected on power unit arg1.

**Arguments**

- arg1 = number

---

534
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
SubCategory PSU = Power Supply
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory PSU = Power Supply
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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</tbody>
</table>

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

SubCategory
PSU = Power Supply

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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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

SubCategory
PSU = Power Supply

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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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

SubCategory
PSU = Power Supply

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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PSU0912

Message
A failure detected on power unitarg1.

Arguments
• 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
SubCategory: PSU = Power Supply
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
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**PSU0913**

Message: Power unit arg1 operates normally.
Arguments: • arg1 = number

Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PSU = Power Supply
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
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**PSU0914**

Message: A predictive failure detected on power unit arg1.
Arguments

- \( \text{arg1} = \text{number} \)

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

SubCategory
PSU = Power Supply

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

---

**PSU0032**

Message
The temperature for power supply \( \text{arg1} \) is in a warning range.

Arguments

- \( \text{arg1} = \text{number} \)

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

SubCategory
PSU = Power Supply

Severity
Severity 2 (Warning)

Trap/EventID
2186

LCD Message
No LCD message display defined.

Initial Default.
LC Log

---

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
TRUE

LCD
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

---

539
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
SubCategory PSU = Power Supply
Severity Severity 1 (Critical)
Trap/EventID 2185
LCD Message No LCD message display defined.
Initial Default. LC Log

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
SubCategory PSU = Power Supply
Severity Severity 1 (Critical)
Trap/EventID 2185
LCD Message No LCD message display defined.
Initial Default. LC Log
### 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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

### 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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2187

**LCD Message**
No LCD message display defined.
**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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Under current fault detected on PSU <number>. Check PSU.

**Initial Default.**
LC Log

---

**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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 1 (Critical)
**PSU0041**

**Message**
An output over voltage 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

**SubCategory**
PSU = Power Supply

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2185

**LCD Message**
Output over voltage fault on PSU <number>. Check PSU

**Initial Default**
LC Log

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</tbody>
</table>

**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
SubCategory: PSU = Power Supply
Severity: Severity 1 (Critical)
Trap/EventID: 2185
LCD Message: Output over current fault detected on PSU <number>. Check PSU.
Initial Default: LC Log

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</tr>
</tbody>
</table>

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
SubCategory: PSU = Power Supply
Severity: Severity 1 (Critical)
Trap/EventID: 2185
LCD Message: Output under current fault detected on PSU <number>. Check PSU.
Initial Default: LC Log

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PSU0044

Message: Cannot obtain status information from power supply arg1.
Arguments:

- arg1 = number

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
SubCategory PSU = Power Supply
Severity Severity 2 (Warning)
Trap/EventID 2186
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
Visibility TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

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
SubCategory PSU = Power Supply
Severity Severity 3 (Informational)
Trap/EventID 2187
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
Visibility TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE
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
SubCategory: PSUA = PSU Absent
Severity: Severity 1 (Critical)
Trap/EventID: 2465

LCD Message: PSU <number> is absent. Check PSU

Initial Default: LC Log

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PWR Event Messages

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.

Recommended Response Action No response action is required.

Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

PWR8501

Message Sussessfully set Virtual Infrastructure Device power to arg1WDC
Arguments
• arg1 = power reading

Detailed Description Power allocation succeeded for Virtual infrastructure.

Recommended Response Action No response action is required.

Category Audit
SubCategory PWR = Power Usage
PWR8503

Message: The current value of System Input Power Cap (arg1AC) is less than the upper limit (arg2AC).

Arguments:
- \( arg1 = \) power value
- \( arg2 = \) 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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

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
**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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

### Filter Visibility

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</tbody>
</table>

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**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

---

### Filter Visibility

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</tr>
</tbody>
</table>
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**PWR8507**

Message: System Input Power Cap changed from \textit{arg1W AC} to \textit{arg2W AC}.
Arguments:
- \textit{arg1} = previous power value
- \textit{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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Alert</th>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**PWR8508**

Message: New power budget (\textit{arg1W AC}) may permit future degradation of redundancy.
Arguments:
- \textit{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
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

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.

Category: Audit
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

PWR8510

Message: Unable to set chassis power property \textit{arg1}.

Arguments:

- \textit{arg1} = property name
### PWR8511

**Message**
Unable to set the CHASSIS_POWER_button_disable chassis power property.

**Detailed Description**
Unable to set the CHASSIS_POWER_button_disable chassis power property.

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

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### PWR8512

**Message**
CMC rebooted, because the power configuration data could not be accessed.

**Detailed Description**
Power configuration data in memory cannot be accessed due to synchronization issues.

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

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>
**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.

**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.
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log
PWR8518

Message
Unable to perform the chassis power action because the chassis is already turned on.

Detailed Description
Unable to perform the chassis power action because the chassis is already turned on.

Recommended Response Action
No response action is required.

Category
Audit

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

PWR8519

Message
Unable to perform the chassis power action because the chassis is already turned off.

Detailed Description
Unable to perform the chassis power action because the chassis is already turned off.

Recommended Response Action
No response action is required.

Category
Audit

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log
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
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
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<td>FALSE</td>
<td>TRUE</td>
</tr>
</tbody>
</table>

PWR8521
Message Completed chassis reset operation.
Detailed Description The chassis reset operation was completed.
Recommended Response Action No response action is required.
Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
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<td>TRUE</td>
</tr>
</tbody>
</table>

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

SubCategory: PWR = Power Usage

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

<table>
<thead>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory: PWR = Power Usage

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

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.
**PWR8525**

**Message**
110VAC Operation acknowledged.

**Detailed Description**
110VAC operation of PSUs is acknowledged.

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

**Category**
Audit

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**PWR8526**

**Message**
110VAC Operation unacknowledged.

**Detailed Description**
110VAC operation of PSUs is unacknowledged.

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

**Category**
Audit

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)
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

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

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

SubCategory
PWR = Power Usage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE
PWR8529

Message  Max Power Conservation Mode is enabled.
Detailed Description The Max Power Conservation Mode is enabled.
Recommended Response Action No response action is required.
Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

PWR8530

Message  Max Power Conservation Mode is disabled.
Detailed Description Max Power Conservation Mode is disabled.
Recommended Response Action No response action is required.
Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log
### 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>
PWR8533

**Message**
Power cap changed from `arg1W AC` to `arg2W 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>TRUE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
### 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### PWR8537

**Message**
Server Performance Over Power Redundancy is disabled.
Server Performance Over Power Redundancy is disabled.

No response action is required.

Audit

PWR = Power Usage

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

Power Remote Logging is enabled.

Power Remote Logging is enabled.

No response action is required.

Audit

PWR = Power Usage

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

Power Remote Logging is disabled.

Power Remote Logging is disabled.

No response action is required.

Audit

PWR = Power Usage

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

566
Power Remote Logging Interval set to arg1

- arg1 = interval

The interval for remote logging of power information is set to the value identified in the message.

No response action is required.
**PWR8542**

**Message**  
Chassis powerup operation completed.

**Detailed Description**  
Chassis powerup operation completed.

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

**Category**  
Audit

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**PWR8543**

**Message**  
Server arg1power inventory is not valid. Power inventory reading is Max Power=arg2AC Watt, Min Power=arg3AC Watt, Allocated Power=arg4AC Watt

**Arguments**

- arg1 = 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

SubCategory PWR = Power Usage

Severity Severity 1 (Critical)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Power Cycle</th>
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<td>FALSE</td>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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

SubCategory PWR = Power Usage

Severity Severity 3 (Informational)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Power Cycle</th>
<th>Reset</th>
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<tr>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

PWR8547

Message Chassis is already powered off.
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**PWR8548**

**Message**  
Chassis shutdown operation initiated.

**Detailed Description**  
Chassis shutdown operation initiated.

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

**Category**  
Audit

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
LC Log

**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
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Power Cycle</th>
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<td>FALSE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**PWR8550**

Message: Chassis shutdown completed.
Detailed Description: Chassis shutdown completed.
Recommended Response Action: No response action is required.
Category: Audit
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>FALSE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: 8418
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;&EMAIL Alert;&LC Log;&Remote System Log

**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

Category: Audit
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: 8418
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;&EMAIL Alert;&LC Log;&Remote System Log
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
SubCategory: PWR = Power Usage
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | TRUE | FALSE | FALSE | FALSE | FALSE | FALSE

PWR8555

Message: Chassis Management Controller unable to turn on arg1 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
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: 8418
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert; EMAIL Alert; LC Log; Remote System Log
PWR8556

Message
Server arg1 was shutdown due to insufficient power.

Arguments
- \( arg1 \) = slot number

Detailed Description
The Server identified in the messate was shutdown due to insufficient power.

Recommended Response Action
No response action is required.

Category
Audit

SubCategory
PWR = Power Usage

Severity
Severity 1 (Critical)

Trap/EventID
8417

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert; EMAIL Alert; LC Log; Remote System Log

PWR8559

Message
Power cycle initiated for I/O Module arg1.

Arguments
- \( arg1 \) = iOM 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

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.
**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

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
8417

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
LC Log

**Filter Visibility**  
FALSE  FALSE  FALSE  FALSE  TRUE  FALSE  FALSE  FALSE  FALSE

**PWR8561**

**Message**  
Unable to power on server arg1 because of iDRAC communication issue.

**Arguments**  
- arg1 = server number

**Detailed Description**  
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.

**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.

**Category**  
Audit

**SubCategory**  
PWR = Power Usage
Severity 1 (Critical)
Trap/EventID 8417
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>Reset</th>
</tr>
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<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

PWR8562

Message Unable to power on the server \textit{arg1} before power on timer expired.
Arguments
\begin{itemize}
  \item \texttt{arg1} = server number
\end{itemize}

Detailed Description 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.

Recommended Response Action 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 reinser the server, wait for the iDRAC to complete startup, and retry the operation.

Category Audit
SubCategory PWR = Power Usage
Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Reset</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

PWR8563

Message Unable to turn on Server \textit{arg1} due to I/O fabric inconsistency.
Arguments
\begin{itemize}
  \item \texttt{arg1} = server number
\end{itemize}

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
SubCategory: PWR = Power Usage
Severity: Severity 1 (Critical)
Trap/EventID: 8417
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert; EMAIL Alert; LC Log; Remote System Log

**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.

**PWR8565**

**Message**: Unable to turn off the Server *arg1* due to iDRAC communication issue.

**Arguments**
- *arg1* = server number
**Detailed Description**
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.

**Recommended Response Action**
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.

**Category** Audit

**SubCategory** PWR = Power Usage

**Severity** Severity 1 (Critical)

**Trap/EventID** 8417

**LCD Message** No LCD message display defined.

**Initial Default.** SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

---

**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 reinser the Server, wait for the iDRAC to complete startup, and retry the operation.

**Category** Audit

**SubCategory** PWR = Power Usage

**Severity** Severity 2 (Warning)

**Trap/EventID** FALSE

**LCD Message** No LCD message display defined.

**Initial Default.** LC Log

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
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<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

PWR8568

**Message**
Server arg1 did not gracefully shutdown 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
PWR8569

Message
Unable to power cycle the server arg1 because the server is off.

Arguments
- arg1 = slot number

Detailed Description
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.

Recommended Response Action
Turn on the server, if necessary, before requesting a power cycle operation.

Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)

PWR8570

Message
Unable to communicate to the iDRAC, when trying to power cycle 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 power cycled. This situation may occur when iDRAC is rebooting.

Recommended Response Action
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.

Category Audit
SubCategory PWR = Power Usage
Severity 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 id

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

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

---

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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: 8418
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;EMAIL Alert;LC Log;Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>TRUE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory PWR = Power Usage
Severity Severity 1 (Critical)
Trap/EventID 8417
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

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
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

PWR8576

Message Unable to turn on the Sleeve arg1 after Virtual Reseat.
Arguments
• arg1 = sleeve number

584
Detailed Description
The Virtual Reseat initiated on the Sleeve identified in the message successfully turned off the Sleeve. However, the Sleeve did not turn on successfully. A Virtual Reseat is the same as removing and inserting a Sleeve.

Recommended Response Action
Retry the Virtual Reseat operation on the Sleeve identified in the message. If the issue persists, manually remove and reinsert the Sleeve in the chassis.

Category Audit
SubCategory PWR = Power Usage
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

---

PWR8577

Message A Virtual Reseat operation is initiated on Sleeve arg1.
Arguments • arg1 = sleeve number

Detailed Description A Virtual Reseat operation is initiated on the Sleeve identified in the message. A Virtual Reseat is the same as removing and inserting a Sleeve.

Recommended Response Action No response action is required.

Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

---

PWR8578

Message Chassis Management Controller is unable to turn on the iDRAC on server-arg1 because power required is less than available power.
Arguments

- \( \text{arg1} = \text{slot number} \)

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
SubCategory PWR = Power Usage
Severity Severity 2 (Warning)

Trap/EventID 8418

LCD Message No LCD message display defined.

Initial Default
- SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

**PWR8579**

Message Request to reset the CMC\( \text{arg1} \)s initiated.

Arguments

- \( \text{arg1} = \text{slot id} \)

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
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)

Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default
- LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>
**PWR8580**

**Message**  
Chassis Management Controller is unable to turn on server-arg1 because the Chassis is not turned on.

**Arguments**  
- \( \text{arg1} = \text{slot number} \)

**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

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
LC Log:#None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**PWR8581**

**Message**  
Chassis Management Controller is unable to turn on server-arg1 because another chassis power operation is in progress.

**Arguments**  
- \( \text{arg1} = \text{slot number} \)

**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

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
LC Log:#None
PWR8582

Message: Chassis Management Controller is unable to turn on server-arg1 because Max Power Conservation Mode is enabled.

Arguments:
- \textbf{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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE

PWR8583

Message: Chassis Management Controller is unable to turn on server-arg1 because unacknowledged 110V PSUs are present.

Arguments:
- \textbf{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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
None

---

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
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default None

<table>
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</tbody>
</table>

PWR8586

Message Chassis Management Controller is unable to turn on server-arg1 because it is not supported in the VRTX chassis.

Arguments • \( \text{arg1} = \text{slot number} \)

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
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default None

<table>
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</tr>
</tbody>
</table>

PWR8587

Message Chassis Management Controller is unable to turn on server-arg1 because the chassis enclosure is open.

Arguments • \( \text{arg1} = \text{slot number} \)
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

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
None

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
None

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

PWR8589

Message
The server-arg1 does not have PCIe Mezzanine card in slot B1.
Arguments

• \( \text{arg1} = \) 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
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

PWR8590

Message The server-\( \text{arg1} \) does not have PCIe Mezzanine card in slot C1.
Arguments
• \( \text{arg1} = \) slot number

Detailed Description
The PCIe Mezzanine card in the slot C1 is absent. Without PCIe Mezzanine cards, chassis PCIe cards will not be available for servers.

Recommended Response Action
Insert a PCIe Mezzanine card in slot C1.

Category Audit
SubCategory PWR = Power Usage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

592
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

**SubCategory**

PWR = Power Usage

**Severity**

Severity 1 (Critical)

**Trap/EventID**

8417

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert;#EMAIL Alert;#LC Log;#Remote System Log

<table>
<thead>
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<th>Email Alert</th>
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</tbody>
</table>

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

**SubCategory**

PWR = Power Usage

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tbody>
</table>
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

SubCategory  PWR = Power Usage

Severity  Severity 3 (Informational)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  None

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</table>

PWR8594

Message  Chassis Management Controller is unable to set the Enhanced Cooling Mode because the requested power arg1AC Watt is more than available power arg2AC Watt.

Arguments  
- arg1 = requested watts
- 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

SubCategory  PWR = Power Usage

Severity  Severity 2 (Warning)

Trap/EventID  FALSE

LCD Message  No LCD message display defined.

Initial Default  None
PWR8595

Message  
Chassis Management Controller is unable to turn on server arg1 due to insufficient power for the arg2.

Arguments
- arg1 = slot id
- 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

SubCategory  
PWR = Power Usage

Severity  
Severity 2 (Warning)

Trap/EventID  
FALSE

LCD Message  
No LCD message display defined.

Initial Default  
LC Log

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.

FALSEFALSEFALSEFALSEFALSEFALSEFALSEFALSE
PWR8597

Message: Power Supply arg1 is not supported and was turned off.

Arguments:
• arg1 = psu number

Detailed Description: Mismatched PSU

Recommended Response Action: Remove PSU

Category: Audit
SubCategory: PWR = Power Usage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: None

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

PWR8598

Message: Power Supply arg1 is not compatible with other Power Supplies and was turned off.

Arguments:
• arg1 = psu number

Detailed Description: Power supply is not compatible with other power supplies.
Recommended Response Action

Remove PSU

Category	Audit

SubCategory	PWR = Power Usage

Severity	Severity 1 (Critical)

Trap/EventID	8417

LCD Message
No LCD message display defined.

Initial Default.	SNMP Alert;#LCD;#LC Log;#Remote System Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**PWR8599**

Message	Server \( arg1 \) is not compatible with the power supplies in the enclosure.

Arguments	- \( arg1 \) = server number

Detailed Description
The Chassis Management Controller cannot turn on the server identified in the message, because it is not compatible with installed PSUs

Recommended Response Action
Remove Server

Category	Audit

SubCategory	PWR = Power Usage

Severity	Severity 1 (Critical)

Trap/EventID	8417

LCD Message
No LCD message display defined.

Initial Default.	SNMP Alert;#LCD;#LC Log;#Remote System Log

<table>
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<tr>
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</tbody>
</table>

**PWR8557**

Message
The System Input Power Cap is too low to be enforced with the current Power Supply configuration.

Detailed Description
The System Input Power Cap is too low to be enforced with the current Power Supply configuration.
**Recommended Response Action**

- Increase power cap.

**Category**

- System Health

**SubCategory**

- PWR = Power Usage

**Severity**

- Severity 2 (Warning)

**Trap/EventID**

- 2274

**LCD Message**

- No LCD message display defined.

**Initial Default.**

- SNMP Alert; #EMAIL Alert; #LC Log; #Remote System Log

<table>
<thead>
<tr>
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</tbody>
</table>

**PWR8558**

**Message**

The System Input Power Cap is being enforced with the current Power Supply configuration.

**Detailed Description**

The System Input Power Cap is being enforced with the current Power Supply configuration.

**Recommended Response Action**

- Increase power cap.

**Category**

- System Health

**SubCategory**

- PWR = Power Usage

**Severity**

- Severity 2 (Warning)

**Trap/EventID**

- 2274

**LCD Message**

- No LCD message display defined.

**Initial Default.**

- SNMP Alert; #EMAIL Alert; #LC Log; #Remote System Log

<table>
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</table>

**PWR8600**

**Message**

Bad device plugged into KVM USB port.

**Detailed Description**

The device plugged into the KVM USB port is drawing too much current.

**Recommended Response Action**

- Remove the device from the KVM USB port.

**Category**

- System Health
SubCategory: PWR = Power Usage

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: None

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | TRUE

Message: The system performance restored.

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: PWR = Power Usage

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

Message: The system performance degraded.

Recommended Response Action: Review system configuration and power consumption.

Category: System Health

SubCategory: PWR = Power Usage

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE
<table>
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**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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Cycle</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>
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

SubCategory
PWR = Power Usage

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
System power exceeds capacity. System halted. Contact support

Initial Default
FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

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

SubCategory
PWR = Power Usage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
System power exceeds capacity. Performance degraded. Check PSU configuration

Initial Default
FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

PWR1008

Message
The system performance degraded because power draw exceeds the power threshold.
To avoid shutdown, system performance has been degraded.

Review system configuration, upgrade power supplies or reduce system power consumption.

System Health

PWR = Power Usage

Severity 1 (Critical)

System power exceeds threshold. Performance degraded. Check PSU configuration

FALSE

The power button was pressed.

None

No response action is required.

System Health

PWR = Power Usage

Severity 3 (Informational)

FALSE

The power button was released.

None

No response action is required.
### PWR0102

**Message**
The sleep button was pressed.

**Detailed Description**
None

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

<table>
<thead>
<tr>
<th>Category</th>
<th>System Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubCategory</td>
<td>PWR = Power Usage</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Trap/EventID</td>
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</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

<table>
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<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### PWR0103

**Message**
The sleep button was released.

**Detailed Description**
None

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

<table>
<thead>
<tr>
<th>Category</th>
<th>System Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubCategory</td>
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</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
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</table>

<table>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
PWR0104

Message: The reset button was pressed.
Detailed Description: The system will reset.
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

PWR0105

Message: The reset button was released.
Detailed Description: The system will reset.
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
PWR0106

Message
The arg1 is latched.

Arguments
• arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

PWR0107

Message
The arg1 is unlatched.

Arguments
• arg1 = name

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
PWR = Power Usage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.
PWR0108

Message: The \texttt{arg1} service was requested.

Arguments:
- \texttt{arg1 = name}

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

PWR0109

Message: The \texttt{arg1} service has completed.

Arguments:
- \texttt{arg1 = name}

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)

Trap/EventID: FALSE
### PWR2000

**Message**
The system powered up.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

### PWR2001

**Message**
The system hard reset.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**PWR2002**

**Message**
The system warm reset.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**PWR2003**

**Message**
User requested a PXE boot.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>
PWR2004

**Message**  
System booted automatically into diagnostics.

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

**Filter Visibility**  
IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

PWR2005

**Message**  
The OS run-time software initiated a hard reset.

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
PWR = Power Usage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

**Filter Visibility**  
IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

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
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

**PWR2007**

Message: System restarted.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

**PWR2200**

Message: The system is in the ON state.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility
IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
**Category** System Health  
**SubCategory** PWR = Power Usage  
**Severity** Severity 3 (Informational)  
**Trap/EventID** FALSE  
**LCD Message** No LCD message display defined.  
**Initial Default.** FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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  
**SubCategory** PWR = Power Usage  
**Severity** Severity 3 (Informational)  
**Trap/EventID** FALSE  
**LCD Message** No LCD message display defined.  
**Initial Default.** FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tbody>
</table>

### PWR2202

**Message** The system is sleeping with lost processor context.  
**Detailed Description** None  
**Recommended Response Action** No response action is required.  
**Category** System Health  
**SubCategory** PWR = Power Usage  
**Severity** Severity 3 (Informational)
### PWR2203

**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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
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<td>FALSE</td>
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<td>FALSE</td>
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</tr>
</tbody>
</table>
### PWR2205

**Message**
The system is in a soft-off state.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

### PWR2207

**Message**
The system is in a mechanical off state.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
PWR2208

Message: The system is in a sleep state.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
<table>
<thead>
<tr>
<th></th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

PWR2209

Message: The system is in an undermined sleep state.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
<table>
<thead>
<tr>
<th></th>
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</tr>
</tbody>
</table>

PWR2210

Message: The system was forced into a soft-off state.
**PWR2211**

**Message**
The system is in legacy ON state.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**PWR2212**

**Message**
The system is in legacy OFF state.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
PWR = Power Usage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

**PWR1009**

Message: System power capacity restored.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: PWR = Power Usage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
RAC Event Messages

RAC038

Message
Unable to perform the operation due to an unknown error in iDRAC.

Detailed Description
The operation failed to run due to an unknown error in iDRAC.

Recommended Response Action
Retry the action. If this fails, reset iDRAC.

Category
Configuration

SubCategory
RAC = RAC Event

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

RAC039

Message
Invalid parameter value for arg1.

Arguments
- \texttt{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

SubCategory
RAC = RAC Event

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.
**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

**SubCategory**
RAC = RAC Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

**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

**SubCategory**
RAC = RAC Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
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

SubCategory
RAC = RAC Event

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

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

SubCategory
RAC = RAC Event

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE
**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

**SubCategory**
RAC = RAC Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

**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

**SubCategory**
RAC = RAC Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

**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

**SubCategory**
RAC = RAC Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

**Filter Visibility**
<table>
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<tr>
<th>IPMI Alert</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**
RAC = RAC Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

**Filter Visibility**
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</tr>
</tbody>
</table>

**RAC048**

**Message**
The operation was successful.

**Detailed Description**
The operation completed successfully.

**Recommended Response Action**
No response action is required.
**Category**: Configuration  
**SubCategory**: RAC = RAC Event  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: FALSE  
**LCD Message**: No LCD message display defined.  
**Initial Default**: FALSE

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</tbody>
</table>
RDU Event Messages

RDU8500

Message: CMCarg1: active

Arguments:
- arg1 = slot number

Detailed Description:
The CMC identified in the message is active.

Recommended Response Action:
No response action is required.

Category: Audit
SubCategory: RDU = Redundancy
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
-----|-----|-----|-----|-----|-----|-----|-----|-----
FALSE | FALSE | FALSE | FALSE | TRUE | FALSE | FALSE | FALSE | FALSE

RDU8501

Message: CMCarg1: 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
SubCategory: RDU = Redundancy
Severity: Severity 3 (Informational)
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
SubCategory  RDU = Redundancy
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  LC Log

RDU8506

Message  CMC\arg1: enable failover
Arguments  • \arg1 = slot number

Detailed Description  CMC failover is enabled.

Recommended Response Action  No response action is required.
RDU8507

Message: CMCarg1: disable failover

Arguments:
- \( \text{arg1} = \text{slot number} \)

Detailed Description: CMC failover is disabled.

Recommended Response Action: No response action is required.

RDU8508

Message: CMCarg1: cannot failback since the other CMC is non-functional.

Arguments:
- \( \text{arg1} = \text{slot number} \)

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

SubCategory: RDU = Redundancy

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

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</tr>
</tbody>
</table>

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

SubCategory: RDU = Redundancy

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: LC Log

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</tr>
</tbody>
</table>

RDU8510

Message: CMC arg1: cannot failover, CMC firmware versions are different
Arguments

- \( \text{arg1} \) = 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

SubCategory
RDU = Redundancy

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**RDU8511**

Message
Unable to failover, CMC \( \text{arg1} \) in unknown state.

Arguments

- \( \text{arg1} \) = 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

SubCategory
RDU = Redundancy

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log
RDU8512

Message
CMC arg1: firmware versions are different [arg2arg3arg4arg5]

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
SubCategory RDU = Redundancy
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log

RDU8513

Message
CMC arg1: firmware versions are same arg2arg3

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
**RDU8514**

**Message**
CMC\(\text{arg}_1\): cannot failover, firmware update is in progress.

**Arguments**
- \(\text{arg}_1\) = slot number

**Detailed Description**
A failover operation has been requested, but a failover operation cannot be completed while CMC firmware update is in progress.

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

**RDU8515**

**Message**
CMC\(\text{arg}_1\): failover was initiated by internal health monitoring process.

**Arguments**
- \(\text{arg}_1\) = 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  
SubCategory: RDU = Redundancy  
Severity: Severity 3 (Informational)  
Trap/EventID: FALSE  
LCD Message: No LCD message display defined.  
Initial Default: LC Log

<table>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**RDU8516**

Message: CMC\textit{arg1}: failover initiated by RACADM interface.

Arguments:
- \textit{arg1} = slot number

Detailed Description: A failover has been requested from the RACADM command line interface.

Recommended Response Action: No response action is required.

Category: Audit  
SubCategory: RDU = Redundancy  
Severity: Severity 3 (Informational)  
Trap/EventID: FALSE  
LCD Message: No LCD message display defined.  
Initial Default: LC Log

<table>
<thead>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**RDU8517**

Message: CMC\textit{arg1}: no action allowed while firmware update is in progress

Arguments:
- \textit{arg1} = slot number

Detailed Description: No failover or other action can occur while a CMC firmware update is in progress.
Recommended Response Action: No response action is required. Wait until the firmware update is complete and retry the operation.

Category: Audit
SubCategory: RDU = Redundancy
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

---

**RDU8518**

**Message**: CMC\textit{arg1}: active CMC\textit{arg2} requests Standby CMC to go active state.

**Arguments**
- \textit{arg1} = slot number
- \textit{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
SubCategory: RDU = Redundancy
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

---

**RDU8519**

**Message**: Unable to communicate with peer CMC\textit{arg1}.

**Arguments**
- \textit{arg1} = slot number

---

633
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.

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 reinsert the CMC.

CMCarg1: recovered from unheathy state

• arg1 = slot number

The standby CMC is recovered from unhealthy state by the monitoring daemon.

No response action is required.

CMCarg1: active CMC has been removed

CMCarg1: recovered from unheathy state
Arguments

• \( \text{arg}1 = \) 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.

Category
Audit

SubCategory
RDU = Redundancy

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LC
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
TRUE
FALSE
FALSE
FALSE
FALSE
FALSE

RDU8522

Message
CMC\( \text{arg}1 \): standby CMC\( \text{arg}2 \) became active

Arguments

• \( \text{arg}1 = \) slot number
• \( \text{arg}2 = \) 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

SubCategory
RDU = Redundancy

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LC
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
TRUE
FALSE
FALSE
FALSE
FALSE
FALSE

635
RDU8523

**Message**: CMC\textit{arg1}: reset by peer CMC

**Arguments**

- \textit{arg1} = slot number

**Detailed Description**: The CMC identified in the message was reset by other CMC. This occurs during failover and CMC firmware update to the standby CMC.

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

**Category**: Audit

**SubCategory**: RDU = Redundancy

**Severity**: Severity 3 (Informational)

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: LC Log

<table>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

RDU8524

**Message**: CMC\textit{arg1}: failover is not allowed

**Arguments**

- \textit{arg1} = slot number

**Detailed Description**: CMC failover action is not allowed in the current configuration.

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

**Category**: Audit

**SubCategory**: RDU = Redundancy

**Severity**: Severity 3 (Informational)

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: LC Log
### RDU0001

**Message**
The fans are redundant.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
RDU = Redundancy

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>TRUE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
RDU = Redundancy

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Fan redundancy is lost. Check fans.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>
RDU0003

**Message**
Fan redundancy is degraded.

**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

**SubCategory**
RDU = Redundancy

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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

**SubCategory**
RDU = Redundancy

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

RDU0005

**Message**
The fans are not redundant. Insufficient resources to maintain normal operations.
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

SubCategory: RDU = Redundancy

Severity: Severity 1 (Critical)

Storage: FALSE

Initial Default: FALSE

---

**RDU0011**

**Message:** The power supplies are redundant.

**Detailed Description:** None

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

Category: System Health

SubCategory: RDU = Redundancy

Severity: Severity 3 (Informational)

Trap/EventID: 2475

LCD Message: No LCD message display defined.

Initial Default: LC Log

---

**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

SubCategory: RDU = Redundancy

Severity: Severity 1 (Critical)

trap/EventID: 2473

LCD Message: Lost PSU redundancy. Check PSU cables

Initial Default: LC Log

Filter Visibility: TRUE
IPMI Alert: FALSE
SNMP Alert: TRUE
Email Alert: TRUE
LC Log: TRUE
LC: FALSE
Power Off: FALSE
Power Cycle: FALSE
Reset: FALSE

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

SubCategory: RDU = Redundancy

Severity: Severity 2 (Warning)

Trap/EventID: 2474

LCD Message: PSU redundancy degraded. Check PSU cables

Initial Default: LC Log

Filter Visibility: TRUE
IPMI Alert: FALSE
SNMP Alert: TRUE
Email Alert: TRUE
LC Log: TRUE
LC: FALSE
Power Off: FALSE
Power Cycle: FALSE
Reset: FALSE

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
**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

**SubCategory**
RDU = Redundancy

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
PSUs are not redundant. Insufficient resources. Check PSU cables.

**Initial Default**
FALSE

---

**RDU0017**

**Message**
The storage voltage redundancy is lost.

**Detailed Description**
The storage 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

**SubCategory**
RDU = Redundancy

**Severity**
Severity 2 (Warning)
**RDU0030**

**Message**  
The \textit{arg1} voltage is redundant.

**Arguments**
- \textit{arg1} = name

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
RDU = Redundancy

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2475

**LCD Message**  
No LCD message display defined.

**Initial Default**  
LC Log

---

**RDU0032**

**Message**  
The \textit{arg1} voltage redundancy is degraded.

**Arguments**
- \textit{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
SubCategory: RDU = Redundancy
Severity: Severity 2 (Warning)
Trap/EventID: 2474
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
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</tr>
</tbody>
</table>

RDU0019

Message: The storage voltage is not redundant.
Detailed Description: None
Recommended Response Action: No response action is required
Category: System Health
SubCategory: RDU = Redundancy
Severity: Severity 3 (Informational)
Trap/EventID: 2475
LCD Message: No LCD message display defined.
Initial Default: LC Log

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</tbody>
</table>
RED Event Messages

RED001

Message          Job completed successfully.
Detailed Description Job completed successfully.
Recommended Response Action No response action is required.
Category          Updates
SubCategory       RED = FW Download
Severity          Severity 3 (Informational)
Trap/EventID      FALSE
LCD Message       No LCD message display defined.
Initial Default   LC Log

<table>
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</tr>
</tbody>
</table>

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
SubCategory       RED = FW Download
Severity          Severity 2 (Warning)
Trap/EventID      FALSE
LCD Message       No LCD message display defined.
Initial Default   LC Log
RED006

Message          Dell Update Package download failed.
Detailed Description Dell Update Package download failed.
Recommended Response Action Check the network connection and access to the update package from the system.
Category          Updates
SubCategory       RED = FW Download
Severity          Severity 2 (Warning)
Trap/EventID      FALSE
LCD Message       No LCD message display defined.
Initial Default   LC Log

RED007

Message          Package verification failed.
Detailed Description Package verification failed.
Recommended Response Action Verify that the package is a Dell-signed update package.
Category          Updates
SubCategory       RED = FW Download
Severity          Severity 2 (Warning)
Trap/EventID      FALSE
LCD Message       No LCD message display defined.
Initial Default   LC Log
**RED008**

**Message**
Package extraction failed.

**Detailed Description**
Package extraction failed.

**Recommended Response Action**
Validate that the update package is not corrupt and is a valid Dell update package.

**Category**
Updates

**SubCategory**
RED = FW Download

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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</tr>
</tbody>
</table>
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
SubCategory  RFL = IDSDM Media
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

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
SubCategory  RFL = IDSDM Media
Severity  Severity 2 (Warning)
| Trap/EventID | FALSE |
| LCD Message | No LCD message display defined. |
| Initial Default. | FALSE |

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### RFL2003

**Message** Internal Dual SD Module arg1 is online.

**Arguments**
- \( \text{arg1} = \text{name} \)

**Detailed Description** None

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

**Category** System Health

**SubCategory** RFL = IDSDM Media

**Severity** Severity 3 (Informational)

**Trap/EventID** FALSE

**LCD Message** No LCD message display defined.

**Initial Default.** FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

### RFL2004

**Message** Failure detected on Internal Dual SD Module arg1.

**Arguments**
- \( \text{arg1} = \text{name} \)

**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

**SubCategory** RFL = IDSDM Media

<table>
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</tbody>
</table>
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Internal Dual SD Module <name> failed. Check SD Card
Initial Default: FALSE

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

**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
SubCategory: RFL = IDSDM Media
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tbody>
</table>

**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
SubCategory: RFL = IDSDM Media
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: Internal Dual SD Module <name> is write protected. Check SD Card
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

**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
**SubCategory:** RFL = IDSDM Media
**Severity:** Severity 3 (Informational)
**Trap/EventID:** FALSE
**LCD Message:** No LCD message display defined.
**Initial Default:** FALSE

<table>
<thead>
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</tbody>
</table>

**RFL2008**

**Message:** Internal Dual SD Module *arg1* is disabled.

**Arguments:**
- *arg1* = 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
SubCategory: RFL = IDSDM Media
Severity: Severity 3 (Informational)

<table>
<thead>
<tr>
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</tbody>
</table>

**RFL2009**

**Message**: Internal Dual SD Module \( arg1 \) is enabled.

**Arguments**
- \( arg1 \) = 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
SubCategory: RFL = IDSDM Media
Severity: Severity 3 (Informational)

<table>
<thead>
<tr>
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</table>
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

SubCategory  
RFLA = IDSDM Absent

Severity  
Severity 1 (Critical)

Trap/EventID  
FALSE

LCD Message  
Internal Dual SD Module <name> is absent. Check SD card.

Initial Default.  
FALSE

<table>
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<tr>
<th>Filter Visibility</th>
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# RFM Event Messages

## RFM1018

<table>
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<tr>
<th>Message</th>
<th>Removable Flash Media is absent.</th>
</tr>
</thead>
<tbody>
<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</td>
</tr>
<tr>
<td>SubCategory</td>
<td>RFM = FlexAddress SD</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

## RFM1019

<table>
<thead>
<tr>
<th>Message</th>
<th>Removable Flash Media is present.</th>
</tr>
</thead>
<tbody>
<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</td>
</tr>
<tr>
<td>SubCategory</td>
<td>RFM = FlexAddress SD</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 3 (Informational)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
RFM1020

**Message**
Removable Flash Media is IPMI-function ready.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
RFM = FlexAddress SD

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

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

**SubCategory**
RFM = FlexAddress SD

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
RFM1022
Message
Removable Flash Media is ready.
Detailed Description
None
Recommended Response Action
If unintended, reinstall the flash media.
Category System Health
SubCategory RFM = FlexAddress SD
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Alert</th>
<th>SNMP Alert Alert</th>
<th>Email Alert Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory RFM = FlexAddress SD
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert Alert</th>
<th>SNMP Alert Alert</th>
<th>Email Alert Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory
RFM = FlexAddress SD

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

RFM1025

Message
Removable Flash Media is online.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
RFM = FlexAddress SD

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: RFM = FlexAddress SD
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**RFM1027**

Message: Removable Flash Media is operating normally.
Detailed Description: None
Recommended Response Action: No response action is required.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**RFM1028**

Message: Removable Flash Media was activated.
Detailed Description: None
Recommended Response Action: No response action is required.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
RFM1029

Message       Removable Flash Media was deactivated.
Detailed Description  None
Recommended Response Action  No response action is required.
Category         System Health
SubCategory      RFM = FlexAddress SD
Severity          Severity 3 (Informational)
Trap/EventID     FALSE
LCD Message     No LCD message display defined.
Initial Default.  FALSE

RFM1030

Message       Removable Flash Media is booting.
Detailed Description  None
Recommended Response Action  No response action is required.
Category         System Health
SubCategory      RFM = FlexAddress SD
Severity          Severity 3 (Informational)
Trap/EventID     FALSE
LCD Message     No LCD message display defined.
Initial Default.  FALSE
### RFM1031

**Message**: Removable Flash Media has finished booting.

**Detailed Description**: None

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

**Category**: System Health

**SubCategory**: RFM = FlexAddress SD

**Severity**: Severity 3 (Informational)

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<th>Power Cycle</th>
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<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**: RFM = FlexAddress SD

**Severity**: Severity 2 (Warning)

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
RFM1033

Message       Removable Flash Media is writable.
Detailed       None
Description    
Recommended    No response action is required.
Response Action
Category       System Health
SubCategory    RFM = FlexAddress SD
Severity       Severity 3 (Informational)
Trap/EventID   FALSE
LCD Message    No LCD message display defined.
Initial Default  FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

RFM1034

Message       Media not present for Removable Flash Media.
Detailed       The SD card is not detected or not installed.
Description    
Recommended    If unintended, reinstall the flash media.
Response Action
Category       System Health
SubCategory    RFM = FlexAddress SD
Severity       Severity 1 (Critical)
Trap/EventID   FALSE
LCD Message    No LCD message display defined.
Initial Default  FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

RFM1035

Message       Media is present for Removable Flash Media.
**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
RFM = FlexAddress SD

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</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
SubCategory RRDU = IDSDM Redundancy
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory RRDU = IDSDM Redundancy
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message Internal Dual SD Module redundancy lost. Check SD cards
Initial Default FALSE
### 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

**SubCategory**
RRDU = IDSDM Redundancy

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

### 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

**SubCategory**
RRDU = IDSDM Redundancy

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
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
SubCategory: RRDU = IDSDM Redundancy
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Internal Dual SD Module is not redundant. Insufficient resources. Check SD Cards
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
SEC Event Messages

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
SubCategory: SEC = Security Event
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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
SubCategory: SEC = Security Event
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Cycle</th>
<th>Reset</th>
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<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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.

**Category**  
System Health

**SubCategory**  
SEC = Security Event

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Cycle</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**  
SEC = Security Event

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
### 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

**SubCategory**
SEC = Security Event

**Severity**
Severity 1 (Critical)

| Trap/EventID | FALSE |
| LCD Message | No LCD message display defined. |
| Initial Default | FALSE |

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
SEC = Security Event

**Severity**
Severity 1 (Critical)

| Trap/EventID | FALSE |
| LCD Message | No LCD message display defined. |
| Initial Default | FALSE |

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
SEC = Security Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2387

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### SEC0018

**Message**
The I/O card area is closed.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEC = Security Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
**SEC0019**

Message: The processor area is closed.

Recommended Response Action: No response action is required.

**SEC0020**

Message: The LAN is connected.

Recommended Response Action: No response action is required.
<table>
<thead>
<tr>
<th>Trap/EventID</th>
<th>LCD Message</th>
<th>Initial Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>No LCD message display defined.</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### SEC0021

**Message**  
The docking is authorized.

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
SEC = Security Event

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

### SEC0022

**Message**  
The fan area is closed.

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
SEC = Security Event

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE
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

SubCategory: SEC = Security Event

Severity: Severity 1 (Critical)

Trap/EventID: 2385

LCD Message: Intrusion detected. Check chassis cover

Initial Default: LC Log

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

SubCategory: SEC = Security Event

Severity: Severity 3 (Informational)

Trap/EventID: 2387

LCD Message: No LCD message display defined.

Initial Default: LC Log
SEC0033

Message
The chassis is open while the power is off.

Detailed Description
The chassis is open while the power is off. System security may have been comprised.

Recommended Response Action
Close the chassis and verify hardware inventory. Check system logs.

Category
System Health

SubCategory
SEC = Security Event

Severity
Severity 1 (Critical)

Trap/EventID
2385

LCD Message
Intrusion detected. Check chassis cover

Initial Default
LC Log

SEC0034

Message
The chassis is closed while the power is off.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
SEC = Security Event

Severity
Severity 3 (Informational)

Trap/EventID
2387

LCD Message
No LCD message display defined.

Initial Default
LC Log

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

**SubCategory**
SEC = Security Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2385

**LCD Message**
Intrusion detected. Check chassis cover

**Initial Default**
LC Log

---

### 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

**SubCategory**
SEC = Security Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

### SEC0041

**Message**
BIOS detected an error configuring the Intel Trusted Execution Technology (TXT).

**Detailed Description**
TXT initialization failure. System configuration may have changed.

**Recommended Response Action**
Check system hardware inventory and software configuration.
Category: System Health
SubCategory: SEC = Security Event
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: BIOS detected an error configuring TXT. Check system configuration.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

SEC0042

Message: Processor detected an error while performing an Intel Trusted Execution Technology (TXT) operation.
Detailed Description: TXT CPU microcode boot failure. System configuration may have changed.
Recommended Response Action: Check system hardware inventory and software configuration.

Category: System Health
SubCategory: SEC = Security Event
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: CPU detected an error while performing a TXT operation. Check system configuration.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

SEC0043

Message: BIOS Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) error during POST.
Detailed Description: TXT Post failure. System configuration may have changed.
Recommended Response Action: Check system hardware inventory and software configuration.

Category: System Health
SubCategory: SEC = Security Event
SEC0044

**Message**
SINIT Authenticated Code Module detected an Intel Trusted Execution Technology (TXT) error at boot.

**Detailed Description**
TXT initialization failure. System configuration may have changed.

**Recommended Response Action**
Check system hardware inventory and software configuration.

**Category**
System Health

**SubCategory**
SEC = Security Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
SINIT detected a TXT error at boot. Check system configuration.

**Initial Default.**
FALSE

### Filter Visibility

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

SEC00600

**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

**SubCategory**
SEC = Security Event

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE
SEC0601

Message   A secure mode violation was corrected.
Detailed   None
Description
Recommended No response action is required.
Response Action
Category    System Health
SubCategory SEC = Security Event
Severity    Severity 3 (Informational)
Trap/EventID FALSE

SEC0602

Message   User password violation detected.
Detailed   This may apply to a physical or remote access attempt.
Description
Recommended Check system logs for intrusion attempts, and ensure strong password policies.
Response Action
Category    System Health
SubCategory SEC = Security Event
Severity    Severity 2 (Warning)
Trap/EventID FALSE

682
### SEC0603

**Message**
User password violation was corrected.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEC = Security Event

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

### 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

**SubCategory**
SEC = Security Event

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

683
SEC0605
Message: A setup password violation was corrected.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: SEC = Security Event
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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
SubCategory: SEC = Security Event
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

SEC0607
Message: The network boot password violation was corrected.
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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</tbody>
</table>

**SEC0609**

**Message**
A password violation was corrected.

**Detailed Description**
None

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

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>
SEC0610

Message
An Out-of-band password violation detected.

Detailed Description
This may apply to a remote access attempt.

Recommended Response Action
Check system logs for intrusion attempts, and ensure strong password policies.

SEC0611

Message
An Out-of-band password violation was corrected.

Recommended Response Action
No response action is required.
SEC0045

Message
Intel Trusted Execution Technology (TXT) is operating correctly.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
SEC = Security Event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>
SEL Event Messages

SEL0002

**Message**
Logging is disabled.

**Detailed Description**
This message appears when event logging of a specific type is disabled by the user. (IPMI sensor type code 10h - offset 01h)

**Recommended Response Action**
If unintended, re-enable logging.

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**SEL0003**

**Message**
Logging is enabled.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log
**SEL0004**

**Message**  
Log cleared.

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
SEL = Sys Event Log

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
2379

**LCD Message**  
No LCD message display defined.

**Initial Default**  
LC Log

**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

**SubCategory**  
SEL = Sys Event Log

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
2377

**LCD Message**  
No LCD message display defined.

**Initial Default**  
LC Log
**SEL0007**

**Message**
All event logging is enabled.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**SEL0008**

**Message**
System event log (SEL) is 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. This message may also appear if the user disabled event logging. (IPMI sensor type code 10h - offset 04h)

**Recommended Response Action**
Backup and clear log.

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**LCD Message**
SEL is full. Review & clear log

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2377

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>

SEL0013

**Message**
The system event log was created or initialized successfully.
### SEL1200

**Message**
The system was reconfigured.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

<table>
<thead>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

### SEL1202

**Message**
OEM system boot.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 3 (Informational)

Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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.

Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 1 (Critical)

Trap/EventID: FALSE
LCD Message: Unknown system hardware failure. Contact support
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**SEL1205**

Message: The unknown system hardware failure was corrected.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 3 (Informational)
**SEL1206**

*Message:* An entry was added to auxiliary log.

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

*Category:* System Health

*SubCategory:* SEL = Sys Event Log

*Severity:* Severity 3 (Informational)

*Trap/EventID:* FALSE

*Initial Default:* FALSE

---

**SEL1207**

*Message:* An entry was removed from auxiliary log.

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

*Category:* System Health

*SubCategory:* SEL = Sys Event Log

*Severity:* Severity 3 (Informational)

*Trap/EventID:* FALSE

*Initial Default:* FALSE
<table>
<thead>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

### SEL1208

**Message**
A platform event filter action was executed.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

### 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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>
SEL1210

Message The time-stamp clock is synchronized.
Detailed Description None
Recommended Response Action No response action is required.
Category System Health
SubCategory SEL = Sys Event Log
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

<table>
<thead>
<tr>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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
SubCategory SEL = Sys Event Log
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tbody>
</table>

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

**SubCategory**

SEL = Sys Event Log

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

---

<table>
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<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**SEL1301**

**Message**

Bootable media found.

**Detailed Description**

None

**Recommended Response Action**

No response action is required.

**Category**

System Health

**SubCategory**

SEL = Sys Event Log

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

---

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**SEL1302**

**Message**

Non-bootable diskette detected.

**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 01h)

**Recommended Response Action**

Replace diskette with bootable disk.
Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter</th>
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<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

SEL1303

Message: Bootable diskette detected.
Detailed Description: None
Recommended Response Action: No response action is required.

<table>
<thead>
<tr>
<th>Filter</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
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<th>IPMI Alert</th>
<th>SNMP Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
SEL1305

Message: The PXE server found.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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
SubCategory: SEL = Sys Event Log
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
SEL1307

Message: Boot sector found.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: SEL = Sys Event Log

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

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

SubCategory: SEL = Sys Event Log

Severity: Severity 1 (Critical)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE
SEL1309

Message: User selected a boot source.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

SEL1400

Message: The platform generated a page alert.
Detailed Description: None
Recommended Response Action: No response action is required.
Category: System Health
SubCategory: SEL = Sys Event Log
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE | FALSE

SEL1402

Message: The platform generated a LAN alert.
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
SEL = Sys Event Log

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
<thead>
<tr>
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</tr>
</tbody>
</table>

**SEL1404**

Message
A platform event trap (PET) was generated.

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
SEL = Sys Event Log

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
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<tr>
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</tr>
</tbody>
</table>

**SEL1406**

Message
The platform generated a SNMP trap.

Detailed Description
None

Recommended Response Action
No response action is required.

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

703
Category: System Health

SubCategory: SEL = Sys Event Log

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**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
SubCategory: SEL = Sys Event Log
Severity: Severity 2 (Warning)
Trap/EventID: 2378
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: SEL = Sys Event Log
Severity: Severity 3 (Informational)
Trap/EventID: 2379
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2378

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**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

**SubCategory**
SEL = Sys Event Log

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2379

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**SEL1500**

**Message**
The chassis management controller (CMC) is redundant.
Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: SEL = Sys Event Log

Severity: Severity 3 (Informational)

Trap/EventID: 2379

LCD Message: No LCD message display defined.

Initial Default: LC Log

---

**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.

---

**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

SubCategory

SEL = Sys Event Log

Severity

Severity 2 (Warning)

Trap/EventID

2378

LCD Message

No LCD message display defined.

Initial Default

LC Log

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

LC Log

LCD

Power Off

Power Cycle

Reset

TRUE FALSE TRUE TRUE FALSE FALSE FALSE FALSE FALSE

SEL1503

Message

The chassis management controller (CMC) is not redundant.

Detailed Description

None

Recommended Response Action

No response action is required.

Category

System Health

SubCategory

SEL = Sys Event Log

Severity

Severity 3 (Informational)

Trap/EventID

2379

LCD Message

No LCD message display defined.

Initial Default

LC Log

Filter Visibility

IPMI Alert

SNMP Alert

Email Alert

LC Log

LCD

Power Off

Power Cycle

Reset

TRUE FALSE TRUE TRUE FALSE FALSE FALSE FALSE FALSE

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
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

SubCategory
SEL = Sys Event Log

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</table>

SEL9902

Message
System software event.

Detailed Description
Software on the system has logged an event that can not 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

SubCategory
SEL = Sys Event Log

<table>
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<tr>
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</table>

Severity 3 (Informational)

No LCD message display defined.
## STOR Event Messages

### 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

**SubCategory**

STOR = Storage

**Severity**

Severity 2 (Warning)

**Trap/EventID**

4178

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert; #LCD; #Remote System Log

---

<table>
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</tbody>
</table>
Severity Severity 3 (Informational)
Trap/EventID 4179
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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**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

**SubCategory**
STOR = Storage

**Severity**
Severity 1 (Critical)

**Trap/EventID** 4177

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

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</table>

**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

**SubCategory**
STOR = Storage
Severity 1 (Critical)

Trap/EventID 4177

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

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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.

Category Storage

SubCategory STOR = Storage

Severity 2 (Warning)

Trap/EventID 4178

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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STOR6

Message CEM Storage Management detected inventory change(s) after host re-boot.
A comparison of storage inventory collected before and after the host re-boot/re-set reports differences. There could have been some storage components added or removed when the host was powered down.

No response action is required.

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.

No response action is required.

Detected two RAID controllers in integrated slots. This configuration is not currently supported and the second controller will not be powered on.
High Availability RAID is not supported by this firmware release. This event may occur during the upgrade process.

Remove one RAID controller.

Storage

STOR = Storage

Severity 2 (Warning)

4178

No LCD message display defined.

LCD;#Remote System Log;#None

STOR9

No RAID controllers have been detected. Access to shared storage will not be available.

No supported RAID controllers have been detected. Access to shared storage will not be available.

Ensure supported RAID controllers are installed.

STOR10

Access to shared storage will not be available, because the RAID controller is unable to turn on.

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

**SubCategory**

STOR = Storage

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4177

**LCD Message**

No LCD message display defined.

**Initial Default**

LCD;#Remote System Log

<table>
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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. Therefore one of the cards will be kept in a powered down state until High Availability firmware is installed.

**Recommended Response Action**

None Required.

**Category**

Storage

**SubCategory**

STOR = Storage

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4179

**LCD Message**

No LCD message display defined.

**Initial Default**

LCD;#Remote System Log

<table>
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</table>

**STOR003**

**Message**

Missing parameter.

**Detailed Description**

Required parameter is missing

**Recommended Response Action**

Refer to the RAID profile to determine required parameters
### STOR004

**Message**
Invalid parameter value

**Detailed Description**
Provided parameter value is not valid

**Recommended Response Action**
Refer to the RAID profile to determine the valid parameters values

---

### STOR006

**Message**
General failure

**Detailed Description**
Command failed. 1) Rerun the command. 2) Reset iDRAC and rerun the command.

---

**Category Configuration**
**SubCategory** STOR = Storage
**Severity** Severity 2 (Warning)
**Trap/EventID** FALSE
**LCD Message** No LCD message display defined.
**Initial Default.** FALSE

<table>
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</tbody>
</table>

---

**Category Configuration**
**SubCategory** STOR = Storage
**Severity** Severity 1 (Critical)
STOR007

Message Resource Allocation Failure.
Detailed Description Command failed due to lack of memory or file space.
Recommended Response Action Reset iDRAC and run the command.
Category Configuration
SubCategory STOR = Storage
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

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
SubCategory STOR = Storage
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE
<table>
<thead>
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</table>

**STOR010**

**Message**
RAID level not supported on controller

**Detailed Description**
RAID level provided not valid for this controller

**Recommended Response Action**
Provide a valid RAID level

<table>
<thead>
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</table>

**STOR011**

**Message**
Stripe size not supported on controller

**Detailed Description**
Stripe size provided not valid for this controller.

**Recommended Response Action**
Provide a valid stripe size

<table>
<thead>
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</table>
STOR012

Message  Provided Physical disk not valid for this operation
Detailed Description  One or more of provided physical disks cannot be used.
Recommended Response Action  Check the RAID profile for correct status and use of provided physical disk(s)
Category  Configuration
SubCategory  STOR = Storage
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

STOR013

Message  One or more Storage device(s) are not in a state where the operation can be completed.
Detailed Description  One or more storage device(s) are in a state that prevents the command from completing.
Recommended Response Action  Run command again
Category  Configuration
SubCategory  STOR = Storage
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

STOR015

Message  Maximum virtual disks allowed for this controller has been reached
Detailed Description: Hit maximum limit for virtual disks on the controller

Recommended Response Action: A new virtual disk cannot be created until one is deleted.

Category: Configuration
SubCategory: STOR = Storage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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</table>

STOR016

Message: Physical disk provided is not large enough to be a hot spare for this virtual disk.

Detailed Description: Physical disk is not large enough to be a hot spare for the physical disks that compose the virtual disk

Recommended Response Action: Provide a larger physical disk

Category: Configuration
SubCategory: STOR = Storage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

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STOR017

Message: Virtual Disk provided is not valid for the operation

Detailed Description: Virtual disk provided is compatible with this operation.

Recommended Response Action: Provide a compatible Virtual disk for the operation

<table>
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STOR018

Message
No foreign drives detected

Detailed Description
This operation did not detect any foreign drives. This may be due to not having any foreign drives or the only foreign drives being secured.

Recommended Response Action
If the only foreign drives present are secured, run a secure erase operation on the drives. Otherwise the operation failed because there are no foreign drives.

STOR019

Message
Provided passphrase is not valid

Detailed Description
Passphrase provided does not follow the controller character restriction rules

Recommended Response Action
Provide a passphrase that obeys the controllers character restriction.
STOR020

Message
Controller Key is already present

Detailed Description
Controller key cannot be set because the key is already present.

Recommended Response Action
Controller already has a key. Key must be deleted to key the controller again.

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

STOR021

Message
Controller Key is not present

Detailed Description
The controller needs the key set before the virtual disk can be secured.

Recommended Response Action
Controller Key is needed to secure the virtual disk.

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE
### STOR022

**Message:** Controller is not security capable

**Detailed Description:** Controller does not have the capability to secure virtual disks

**Recommended Response Action:** Controller does not have security capability.

**Category:** Configuration

**SubCategory:** STOR = Storage

**Severity:** Severity 3 (Informational)

**Trap/EventID:** FALSE

**LCD Message:** No LCD message display defined.

**Initial Default:** FALSE

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### STOR023

**Message:** Configuration already committed, cannot set configuration

**Detailed Description:** A configuration has already been committed for this device.

**Recommended Response Action:** The current configuration job must be canceled or completed to perform configuration changes.

**Category:** Configuration

**SubCategory:** STOR = Storage

**Severity:** Severity 3 (Informational)

**Trap/EventID:** FALSE

**LCD Message:** No LCD message display defined.

**Initial Default:** FALSE

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</table>
**STOR024**

**Message**
Configuration already committed, cannot commit until previous commit succeeds or is cancelled

**Detailed Description**
Configuration changes are already scheduled

**Recommended Response Action**
Configuration is already scheduled. No need to schedule again.

**Category**
Configuration

**SubCategory**
STOR = Storage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**STOR025**

**Message**
Configuration already committed, cannot delete pending configuration

**Detailed Description**
Cant delete pending configuration, job is already scheduled

**Recommended Response Action**
Must delete the configuration job to stop pending configuration changes.

**Category**
Configuration

**SubCategory**
STOR = Storage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
STOR026

Message  Configuration Job not Created, there are no pending Configuration changes
Detailed Description  There are no pending configuration changes for this device, the job cant be created.
Recommended Response Action  There were no pending configuration changes found; the configuration job cannot be created when there are pending configuration changes.
Category  Configuration
SubCategory  STOR = Storage
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default  FALSE

STOR027

Message  Virtual Disk name is not supported
Detailed Description  Setting the Virtual disk name is not a valid operation on this controller
Recommended Response Action  This operation should not be attempted on this controller
Category  Configuration
SubCategory  STOR = Storage
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default  FALSE

STOR028

Message  Virtual Disk not found
<table>
<thead>
<tr>
<th>STOR029</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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STOR030</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>
</tbody>
</table>
Category: Configuration
SubCategory: STOR = Storage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: STOR = Storage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**STOR032**

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

**Detailed Description**: Lifecycle Controller is unable to gain access to internal storage due to 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 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

SubCategory
STOR = Storage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
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</tbody>
</table>

STOR033

Message
Invalid parameter value for Start/Until Time

Detailed Description
Value for Start or Until Time is not valid

Recommended Response Action
Check the RAID profile to determine the proper values

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
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<td>FALSE</td>
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</tbody>
</table>

STOR035

Message
Not enough Storage objects or Storage objects in incorrect state for this operation

Detailed Description
Not enough objects provided for the operation or not all the provided objects are in a state that allows it to be used.

Recommended Response Action
Check number and state of the provided objects.
STOR037

Message

Missing required parameter arg1

Arguments

• arg1 = parameter name

Detailed Description

One or more required parameters for the method are missing

Recommended Response Action

Refer to the profile document and provide the required parameter

STOR038

Message

Invalid parameter value for arg1

Arguments

• arg1 = parameter

Detailed Description

The parameter value for the given parameter is invalid
**STOR039**

**Message**
Mismatch in AttributeName and AttributeValue count

**Detailed Description**
The name value pairs do not match in the input

**Recommended Response Action**
Provide a valid (AttributeName, AttributeValue) pair

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</tr>
</tbody>
</table>

**STOR040**

**Message**
Invalid Attribute Name *arg1*

**Arguments**
- *arg1 = attribute*

**Detailed Description**
The attribute name provided is not valid for the current method

<table>
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</tr>
</tbody>
</table>
Recommended Response Action

Category | Configuration
---|---
SubCategory | STOR = Storage
Severity | Severity 2 (Warning)
Trap/EventID | FALSE
LCD Message | No LCD message display defined.
Initial Default. | FALSE

<table>
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</tbody>
</table>

STOR041

Message | Invalid Attribute Value for Attribute Name \( \text{arg1} \)
Arguments | • \( \text{arg1} = \text{attribute} \)
Detailed Description | The attribute value is not valid for the given attribute
Recommended Response Action | Provide valid attribute value for the specified attribute
Category | Configuration
SubCategory | STOR = Storage
Severity | Severity 2 (Warning)
Trap/EventID | FALSE
LCD Message | No LCD message display defined.
Initial Default. | FALSE

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</table>

STOR042

Message | Unsupported Attribute Value for Attribute Name \( \text{arg1} \)
Arguments | • \( \text{arg1} = \text{attribute} \)
STOR043

Message
Physical Disk is part of Virtual Disk that is not Secondary Raid Level 0

Detailed Description
Physical Disk is part of Virtual Disk that is not Secondary Raid Level 0

Recommended Response Action
Informational Message. No action required. Not an LC supported feature. Should not happen in the field

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

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</table>

STOR044

Message
All Physical Disks specified are not part of the same disk group

Detailed Description
One or more Physical Disks specified to create Virtual Disk is not valid. Use recommendation to find correct disk group

Recommended Response Action
Enumerate existing Virtual Disks to find the Physical Disks of the same disk group.
STOR045

Message: StartingLBA and Size parameters are required to create a Virtual Disk

Detailed Description: The input Physical Disks have fragmented disk space, so starting LBA and size parameters are required to create a Virtual Disk

Recommended Response Action: Provide startingLBA and size parameters.

STOR046

Message: StartingLBA and Size combination results in an overlapping Virtual Disk

Detailed Description: StartingLBA and Size combination results in an overlapping Virtual Disk

Recommended Response Action: Refer to the users guide to provide the correct StartingLBA and Size combination
STOR047

Message
AttributeValue cannot be changed for ReadOnly Attribute Name arg1

Arguments
•  arg1 = attribute

Detailed Description
AttributeValue cannot be changed for ReadOnly Attribute Name

Recommended Response Action
Cannot change this attribute. No action required

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

STOR048

Message
Controller is not Dell Key Management capable

Detailed Description
The controller or the firmware on the controller does not support the Dell Key Management.

Recommended Response Action
Informational Message. Either the firmware on the controller or the controller itself does not support this operation.

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE
**LCD Message** | No LCD message display defined.
---|---
**Initial Default.** | FALSE

<table>
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</tbody>
</table>

**STOR049**

**Message** | Controller is in Local Key Management mode
---|---
**Detailed Description** | Controller is in Local Key Management mode
**Recommended Response Action** | No response action is required.
**Category** | Configuration
**SubCategory** | STOR = Storage
**Severity** | Severity 3 (Informational)
**Trap/EventID** | FALSE
**LCD Message** | No LCD message display defined.
**Initial Default.** | FALSE

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</tbody>
</table>

**STOR050**

**Message** | Controller is in Dell Key Management mode
---|---
**Detailed Description** | Controller is in Dell Key Management mode
**Recommended Response Action** | Informational Message. Should not happen in customer scenario
**Category** | Configuration
**SubCategory** | STOR = Storage
**Severity** | Severity 3 (Informational)
**Trap/EventID** | FALSE
**LCD Message** | No LCD message display defined.
**Initial Default.** | FALSE
STOR051

**Message**
Starting LBA and Size combination goes beyond Physical Disk size

**Detailed Description**
The starting LBA and size parameters are incorrect

**Recommended Response Action**
Refer to the users guide to provide the correct StartingLBA and Size combination

**Category**
Configuration

**SubCategory**
STOR = Storage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

---

STOR052

**Message**
Unsupported number of Virtual Disks on a controller or disk group

**Detailed Description**
The max limit on the number of Virtual Disks that can be created on controller or disk group has been reached

**Recommended Response Action**
Refer to controller users guide for the supported no. of virtual disks

**Category**
Configuration

**SubCategory**
STOR = Storage

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
STOR053

Message Controller key not present, controller needs key from Dell Key Management Server.
Detailed Description System could not obtain key from the Dell Key Management Server.
Recommended Response Action Refer to the DKM documentation for setting the Key management server.
Category Configuration
SubCategory STOR = Storage
Severity Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

<table>
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</tbody>
</table>

STOR054

Message Controller is not cachecade capable.
Detailed Description The controller or the firmware on the controller does not support the CacheCade.
Recommended Response Action Informational Message. Refer to the controller users guide for more info.
Category Configuration
SubCategory STOR = Storage
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default FALSE

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<td>FALSE</td>
</tr>
</tbody>
</table>

STOR055

Message BIOS does not support Key Manager capabilities.
STOR056

Message
Physical disk is not security capable

Detailed Description
The physical disk does not support data encryption

Recommended Response Action
Informational Message. Refer to the controller users guide for more info.

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

STOR057

Message
RAID Controller is not currently available for Configuration

Detailed Description
The CSIOR is not run, hence the Controller is not in state where this operation can be performed
Recommended Response Action
Enable CSIOR and then run CSIOR. Invoke the GetRSStatus wsman method (Refer LCMManagement profile document for more details on this method). This method returns Status and wait for Status to become “Ready”

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
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</tbody>
</table>

STOR059

Message
Operation is not currently valid since there are no Virtual Disks on the controller.

Detailed Description
There are no Virtual Disk on the controller so the operation cannot be performed.

Recommended Response Action
Create a Virtual Disk before invoking this operation.

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>

STOR061

Message
Initializing virtual disk is not supported on the RAID controller.

Detailed Description
Initializing virtual disk operation is not supported on the target device.

Recommended Response Action
For more information on supported operations, see Lifecycle Controller Remote Services Users Guide.

Category
Configuration
STOR060

Message: Configuration not supported on RAID controller.
Detailed Description: The operation is not supported on the target device.
Recommended Response Action: For more information on supported operations, see Lifecycle Controller Remote Services Users Guide.
Category: Configuration
SubCategory: STOR = Storage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

STOR062

Message: One or more Physical Disks specified are full and cannot be used to create additional Virtual Disks.
Detailed Description: 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.
Category: Configuration
SubCategory: STOR = Storage
Severity: Severity 3 (Informational)
STOR063

Message
Cannot assign the 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 without clustered assignment mode enabled.

Recommended Response Action
Enable clustered assignment mode or unassign the Virtual Disk from the virtual adapter it is currently assigned to.

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 2 (Warning)

STOR034

Message
Invalid parameter value for RebootJobType

Detailed Description
Value provided does not identify a boot job type

Recommended Response Action
Check the RAID profile to determine the proper values

Category
Configuration

SubCategory
STOR = Storage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
None
<table>
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</tbody>
</table>
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
SubCategory: SUP = FW Update Job
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off Cycle</th>
<th>Power Reset</th>
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<tr>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: SUP = FW Update Job
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
### 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

**SubCategory**
SUP = FW Update Job

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</table>

### 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

**SubCategory**
SUP = FW Update Job

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</table>
### 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

**SubCategory**
SUP = FW Update Job

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
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</table>

### 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

**SubCategory**
SUP = FW Update Job

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
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</tbody>
</table>

### SUP017

**Message**
Invalid start time.
### 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

**SubCategory**
SUP = FW Update Job

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
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</table>

### 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
SubCategory: SUP = FW Update Job
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</table>

**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
SubCategory: SUP = FW Update Job
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
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</table>

**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
SubCategory: SUP = FW Update Job
Severity: Severity 2 (Warning)
<table>
<thead>
<tr>
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</tbody>
</table>
SWC Event Messages

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

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

### Filter Visibility

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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</tbody>
</table>

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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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log
### 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

### 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
**SWC8537**

**Message**
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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**SWC8538**

**Message**
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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE
**SWC8539**

**Message**
The key delete operation successfully completed for slot arg1 of service account.

**Arguments**
- \( \text{arg1} = \text{slot number} \)

**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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**SWC8540**

**Message**
The add key operation successfully completed for slot arg1 of service account.

**Arguments**
- \( \text{arg1} = \text{slot number} \)

**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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
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</tbody>
</table>
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
Audit

SubCategory
SWC = Software Config

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

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
Audit
**SubCategory** SWC = Software Config  
**Severity** Severity 1 (Critical)  
**Trap/EventID** FALSE  
**LCD Message** No LCD message display defined.  
**Initial Default.** LC Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tbody>
</table>

**SWC8502**

**Message** A Profile was generated with [arg1] settings.  
**Arguments**  
- arg1 = schema count

**Detailed Description** A Profile has been generated with the number of settings indicated in the message.  
**Recommended Response Action** No response action is required.  
**Category** Audit  
**SubCategory** SWC = Software Config  
**Severity** Severity 3 (Informational)  
**Trap/EventID** FALSE  
**LCD Message** No LCD message display defined.  
**Initial Default.** LC Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tbody>
</table>

**SWC8503**

**Message** arg1Profile is renamed toarg2  
**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 Audit
SubCategory SWC = Software Config
Severity Severity 3 (Informational)
Trap/EventID FALSE

LCD Message No LCD message display defined.
Initial Default LC Log

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</tr>
</tbody>
</table>

**SWC8504**

**Message**
arg1/Profile renamed to arg2 and description edited.

**Arguments**
- **arg1** = profile name
- **arg2** = new profile name

**Detailed Description**
The Profile identified in the message was renamed and the description for the Profile was edited.

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

Category Audit
SubCategory SWC = Software Config
Severity Severity 3 (Informational)
Trap/EventID FALSE

LCD Message No LCD message display defined.
Initial Default LC Log

<table>
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</tbody>
</table>

**SWC8505**

**Message**
arg1/Profile description edited.

**Arguments**
- **arg1** = profile name
Detailed Description: The description for the Profile identified in the message was edited.

Recommended Response Action: No response action is required.

Category: Audit
SubCategory: SWC = Software Config
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

### SWC8506

Message: \textit{arg1}Profile deleted.
Arguments: \begin{itemize}
  \item \textit{arg1} = profile name
\end{itemize}

Detailed Description: The Profile identified in the message has been deleted.

Recommended Response Action: No response action is required.

Category: Audit
SubCategory: SWC = Software Config
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

### SWC8507

Message: \textit{arg1}Profile created.
Arguments: \begin{itemize}
  \item \textit{arg1} = profile name
\end{itemize}
A new Profile identified in the message has been created.

No response action is required.

Audit

SWC = Software Config

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

Unable to capture Profile from server in slotarg1

arg1 = slot number

Unable to communicate with iDRAC.

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.

Audit

SWC = Software Config

Severity 1 (Critical)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

Unable to apply arg1Profile to server in slotarg2

arg1/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.

Category Audit
SubCategory SWC = Software Config
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log

Filter
Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE

SWC8510

Message Unable to apply \textit{arg1}\textit{Profile} to requested Server(s)

Arguments
- \textit{arg1} = profile name

Detailed Description
Unable to communicate with the iDRAC of the requested Server.

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 may have additional information about the inability of the iDRAC to apply Profile settings.

Category Audit
SubCategory SWC = Software Config
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log
### 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

### 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

---

763
SWC8513

Message
Successfully deleted Userarg1.

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

SubCategory
SWC = Software Config

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

Message Successfully deleted Userarg1.

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

SubCategory
SWC = Software Config

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

SWC8514

Message
Unable to delete Userarg1.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

SubCategory
SWC = Software Config
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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

**SubCategory**: SWC = Software Config

**Severity**: Severity 3 (Informational)

**Trap/EventID**: FALSE

**LCD Message**: No LCD message display defined.

**Initial Default**: LC Log

<table>
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<th>Email Alert</th>
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</tbody>
</table>

**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  
**SubCategory:** SWC = Software Config  
**Severity:** Severity 2 (Warning)  
**Trap/EventID:** FALSE  
**LCD Message:** No LCD message display defined.  
**Initial Default:** LC Log  

<table>
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</tbody>
</table>

**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  
**SubCategory:** SWC = Software Config  
**Severity:** Severity 3 (Informational)  
**Trap/EventID:** FALSE  
**LCD Message:** No LCD message display defined.  
**Initial Default:** LC Log  

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</tbody>
</table>

**SWC8518**

**Message:** Unable to modify password of User arg1.arg2.arg3

**Arguments**
- arg1 = user name
- arg2 = error code
- arg3 = error message
Unable to modify the password of the User identified in the message.

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.

Audit

SWC = Software Config

Severity 2 (Warning)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

Successfully modified user name from arg1 to arg2

arg1 = original user name
arg2 = new user name

The user name identified in the message was successfully modified.

No response action is required.

Audit

SWC = Software Config

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

Unable to modify user name from arg1 to arg2: arg3-arg4

No response action is required.
Arguments

- arg1 = original user name
- arg2 = new user name
- arg3 = error code
- 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

SubCategory
SWC = Software Config

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
TRUE

LCD
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

SWC8521

Message
Unable to modify timeout for session: arg1: arg2-arg3

Arguments

- arg1 = SER/TEL/SSH/GUI/RAC/KVM/ERR
- arg2 = error code
- arg3 = error message

Detailed Description
Unable to modify the timeout for the session.

Recommended Response Action
Make sure: 1) The login credentials for the operation have chassis config administration privilege, 2) The session timeout given is valid. If the issue persists, restart the CMC and retry the operation.

Category
Audit

SubCategory
SWC = Software Config

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log
### 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

### 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 1 (Critical)
### SWC8524

**Message**
Unable to add arg1 to Chassis Group because a member already exists with the same addressing information.

**Arguments**
- \( \text{arg1} = \text{target} \)

**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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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</tbody>
</table>

### SWC8525

**Message**
Unable to add member to Chassis Group. Maximum members supported is arg1.

**Arguments**
- \( \text{arg1} = \text{maximum number of members} \)

**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
SubCategory: SWC = Software Config
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
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</tbody>
</table>

**SWC8526**

Message: Unable to delete Chassis Group member \texttt{arg1(arg2)}
Arguments:
- \texttt{arg1} = member id
- \texttt{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
SubCategory: SWC = Software Config
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

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</table>

**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 communction 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
SubCategory
SWC = Software Config
Severity
Severity 3 (Informational)
Trap/EventID
FALSE
LCD Message
No LCD message display defined.
Initial Default.
LC Log

<table>
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</tbody>
</table>

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 communion 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
SubCategory
SWC = Software Config
Severity
Severity 3 (Informational)
Trap/EventID
FALSE
LCD Message
No LCD message display defined.
Initial Default.
LC Log

<table>
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</tbody>
</table>

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 communion 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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**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

**SubCategory**
SWC = Software Config

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**SWC8531**

**Message**
Chassis Management Controller unable to set iDRAC administrator role for rootuser 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>".

### Category
Audit

### SubCategory
SWC = Software Config

### Severity
Severity 3 (Informational)

### Trap/EventID
FALSE

### LCD Message
No LCD message display defined.

### Initial Default
LC Log

<table>
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</table>

### SWC8532

### 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

### SubCategory
SWC = Software Config

### Severity
Severity 3 (Informational)

### Trap/EventID
FALSE

### LCD Message
No LCD message display defined.

### Initial Default
LC Log

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</table>
**SWC8600**

**Message**
Selected profile was not applied to arg1

**Arguments**
- **arg1** = server list

**Detailed Description**
The profile version must be compatible with the server generation and LC version.

**Recommended Response Action**
When attempting application, ensure that profile versions are compatible with target servers.

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
None

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</tbody>
</table>

**SWC8601**

**Message**
Quick Deploy Profile: Failed to apply arg1 to 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**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
None
**SWC8602**

**Message**
Quick Deploy Profile for server\texttt{arg1} failed: unable to get mutex.

**Arguments**
- \texttt{arg1} = server number

**Detailed Description**
The system is busy with other operations. Please wait and retry the operation.

**Recommended Response Action**
Retry operation

**Category**
Audit

**SubCategory**
\texttt{SWC = Software Config}

**Severity**
Severity 2 (Warning)

**LCD Message**
No LCD message display defined.

**Initial Default**
None

**SWC8603**

**Message**
Quick Deploy Profile: Server\texttt{arg1} SCIOR is disabled. Unable to apply profile.

**Arguments**
- \texttt{arg1} = server number

**Detailed Description**
The target server must have CSIOR enabled to apply a settings profile.

**Recommended Response Action**
Enable CSIOR on the target server

**Category**
Audit

**SubCategory**
\texttt{SWC = Software Config}

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
Initial Default. None

<table>
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</tbody>
</table>

**SWC8604**

**Message**
Quick Deploy Profile: Server arg1 cannot accept profile.

**Arguments**
- arg1 = server number

**Detailed Description**
The target server does not support server cloning.

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

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.** None

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**SWC8605**

**Message**
Quick Deploy Profile: Server arg1 is unknown version

**Arguments**
- arg1 = server number

**Detailed Description**
The target server replied with incorrect version information.

**Recommended Response Action**
Check the target server for correct operation.

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE
SWC8606

Message  
Quick Deploy Profile: Timeout exceeded while waiting for remote services ready on Server arg1.

Arguments  
• arg1 = server number

Detailed Description  
The target server never reported that remote services were ready.

Recommended Response Action  
Ensure that the server is operating properly on boot and Lifecycle Controller is enabled.

Category  
Audit

SubCategory  
SWC = Software Config

Severity  
Severity 2 (Warning)

Trap/EventID  
FALSE

LCD Message  
No LCD message display defined.

Initial Default.  
None

Filter Visibility  
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

IPMI Alert  
SNMP Alert  
Email Alert  
LC Log  
LCD  
Power Off  
Power Cycle  
Reset  
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

SWC8607

Message  
Quick Deploy Profile: Start to apply profile "arg1" to server arg2.

Arguments  
• arg1 = profile name
• arg2 = server number

Detailed Description  
The Quick Deploy of Profile process has started.

Recommended Response Action  
No response action is required

Category  
Audit

SubCategory  
SWC = Software Config
**Severity**  Severity 3 (Informational)
**Trap/EventID**  FALSE
**LCD Message**  No LCD message display defined.
**Initial Default.**  None

<table>
<thead>
<tr>
<th>Filter visibility</th>
<th>IPMI alert</th>
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<th>Email alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**SWC8608**

**Message**  Request \([arg1]\) for Server in Slot \(arg2\) failed. Returned Fault=\(arg3\)

**Arguments**
- \(arg1\) = wsman_method
- \(arg2\) = server number
- \(arg3\) = message

**Detailed Description**  The server Lifecycle Controller responded with a fault from a WSMAN request.

**Recommended Response Action**  Verify correct version of Lifecycle Controller on target server

**Category**  Audit
**SubCategory**  SWC = Software Config
**Severity**  Severity 2 (Warning)
**Trap/EventID**  FALSE
**LCD Message**  No LCD message display defined.
**Initial Default.**  None

<table>
<thead>
<tr>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**SWC8609**

**Message**  Request \([arg1]\) for Server in Slot \(arg2\) failed. Returned MessageID=\(arg3\) Message =\(arg4\)

**Arguments**
- \(arg1\) = wsman_method
- \(arg2\) = server number
- \(arg3\) = message_id
- \(arg4\) = message
Detailed Description
The server Lifecycle Controller responded with a failure for a WSMAN request.

Recommended Response Action
Verify correct operation of Lifecycle Controller on target server

Category
Audit

SubCategory
SWC = Software Config

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

<table>
<thead>
<tr>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**SWC8610**

Message
Job ID: \textit{arg1}. CMC sent all properties of profile \textit{arg2} to Server (Service Tag: \textit{arg3}) in Slot \textit{arg4}.

Arguments
- \textit{arg1} = job ID
- \textit{arg2} = profile_name
- \textit{arg3} = service tag
- \textit{arg4} = slot number

Detailed Description
The all settings profile was sent to the Lifecycle Controller on the target server

Recommended Response Action
No response action is required

Category
Audit

SubCategory
SWC = Software Config

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
None

<table>
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<tr>
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</tr>
</tbody>
</table>
**SWC8611**

**Message**
Profile 'arg1' and Server (Service Tag:arg2In Slot:arg3are not compatible.

**Arguments**
- arg1 = profile_name
- arg2 = service tag
- arg3 = server_number

**Detailed Description**
The selected profile version and the target server are not compatible. The CMC cannot perform the cloning operation.

**Recommended Response Action**
Select the correct version of profile and/or server and retry the operation

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
None

<table>
<thead>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

**SWC8612**

**Message**
Failed to Fully Extract Boot Device from Stored Profile:arg1

**Arguments**
- arg1 = key_properties

**Detailed Description**
The selected profile is corrupt. Recreate a new profile with the desired properties, or use a different profile.

**Recommended Response Action**
Recreate or use a different profile.

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
None
### SWC8613

**Message**
Failed to Fully Extract arg1 Boot List Settings from Stored Profile

**Arguments**
- \( \text{arg1} = \text{boot_list_name} \)

**Detailed Description**
The selected profile is corrupt. Recreate a new profile with the desired properties, or use a different profile.

**Recommended Response Action**
Recreate or use a different profile

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
None

### SWC8614

**Message**
Legacy Stored Profile Setting: arg1 Not Recognized. Please use Profile Generated from CMC4.3 or Later

**Arguments**
- \( \text{arg1} = \text{setting} \)

**Detailed Description**
The selected profile is either corrupt or contains old settings. Recreate a new profile or use a different profile.

**Recommended Response Action**
Recreate or use a different profile

**Category**
Audit

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
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

SubCategory
SWC = Software Config

Severity
Severity 2 (Warning)

Trap/EventID
2338

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility

<table>
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<tr>
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</tbody>
</table>

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

SubCategory
SWC = Software Config

Severity
Severity 3 (Informational)

Trap/EventID
2339
**SWC4006**

**Message**
A firmware or software incompatibility detected between system BIOS in slot arg1 and CMC.

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

**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

**SubCategory** SWC = Software Config

**Severity** Severity 2 (Warning)

**Trap/EventID** 2338

**LCD Message** No LCD message display defined.

**Initial Default** LC Log

---

**SWC4007**

**Message**
A firmware or software incompatibility was corrected between system BIOS in slot arg1 and CMC.

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

**Detailed Description**
None

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

**Category** System Health

**SubCategory** SWC = Software Config
Severity 3 (Informational)

Trap/EventID 2339

LCD Message No LCD message display defined.

Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

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

SubCategory SWC = Software Config

Severity Severity 2 (Warning)

Trap/EventID 2338

LCD Message No LCD message display defined.

Initial Default. LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE

SWC4009

Message A firmware or software incompatibility was corrected between CMC 1 and CMC 2.

Detailed Description None

Recommended Response Action No response action is required.

Category System Health

SubCategory SWC = Software Config

Severity Severity 3 (Informational)

Trap/EventID 2339

LCD Message No LCD message display defined.
### SWC5000

**Message**  
arg1 upgrade was successful.

**Arguments**  
- arg1 = name

**Detailed Description**  
None

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

**Category**  
System Health

**SubCategory**  
SWC = Software Config

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default**  
FALSE

### 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

**SubCategory**  
SWC = Software Config

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE
**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

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</tbody>
</table>

**SWC5002**

**Message**
arg1upgrade was successful but encountered minor errors.

**Arguments**
- \( arg1 = \text{name} \)

**Detailed Description**
None

**Recommended Response Action**
Check system logs for minor errors.

**Category**
System Health

**SubCategory**
SWC = Software Config

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

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</tbody>
</table>
SWU Event Messages

SWU8500

**Message**
The schedule to `arg1`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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

**Filter Visibility**
<table>
<thead>
<tr>
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</tbody>
</table>

SWU8501

**Message**
The schedule to reinstall/rollback 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

**SubCategory**
SWU = Software Change
SWU8502

Message
A request was submitted to schedule the \texttt{arg1} operation of Lifecycle Controller on server \texttt{arg2}.

Arguments
- \texttt{arg1} = update/reinstall/rollback
- \texttt{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

SubCategory
SWU = Software Change

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
TRUE

LCD
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

---

SWU8503

Message
A request was submitted to schedule the reinstall/rollback operation of Lifecycle Controller on server \texttt{arg1}.

Arguments
- \texttt{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
SubCategory SWU = Software Change
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
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<tr>
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</tr>
</tbody>
</table>

SWU8504

Message Successfully scheduled the Lifecycle Controller 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
SubCategory SWU = Software Change
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default LC Log

<table>
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</tr>
</tbody>
</table>

SWU8505

Message Successfully scheduled the Lifecycle Controller 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

**SubCategory**
SWU = Software Change

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

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</tbody>
</table>

**SWU8506**

**Message**
Completed the Firmware update operation for CMC arg1.

**Arguments**
- 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

**SubCategory**
SWU = Software Change

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

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</tr>
</tbody>
</table>

**SWU8513**

**Message**
Successfully updated the IOM infrastructure firmware of slot arg1.

**Arguments**
- arg1 = slot number
Detailed Description
The firmware update operation of IOM infrastructure is successful.

Recommended Response Action
No response action is required.

Category
Updates

SubCategory
SWU = Software Change

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
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</tbody>
</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

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

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</tbody>
</table>

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

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
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<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
SWU8517

Message
Unable to update the iDRAC firmware on the server in slot arg1. The Image file is not accessible. ErrorCode=0xarg2.

Arguments
• arg1 = slot number
• arg2 = error no

Detailed Description
Unable to update the iDRAC firmware. The firmware Image file is not accessible.

Recommended Response Action
Make sure the iDRAC firmware Image file is available in the given path and retry the operation.

Category
Updates

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
TRUE
FALSE
FALSE
FALSE
FALSE

SWU8518

Message
The firmware update operation on the iDRAC on the server in slot arg1 is stopped.

Arguments
• 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

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log
**SWU8519**

**Message**
The firmware update operation of the iDRAC on the server in slot `arg1` is stopped. The Image file is corrupted.

**Arguments**
- `arg1` = slot number

**Detailed Description**
The iDRAC firmware update operation was stopped, because the Image file is corrupted.

**Recommended Response Action**
Reacquire the Image file from the original source, and then retry the operation.

**Category**
Updates

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

**SWU8520**

**Message**
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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
### 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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

---

### SWU8522

**Message**
Unable to update the iDRAC on the server in arg1 firmware: ErrorCode=0xarg2.

**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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: SWU = Software Change
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
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</tr>
</tbody>
</table>

SWU8524

Message: Unable to update the iDRAC on the server in slot arg1: firmware: ErrorCode=0xarg2.

Arguments:
- arg1 = slot number
- arg2 = error no

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

798
**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.

---

**SubCategory**

SWU = Software Change

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

LC Log

---

**Filter Visibility**

FALSE

**IPMI Alert**

FALSE

**SNMP Alert**

FALSE

**Email Alert**

FALSE

**LC Log**

TRUE

**LCD**

FALSE

**Power Off**

FALSE

**Power Cycle**

FALSE

**Reset**

FALSE

---

**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

**SubCategory**
SWU = Software Change

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**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.

**Category**
Updates

**SubCategory**
SWU = Software Change

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tbody>
</table>

**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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

*SubCategory:* SWU = Software Change

*Severity:* Severity 2 (Warning)

*Trap/EventID:* FALSE

*LCD Message:* No LCD message display defined.

*Initial Default:* LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**SWU8532**

*Message:* Unable to update the LKVM firmware, because an invalid parameter is entered. ErrorCode=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

*SubCategory:* SWU = Software Change

*Severity:* Severity 2 (Warning)
SWU8533

Message: Unable to update the LKVM firmware, because the target is not ready. ErrorCode=0x\text{arg1}.

Arguments:
- $\text{arg1} = \text{error no}$

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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)

SWU8534

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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
SWU8535

Message
Unable to update the LKVM firmware, because the Image file transfer is not successful. ErrorCode=0xarg1.

Arguments
• \( \text{arg1} = \text{error no} \)

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

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
LC Log

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
TRUE

LC
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

SWU8536

Message
Unable to update the LKVM firmware, because the Image file could not be accessed. ErrorCode=0xarg1.

Arguments
• \( \text{arg1} = \text{error no} \)

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

SubCategory
SWU = Software Change
Severity  Severity 2 (Warning)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**SWU8537**

**Message**  Unable to update the LKVM firmware, because the IP address provided is invalid. ErrorCode=0xarg1.

**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
**SubCategory**  SWU = Software Change
**Severity**  Severity 2 (Warning)
**Trap/EventID**  FALSE
**LCD Message**  No LCD message display defined.
**Initial Default.**  LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**SWU8538**

**Message**  Unable to update the iKVM firmware. Reason = 0xarg1.

**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.
SWU8540

**Message**
Unable to update the PSU firmware, because the transfer of Image file is not successful. ErrorCode=0xarg1.

**Arguments**
- \( arg1 = \text{error no} \)

**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.

---

SWU8541

**Message**
Unable to update the PSU firmware, because the Image file is not accessible. ErrorCode=0xarg1.

**Arguments**
- \( arg1 = \text{error no} \)
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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility: IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility: IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE FALSE

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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>Power Cycle</th>
<th>Reset</th>
</tr>
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<tr>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**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
SubCategory: SWU = Software Change
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**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
**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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

**Filter Visibility**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

**SWU8547**

**Message**
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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE
**SWU8548**

**Message**
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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**SWU8549**

**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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

** Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log
<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**SWU8550**

**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.

**Recommended Response Action**
Reacquire the Image file from the source location, and then retry the operation.

**Category**
Updates

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
SWU = Software Change

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
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</tr>
</tbody>
</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

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

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

SubCategory
SWU = Software Change

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

SWU8554

Message
Local CMC firmware update has been initiated.

812
**Detailed Description**

Local CMC firmware update process is initiated.

**Recommended Response Action**

No response action is required.

**Category**

Updates

**SubCategory**

SWU = Software Change

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

None

---

**Filter Visibility**

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**

SWU = Software Change

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

None

---

**Filter Visibility**

<table>
<thead>
<tr>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**Message**

Switch config arg1 update on sled arg2 failed status arg3.

**Arguments**

- arg1 = ID
- arg2 = SlotNumber
- arg3 = ErrorCode

---

813
A chassis-wide switch configuration image is applied to the first node of a multi-node sled upon insertion or chassis initialization and has failed.

Make sure the sled has an updated iDRAC firmware.

Audit

SWU = Software Change

Severity 2 (Warning)

8362

No LCD message display defined.

None

<table>
<thead>
<tr>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</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

SubCategory: SYS = System Info

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message:
No LCD message display defined.

Initial Default:
FALSE

Filter Visibility:
IPMI Alert: FALSE
SNMP Alert: FALSE
Email Alert: FALSE
LC Log: FALSE
LCD: FALSE
Power Off: FALSE
Power Cycle: FALSE
Reset: FALSE

SYS003

Message:
Missing parameters:arg1.

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.

Category: Configuration

SubCategory: SYS = System Info

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message:
No LCD message display defined.
### 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

**SubCategory:** SYS = System Info

**Severity:** Severity 2 (Warning)

**Trap/EventID:** FALSE

**LCD Message:** No LCD message display defined.

**Initial Default:** FALSE

### 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

**SubCategory:** SYS = System Info

**Severity:** Severity 2 (Warning)

**Trap/EventID:** FALSE

**LCD Message:** No LCD message display defined.

**Initial Default:** FALSE
SYS006

Message: Unable to set read only attribute: \textit{arg1}.

Arguments: \textbullet{} \textit{arg1} = attribute name

Detailed Description: The attribute being set is currently read-only and cannot be changed.

Recommended Response Action: Refer to the Lifecycle Controller Remote Services documentation for the specific attribute behavior.

Category: Configuration
SubCategory: SYS = System Info
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

SYS013

Message: Invalid attribute name: \textit{arg1}.

Arguments: \textbullet{} \textit{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
SubCategory: SYS = System Info
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
### SYS014

**Message**
Invalid value for attribute:`arg1`

**Arguments**

- `arg1 =` attribute name

**Detailed Description**
The value provided for the specified attribute is invalid.

**Recommended Response Action**
For more information, refer to the Lifecycle Controller-Remote Services documentation and provide a valid value for the specified attribute.

**Category**
Configuration

**SubCategory**
SYS = System Info

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>FALSE</td>
</tr>
</tbody>
</table>
TMP Event Messages

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
SubCategory: TMP = Temperature
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility: FALSE
IPMI Alert: FALSE
SNMP Alert: FALSE
Email Alert: FALSE
LC Log: TRUE
LCD: FALSE
Power Off: FALSE
Power Cycle: FALSE
Reset: FALSE

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
SubCategory: TMP = Temperature
**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
LC Log

---

### 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

**SubCategory**  
TMP = Temperature

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
LC Log

---

### TMP1000

**Message**  
\( \text{arg1} \) exceeded the maximum warning threshold.

**Arguments**  
- \( \text{arg1} = \) 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
SubCategory: TMP = Temperature
Severity: Severity 2 (Warning)
Trap/EventID: 4210

LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>TRUE</td>
<td>TRUE</td>
<td></td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**TMP1001**

**Message**: \( \text{arg1} \) has crossed the minimum warning threshold.

**Arguments**
- \( \text{arg1} \) = 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
SubCategory: TMP = Temperature
Severity: Severity 2 (Warning)
Trap/EventID: 4210

LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>LCD</th>
<th>Power Off</th>
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<td>TRUE</td>
<td></td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**TMP1002**

**Message**: \( \text{arg1} \) has exceeded the maximum failure threshold.

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

**SubCategory**

TMP = Temperature

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4209

**LCD Message**

No LCD message display defined.

**Initial Default.**

SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**

TMP = Temperature

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4209

**LCD Message**

No LCD message display defined.

**Initial Default.**

SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**TMP5**

**Message**

The temperature probe maximum warning value was changed on _arg1_.

---

822
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

SubCategory
TMP = Temperature

Severity
Severity 3 (Informational)

Trap/EventID
4211

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

Filter Visibility

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory
TMP = Temperature

Severity
Severity 3 (Informational)

Trap/EventID
4211

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

Filter Visibility

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
**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

**SubCategory**
TMP = Temperature

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4209

**LCD Message**
No LCD message display defined.

**Initial Default**
SNMP Alert; LCD; Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>Email Alert</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**TMP0200**

**Message**
CPU arg1 temperature is less than the lower warning threshold.

**Arguments**
- arg1 = number

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health

**SubCategory**
TMP = Temperature

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
TMP0201

**Message**
CPU \( \text{arg1} \) temperature is less than the lower critical threshold.

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

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment.

**Category**
System Health

**SubCategory**
TMP = Temperature

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
CPU <number> temperature is outside of range. Check fans

**Initial Default.**
FALSE

---

TMP0202

**Message**
CPU \( \text{arg1} \) temperature is greater than the upper warning threshold.

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

**Detailed Description**
System performance may be degraded.

**Recommended Response Action**
Check system operating environment, fans, and heatsinks.

**Category**
System Health

**SubCategory**
TMP = Temperature

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.
## TMP0203

**Message**  
CPU arg1 temperature is greater than the upper critical threshold.

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

**Detailed Description**  
System performance may be degraded.

**Recommended Response Action**  
Check system operating environment, fans, and heatsinks.

**Category**  
System Health

**SubCategory**  
TMP = Temperature

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE

**LCD Message**  
CPU <number> temperature is outside of range. Check fans

**Initial Default**  
FALSE

---

## TMP0204

**Message**  
CPU arg1 temperature is outside of range.

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

**Detailed Description**  
System performance may be degraded.

**Recommended Response Action**  
Check system operating environment, fans, and heatsinks.

**Category**  
System Health

**SubCategory**  
TMP = Temperature

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE
### 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

**SubCategory**
TMP = Temperature

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE

<table>
<thead>
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<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
TMP = Temperature

**Severity**
Severity 2 (Warning)
TMP0101

Message
The system board $\text{arg1}$ temperature is less than the lower critical threshold.

Arguments
- $\text{arg1} = \text{name}$

Detailed Description
Ambient air temperature is too cool.

Recommended Response Action
Check system operating environment.

Category
System Health

SubCategory
TMP = Temperature

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
System board $\text{name}$ temperature outside of range. Check Fans

Initial Default
FALSE

TMP0102

Message
The system board $\text{arg1}$ temperature is greater than the upper warning threshold.

Arguments
- $\text{arg1} = \text{name}$

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

SubCategory
TMP = Temperature
Severity  Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**TMP0103**

Message The system board 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
SubCategory TMP = Temperature
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message System board <name> temperature is outside of range. Check Fans
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>FALSE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**TMP0104**

Message The system board 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
**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

**SubCategory**
TMP = Temperature

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

---

**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
SubCategory: TMP = Temperature
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD Alert</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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
SubCategory: TMP = Temperature
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Memory module <number> temperature is outside of range. Check Fans
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD Alert</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>

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

SubCategory
TMP = Temperature

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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

SubCategory
TMP = Temperature

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Memory module <number> temperature is outside of range. Check Fans

Initial Default.
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

TMP0110

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

**SubCategory**

TMP = Temperature

**Severity**

Severity 1 (Critical)

**Trap/EventID**

FALSE

**LCD Message**

Memory module <number> temperature is outside of range. Check Fans

**Initial Default.**

FALSE

---

### TMP0111

**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

**SubCategory**

TMP = Temperature

**Severity**

Severity 3 (Informational)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default.**

FALSE

---

### TMP0112

**Message**

The arg1 temperature is less than the lower warning threshold.

**Arguments**

- arg1 = name

---

833
Detailed Description
Ambient air temperature is too cool.

Recommended Response Action
Check system operating environment.

Category
System Health

SubCategory
TMP = Temperature

Severity
Severity 2 (Warning)

Trap/EventID
2162

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tbody>
</table>

**TMP0113**

Message
The \( \text{arg1} \) temperature is less than the lower critical threshold.

Arguments
- \( \text{arg1} = \text{name} \)

Detailed Description
Ambient air temperature is too cool.

Recommended Response Action
Check system operating environment.

Category
System Health

SubCategory
TMP = Temperature

Severity
Severity 1 (Critical)

Trap/EventID
2161

LCD Message
The <name> temperature is outside of range. Check Fans

Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

**TMP0114**

Message
The \( \text{arg1} \) temperature is greater than the upper warning threshold.

Arguments
- \( \text{arg1} = \text{name} \)
### TMP0115

**Message**

The \( \text{arg} \) temperature is greater than the upper critical threshold.

**Arguments**

* \( \text{arg}1 \) = 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

**SubCategory**

TMP = Temperature

**Severity**

Severity 1 (Critical)

**Trap/EventID**

2161

**LCD Message**

The <name> temperature is outside of range. Check Fans

**Initial Default**

LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</thead>
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<td>TRUE</td>
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</tr>
</tbody>
</table>

### TMP0116

**Message**

The \( \text{arg} \) temperature is outside of range.

**Arguments**

* \( \text{arg}1 \) = 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
SubCategory TMP = Temperature
Severity Severity 1 (Critical)
Trap/EventID 2161

LCD Message
The <name> temperature is outside of range. Check Fans

Initial Default. LC Log

---

### TMP0117

**Message**
The temperature is within range.

**Arguments**
- *arg1 = name*

**Detailed Description**
None

Recommended Response Action
No response action is required.

Category System Health
SubCategory TMP = Temperature
Severity Severity 3 (Informational)
Trap/EventID 2163

LCD Message
No LCD message display defined.

Initial Default. LC Log

---

### 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

**SubCategory**
TMP = Temperature

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2162

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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

**SubCategory**
TMP = Temperature

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2161

**LCD Message**
Inlet temperature is lower than critical threshold. Check environment

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: TMP = Temperature
Severity: Severity 2 (Warning)
Trap/EventID: 2162
LCD Message: No LCD message display defined.
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>

**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
SubCategory: TMP = Temperature
Severity: Severity 1 (Critical)
Trap/EventID: 2161
LCD Message: Inlet temperature is greater than upper critical threshold. Check environment
Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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
SubCategory: TMP = Temperature
Severity: Severity 1 (Critical)
**TMP0123**

**Message**
The system inlet temperature is within range.

**Detailed Description**
None

**Recommended Response Action**
Check system operating environment.

**Category**
System Health

**SubCategory**
TMP = Temperature

**Severity**
Severity 3 (Informational)

**Trap/EventID**
2163

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

**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

**SubCategory**
TMP = Temperature

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE
### TMP0125

**Message**
- Disk drive bay 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

**SubCategory**
- TMP = Temperature

**Severity**
- Severity 1 (Critical)

**Trap/EventID**
- FALSE

**LCD Message**
- No LCD message display defined.

**Initial Default**
- FALSE

---

### TMP0126

**Message**
- Disk drive bay 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

**SubCategory**
- TMP = Temperature

**Severity**
- Severity 2 (Warning)

**Trap/EventID**
- FALSE

**LCD Message**
- No LCD message display defined.

**Initial Default**
- FALSE
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
SubCategory: TMP = Temperature
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</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
SubCategory: TMP = Temperature
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

TMP0129

Message: Disk drive bay temperature is within range.
Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
TMP = Temperature

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

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

SubCategory
TMP = Temperature

Severity
Severity 2 (Warning)

Trap/EventID
2162

LCD Message
No LCD message display defined.

Initial Default.
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</thead>
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<td>FALSE</td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>Category</th>
<th>System Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubCategory</td>
<td>TMP = Temperature</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>2161</td>
</tr>
<tr>
<td>LCD Message 1</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default 1</td>
<td>LC Log</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</thead>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Category</th>
<th>System Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubCategory</td>
<td>TMP = Temperature</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>2162</td>
</tr>
<tr>
<td>LCD Message 2</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default 2</td>
<td>LC Log</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Category</th>
<th>System Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubCategory</td>
<td>TMP = Temperature</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 1 (Critical)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRUE</td>
<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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

SubCategory: TMP = Temperature

Severity: Severity 1 (Critical)

Trap/EventID: 2161

LCD Message: No LCD message display defined.

Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

TMP0135

Message: The control panel temperature is within range.

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: TMP = Temperature

Severity: Severity 3 (Informational)

Trap/EventID: 2163

LCD Message: No LCD message display defined.

Initial Default: LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
TMP0136

**Message**
Insufficient system cooling detected, system is shutdown.

**Detailed Description**
More than the minimun number of fans have been removed or failed in the system. System will not start or will shutdown.

**Recommended Response Action**
Replace failed fans. Install minimun requires fans.

**Category**
System Health

**SubCategory**
TMP = Temperature

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
Insufficient system cooling detected. Check fans

**Initial Default**
FALSE

---

TMP0137

**Message**
System cooling is at normal levels.

**Detailed Description**
None

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

**Category**
System Health

**SubCategory**
TMP = Temperature

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
FALSE
USR Event Messages

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

SubCategory
USR = User Tracking

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
LC Log

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
TRUE
FALSE
FALSE
FALSE
FALSE

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
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

**USR8503**

**Message**
Domain user authentication was not successful. Reason code = arg1

**Arguments**
- arg1 = error num

**Detailed Description**
The Active Directory authentication was not successfully for the specified username.
**Recommended Response Action**
Contact the administrator and ensure the username and password credentials used in the operation are correct.

**Category**
Audit

**SubCategory**
USR = User Tracking

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

### 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.

**Category**
Audit

**SubCategory**
USR = User Tracking

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
LC Log

---

### 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.
**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.

**USR8507**

**Message**
arg1login was not successful (username=arg2, ip=arg3, error=0xarg4)

**Arguments**
- **arg1** = Session type
- **arg2** = user name
- **arg3** = IP address
The login attempt with details specified in the message was not successful.

Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Audit

USR = User Tracking

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

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

The login attempt with details specified in the message was not successful.

Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Audit

USR = User Tracking

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

851
**USR8509**

**Message**
Login was not successful (username=\textit{arg1}, ip=\textit{arg2}, error=0x\textit{arg3}, type=\textit{arg4})

**Arguments**
- \textit{arg1} = username
- \textit{arg2} = ip address
- \textit{arg3} = error no
- \textit{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

**SubCategory**
USR = User Tracking

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

<table>
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</tr>
</tbody>
</table>

**USR8510**

**Message**
Login was successful \textit{arg1}(username=\textit{arg2}, type=\textit{arg3}, sid=\textit{arg4})

**Arguments**
- \textit{arg1} = description
- \textit{arg2} = username
- \textit{arg3} = session type
- \textit{arg4} = session ID

**Detailed Description**
Successful login by Username identified in the message.

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

**Category**
Audit

**SubCategory**
USR = User Tracking

**Severity**
Severity 3 (Informational)
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

**SubCategory**
USR = User Tracking

**Severity**
Severity 3 (Informational)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default**
LC Log

---

USR8512

**Message**
Login was not successful (username=\( arg2 \), reason=\( arg3 \))

**Arguments**
- \( arg1 \) = Session type
- \( arg2 \) = user name
- \( arg3 \) = failure reason
Successful login by Username identified in the message.

Contact the administrator and ensure the username and password credentials used are correct. Retry the operation with valid credentials.

Audit

USR = User Tracking

Severity 3 (Informational)

FALSE

No LCD message display defined.

LC Log

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE

arg1 unauthorized for arg2 on arg3 arg4

arg1 = username
arg2 = operation
arg3 = classname
arg4 = methodname

The username provided does not have sufficient privileges to perform the invoke operation on the method.

Retry the operation using user credentials that are authorized to perform the operation.

Audit

USR = User Tracking

Severity 2 (Warning)

FALSE

No LCD message display defined.

FALSE

FALSE FALSE FALSE FALSE TRUE FALSE FALSE FALSE FALSE
USR107

Message
arg1operation was performed byarg2onarg3ofarg4.

Arguments
- arg1 = Set/Invoke
- arg2 = username
- arg3 = methodname name or instance
- arg4 = class name

Detailed Description
The specified user has performed a set or invoke method operation on the iDRAC. 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
SubCategory USR = User Tracking
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
VDR Event Messages

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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert; #LCD; #Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

SubCategory
VDR = Virtual Disk
Severity Severity 1 (Critical)
Trap/EventID 4353
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;# LCD; #Remote System Log

<table>
<thead>
<tr>
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<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;# LCD; #Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<td>TRUE</td>
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<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

VDR3

Message Redundancy normal on arg1.
Arguments
• arg1 = VD Name

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.
Category Storage
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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

Category: Storage
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

### VDR6

**Message**

arg1configuration 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
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
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<td>FALSE</td>
<td>FALSE</td>
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</tr>
</tbody>
</table>

### VDR7

**Message**

arg1has failed.

**Arguments**

- arg1 = virtual disk
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
SubCategory: VDR = Virtual Disk
Severity: Severity 1 (Critical)
Trap/EventID: 4353
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: VDR = Virtual Disk
Severity: Severity 2 (Warning)
Trap/EventID: 4354
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<td>TRUE</td>
<td>FALSE</td>
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<td>FALSE</td>
</tr>
</tbody>
</table>
VDR9

Message  arg1consistency 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
SubCategory  VDR = Virtual Disk
Severity  Severity 3 (Informational)
Trap/EventID  4355
LCD Message  No LCD message display defined.
Initial Default  SNMP Alert;#LCD;#Remote System Log

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
SubCategory  VDR = Virtual Disk
Severity  Severity 3 (Informational)
Trap/EventID  4355
LCD Message  No LCD message display defined.
Initial Default  SNMP Alert;#LCD;#Remote System Log
### 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

**SubCategory**

VDR = Virtual Disk

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4355

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert;#LCD;#Remote System Log

### 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

**SubCategory**

VDR = Virtual Disk

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4355

**LCD Message**

No LCD message display defined.
VDR13

Message
arg1rebuild 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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355

LCD Message
No LCD message display defined.

VDR14

Message
The consistency check onarg1was 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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355
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
SubCategory  VDR = Virtual Disk
Severity  Severity 3 (Informational)
Trap/EventID  4355

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
SubCategory  VDR = Virtual Disk
**VDR17**

**Message**
arg1format 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

**SubCategory**
VDR = Virtual Disk

**Severity**
Severity 1 (Critical)

**Trap/EventID**
4353

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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</tr>
</tbody>
</table>

**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
SubCategory: VDR = Virtual Disk
Severity: Severity 1 (Critical)
Trap/EventID: 4353
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

**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
**SubCategory:** VDR = Virtual Disk
**Severity:** Severity 1 (Critical)
**Trap/EventID:** 4353
**LCD Message:** No LCD message display defined.
**Initial Default:** SNMP Alert;#LCD;#Remote System Log

**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
SubCategory VDR = Virtual Disk
Severity Severity 1 (Critical)
Trap/EventID 4353
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
TRUE FALSE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

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

**SubCategory**
VDR = Virtual Disk

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
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</tbody>
</table>

**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

**SubCategory**
VDR = Virtual Disk

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert;#LCD;#Remote System Log

<table>
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<tr>
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</tr>
</tbody>
</table>

**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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tbody>
</table>

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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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</tr>
</tbody>
</table>

VDR26

Message The check consistency on *arg1* has been paused (suspended).

Arguments
- *arg1* = VD Name
You paused the Check Consistency operation on a virtual disk.

To resume the Check Consistency operation, right-click the virtual disk in the Storage Management tree view and select Resume Check Consistency.

This alert is provided for informational purposes.

A virtual disk and its mirror have been split.
**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
**SubCategory** VDR = Virtual Disk
**Severity** Severity 3 (Informational)
**Trap/EventID** 4355
**LCD Message** No LCD message display defined.
**Initial Default.** SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**VDR29**

**Message**
A mirrored virtual disk has been un-mirrored.

**Detailed Description**
A mirrored virtual disk is unmirrored. When a virtual disk is mirrored, its data is copied to another virtual disk to maintain redundancy. After being unmirrored, 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.

**Category** Storage
**SubCategory** VDR = Virtual Disk
**Severity** Severity 3 (Informational)
**Trap/EventID** 4355
**LCD Message** No LCD message display defined.
**Initial Default.** SNMP Alert;#LCD;#Remote System Log

<table>
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</tbody>
</table>

**VDR30**

**Message**
arg Nwrite policy has changed.
Arguments

- \emph{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

SubCategory

VDR = Virtual Disk

Severity

Severity 3 (Informational)

Trap/EventID

4355

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

VDR31

Message

Controller cache is preserved for missing or offline \emph{arg1}.

Arguments

- \emph{arg1} = VD Name

Detailed Description

The controller is getting disconnected from its virtual disk, while Input Output (I/O) 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

SubCategory

VDR = Virtual Disk

Severity

Severity 2 (Warning)

Trap/EventID

4354

LCD Message

No LCD message display defined.

Initial Default.

SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tbody>
</table>
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

SubCategory VDR = Virtual Disk

Severity Severity 3 (Informational)

Trap/EventID 4355

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tbody>
</table>

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

SubCategory VDR = Virtual Disk

Severity Severity 3 (Informational)

Trap/EventID 4355

LCD Message No LCD message display defined.

Initial Default. SNMP Alert;#LCD;#Remote System Log
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

**SubCategory**

VDR = Virtual Disk

**Severity**

Severity 1 (Critical)

**Trap/EventID**

4353

**LCD Message**

No LCD message display defined.

**Initial Default**

SNMP Alert;#LCD;#Remote System Log

---

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

**SubCategory**

VDR = Virtual Disk

**Severity**

Severity 3 (Informational)

**Trap/EventID**

4355

**LCD Message**

No LCD message display defined.
<table>
<thead>
<tr>
<th>Filter Visibility</th>
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<th>SNMP Alert</th>
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</table>

**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

SubCategory  
VDR = Virtual Disk

Severity  
Severity 3 (Informational)

Trap/EventID  
4355

LCD Message  
No LCD message display defined.

Initial Default.  
SNMP Alert; LCD; Remote System Log

<table>
<thead>
<tr>
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<th>Email Alert</th>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

**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

SubCategory  
VDR = Virtual Disk

Severity  
Severity 3 (Informational)
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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
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</tbody>
</table>

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 errors 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
This Alert is for informational purposes only and no additional action is required. As a precaution, monitor the Alert Log for other errors related to this virtual disk. If problems persist, contact Dell Technical Support.

Category
Storage
**VDR40**

**Message**
The reconfiguration of \textit{arg1} has resumed.

**Arguments**
- \textit{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

**SubCategory**
VDR = Virtual Disk

**Severity**
Severity 3 (Informational)

**Trap/EventID**
4355

**LCD Message**
No LCD message display defined.

**Initial Default.**
SNMP Alert; #LCD; #Remote System Log

<table>
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</tbody>
</table>

**VDR41**

**Message**
\textit{arg1} read policy has changed.

**Arguments**
- \textit{arg1} = VD Name

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

**Recommended Response Action**
No response action is required.
Category: Storage
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert; #LCD; #Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**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
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert; #LCD; #Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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</tr>
</tbody>
</table>

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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355

LCD Message No LCD message display defined.
Initial Default SNMP Alert;#LCD;#Remote System Log

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<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

VDR46

Message arg1blink 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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355

LCD Message No LCD message display defined.
Initial Default. SNMP Alert;#LCD;#Remote System Log

<table>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

VDR47

Message A disk media error was corrected onarg1.
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.

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.

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.

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No response action is required.

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.
Arguments

- \( \text{arg1} = \text{VD Name} \)

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

SubCategory

VDR = Virtual Disk

Severity

Severity 1 (Critical)

Trap/EventID

4353

LCD Message

No LCD message display defined.

Initial Default

SNMP Alert;#LCD;#Remote System Log

<table>
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</tr>
</tbody>
</table>

VDR50

Message

Background Initialization (BGI) completed with uncorrectable errors on \( \text{arg1} \).

Arguments

- \( \text{arg1} = \text{virtual disk} \)

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

SubCategory

VDR = Virtual Disk

Severity

Severity 1 (Critical)

Trap/EventID

4353

LCD Message

No LCD message display defined.

Initial Default

SNMP Alert;#LCD;#Remote System Log
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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355

LCD Message
No LCD message display defined.

Initial Default
SNMP Alert;#LCD;#Remote System Log

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

SubCategory
VDR = Virtual Disk

Severity
Severity 2 (Warning)
Trap/EventID 4354

LCD Message  No LCD message display defined.

Initial Default  SNMP Alert;#LCD;#Remote System Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
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</tr>
</tbody>
</table>

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

SubCategory  VDR = Virtual Disk

Severity  Severity 2 (Warning)

Trap/EventID  4354

LCD Message  No LCD message display defined.

Initial Default  SNMP Alert;#LCD;#Remote System Log

<table>
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<td>FALSE</td>
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</tr>
</tbody>
</table>

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

SubCategory  VDR = Virtual Disk
Severity: Severity 2 (Warning)

Trap/EventID: 4354

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

VDR55

Message: arg 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

SubCategory: VDR = Virtual Disk

Severity: Severity 1 (Critical)

Trap/EventID: 4353

LCD Message: No LCD message display defined.

Initial Default: SNMP Alert;#LCD;#Remote System Log

---

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

VDR56

Message: Redundancy of arg 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
SubCategory: VDR = Virtual Disk
Severity: Severity 3 (Informational)
Trap/EventID: 4355
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**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
SubCategory: VDR = Virtual Disk
Severity: Severity 1 (Critical)
Trap/EventID: 4353
LCD Message: No LCD message display defined.
Initial Default: SNMP Alert;#LCD;#Remote System Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

**VDR92**

Message: Consistency check for `arg1` has completed with uncorrectable errors.
Arguments:
- `arg1` = virtual disk
This message occurs if there are medium errors in the physical drives.

Replace the failed drives.

Storage

VDR = Virtual Disk

Severity 1 (Critical)

4353

No LCD message display defined.

SNMP Alert;#LCD;#Remote System Log

VDR57

Background Initialization in arg1corrected medium error.

arg1 = VD Name

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.

Consider replacing the disk. If you receive this alert frequently, ensure to replace the disk. It is recommended to routinely back up your data.

Storage

VDR = Virtual Disk

Severity 3 (Informational)

4355

No LCD message display defined.

SNMP Alert;#LCD;#Remote System Log

VDR93

arg1bad block medium error is cleared.

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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default SNMP Alert;#LCD;#Remote System Log

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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
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.
Initial Default SNMP Alert;#LCD;#Remote System Log

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</table>

VDR95

Message Unable to log block arg1. Bad block table on arg2 full.

Arguments
• arg1 = arg
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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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</tbody>
</table>

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

SubCategory
VDR = Virtual Disk

Severity
Severity 3 (Informational)

Trap/EventID
4355

LCD Message
No LCD message display defined.

Initial Default.
SNMP Alert;#LCD;#Remote System Log

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</table>

VDR58

Message
Bad block medium error is detected at block arg1 on arg2.
Arguments

- \( \text{arg}_1 = \text{args} \)
- \( \text{arg}_2 = \text{VD Name} \)

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
SubCategory VDR = Virtual Disk
Severity Severity 1 (Critical)
Trap/EventID 4353
LCD Message No LCD message display defined.

Initial Default
SNMP Alert;/LCD;/Remote System Log

Filter Visibility  | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

VDR59

Message \( \text{arg}_1 \)security has failed.

Arguments

- \( \text{arg}_1 = \text{VD Name} \)

Detailed Description
This alert message occurs if virtual disk security has failed.

Recommended Response Action
No response action is required.

Category Storage
SubCategory VDR = Virtual Disk
Severity Severity 3 (Informational)
Trap/EventID 4355
LCD Message No LCD message display defined.

Initial Default
SNMP Alert;/LCD;/Remote System Log

Filter Visibility  | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE

891
VFL Event Messages

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

SubCategory: VFL = vFlash Event

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

Filter Visibility: FALSE

IPMI Alert: FALSE

SNMP Alert: FALSE

Email Alert: FALSE

LC Log: FALSE

LCD: FALSE

Power Off: FALSE

Power Cycle: FALSE

Reset: FALSE

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

SubCategory: VFL = vFlash Event

Severity: Severity 3 (Informational)
VFL1003

Message
Removable Flash Media \texttt{arg1} is not IPMI-function ready.

Arguments
- \texttt{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

SubCategory
VFL = vFlash Event

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

Filter Visibility
FALSE

IPMI Alert
FALSE

SNMP Alert
FALSE

Email Alert
FALSE

LC Log
FALSE

LCD
FALSE

Power Off
FALSE

Power Cycle
FALSE

Reset
FALSE

VFL1004

Message
Removable Flash Media \texttt{arg1} is ready.

Arguments
- \texttt{arg1 = name}

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
VFL = vFlash Event
Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

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</tr>
</tbody>
</table>

**VFL1005**

Message: Removable Flash Media \( \text{arg}1 \) is not ready.

Arguments:
- \( \text{arg}1 = \text{name} \)

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

SubCategory: VFL = vFlash Event

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

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</table>

**VFL1006**

Message: Removable Flash Media \( \text{arg}1 \) is offline.

Arguments:
- \( \text{arg}1 = \text{name} \)

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
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
SubCategory  VFL = vFlash Event
Severity  Severity 3 (Informational)
Trap/EventID  FALSE
LCD Message  No LCD message display defined.
Initial Default.  FALSE

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  
**SubCategory**: VFL = vFlash Event  
**Severity**: Severity 1 (Critical)  
**Trap/EventID**: FALSE  
**LCD Message**: Removable Flash Media <name> failed. Check SD Card  
**Initial Default**: FALSE

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off: FALSE
- Power Cycle: FALSE
- Reset: FALSE

#### 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  
**SubCategory**: VFL = vFlash Event  
**Severity**: Severity 3 (Informational)  
**Trap/EventID**: FALSE  
**LCD Message**: No LCD message display defined.  
**Initial Default**: FALSE

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off: FALSE
- Power Cycle: FALSE
- Reset: FALSE

#### 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
SubCategory VFL = vFlash Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

VFL1011

Message Removable Flash Media\texttt{arg1} was deactivated.
Arguments
\begin{itemize}
\item \texttt{arg1} = name
\end{itemize}

Detailed Description None
Recommended Response Action
No response action is required.
Category System Health
SubCategory VFL = vFlash Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

VFL1012

Message Removable Flash Media\texttt{arg1} is booting.
Arguments
\begin{itemize}
\item \texttt{arg1} = name
\end{itemize}
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

SubCategory
VFL = vFlash Event

Severity
Severity 3 (Informational)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

VFL1014

Message
Removable Flash Media arg1 is write protected.

Arguments
• arg1 = 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

SubCategory: VFL = vFlash Event

Severity: Severity 2 (Warning)

Trap/EventID: FALSE

LCD Message: Removable Flash Media <name> is write protected. Check SD Card

Initial Default: FALSE

---

VFL1015

Message: Removable Flash Media arg1 is writable.

Arguments:
- arg1 = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: VFL = vFlash Event

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

---

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
SubCategory VFL = vFlash Event
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
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</tr>
</tbody>
</table>

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
SubCategory VFL = vFlash Event
Severity Severity 3 (Informational)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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</tr>
</tbody>
</table>

901
VFLA Event Messages

VFLA1000

Message: Removable Flash Media arg1 is absent.

Arguments:

- arg1 = name

Detailed Description: None

Recommended Response Action: No response action is required.

Category: System Health

SubCategory: VFLA = vFlash Absent

Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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</tr>
</tbody>
</table>
### VLT Event Messages

#### VLT0300

**Message**

CPU\(arg1\)arg2voltage 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

**SubCategory**

VLT = Voltage

**Severity**

Severity 2 (Warning)

**Trap/EventID**

FALSE

**LCD Message**

No LCD message display defined.

**Initial Default**

FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
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<th>Email Alert</th>
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</tr>
</tbody>
</table>

#### VLT0301

**Message**

CPU\(arg1\)arg2voltage 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

**SubCategory**  
VLT = Voltage

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE

**LCD Message**  
CPU <number> <name> voltage is outside of range. Reseat CPU

**Initial Default.**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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</tr>
</tbody>
</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

**SubCategory**  
VLT = Voltage

**Severity**  
Severity 2 (Warning)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**VLT0303**

**Message**  
CPU arg1 arg2 voltage is greater than the upper critical threshold.

**Arguments**

- arg1 = number
- arg2 = name
High voltages may be the result of a 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  
**SubCategory** VLT = Voltage  
**Severity** Severity 1 (Critical)  
**Trap/EventID** FALSE  
**LCD Message** CPU <number> <name> voltage is outside of range. Reseat CPU  
**Initial Default.** FALSE

### VLT0304

**Message** CPU arg1 arg2 voltage is outside of range.

**Arguments**

- \( arg1 \) = number
- \( arg2 \) = 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  
**SubCategory** VLT = Voltage  
**Severity** Severity 1 (Critical)  
**Trap/EventID** FALSE  
**LCD Message** CPU <number> <name> voltage is outside of range. Reseat CPU  
**Initial Default.** FALSE

### Filter Visibility

<table>
<thead>
<tr>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>
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
SubCategory: VLT = Voltage
Severity: Severity 3 (Informational)

Trap/EventID: FALSE

LCD Message: No LCD message display defined.

Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

VLT0200

Message: The system board 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
SubCategory: VLT = Voltage
Severity: Severity 2 (Warning)

Trap/EventID: 2170

LCD Message: No LCD message display defined.

Initial Default: LC Log
VLT0201

**Message**
The system board \( \text{arg1} \) voltage is less than the lower 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

**SubCategory**
VLT = Voltage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**Initial Default**
LC Log

---

VLT0202

**Message**
The system board \( \text{arg1} \) 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

**SubCategory**
VLT = Voltage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
2170
### 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

**SubCategory**
VLT = Voltage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
2169

**LCD Message**
The system board <name> voltage is outside of range. Contact support

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

### 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

**SubCategory**
VLT = Voltage

**Initial Default.**
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>Power Off</th>
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<td>TRUE</td>
<td>TRUE</td>
<td>TRUE</td>
<td>FALSE</td>
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</tbody>
</table>
Severity: Severity 1 (Critical)

Trap/EventID: 2169

LCD Message: System board <name> voltage is outside of range. Contact support

Initial Default: LC Log

Filter Visibility | IPMI Alert Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

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

SubCategory: VLT = Voltage

Severity: Severity 3 (Informational)

Trap/EventID: 2171

LCD Message: No LCD message display defined.

Initial Default: LC Log

Filter Visibility | IPMI Alert Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

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.

Filter Visibility | IPMI Alert Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
---|---|---|---|---|---|---|---|---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE
Category: System Health
SubCategory: VLT = Voltage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
<th>Reset</th>
</tr>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: VLT = Voltage
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Memory module <number> <name> voltage is outside of range. Contact support
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
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<th>Reset</th>
</tr>
</thead>
<tbody>
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<td>FALSE</td>
<td>FALSE</td>
<td>FALSE</td>
</tr>
</tbody>
</table>

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
SubCategory: VLT = Voltage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off: FALSE
- Power Cycle: FALSE
- Reset: FALSE

#### 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
**SubCategory:** VLT = Voltage
**Severity:** Severity 1 (Critical)
**Trap/EventID:** FALSE
**LCD Message:** Memory module <number> <name> voltage is outside of range. Contact support
**Initial Default:** FALSE

### Filter Visibility
- IPMI Alert: FALSE
- SNMP Alert: FALSE
- Email Alert: FALSE
- LC Log: FALSE
- LCD: FALSE
- Power Off: FALSE
- Power Cycle: FALSE
- Reset: FALSE
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
SubCategory: VLT = Voltage
Severity: Severity 1 (Critical)
Trap/EventID: FALSE
LCD Message: Memory module <number> <name> voltage is outside of range. Contact support
Initial Default: FALSE

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset |
-----------------|-----------|------------|-------------|--------|-----|-----------|-------------|-------|
FALSE            | FALSE     | FALSE      | FALSE       | FALSE  | FALSE| FALSE     | FALSE       | FALSE |

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
SubCategory: VLT = Voltage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE
<table>
<thead>
<tr>
<th>Message</th>
<th>The disk drive bay ( \text{arg1} ) voltage is less than the lower warning threshold.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>( \text{arg1} = \text{name} )</td>
</tr>
<tr>
<td>Detailed Description</td>
<td>System hardware detected an over voltage or under voltage condition. If multiple voltage exceptions occur consecutively the system may power down in failsafe mode.</td>
</tr>
<tr>
<td>Recommended Response Action</td>
<td>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.</td>
</tr>
<tr>
<td>Category</td>
<td>System Health</td>
</tr>
<tr>
<td>SubCategory</td>
<td>VLT = Voltage</td>
</tr>
<tr>
<td>Severity</td>
<td>Severity 2 (Warning)</td>
</tr>
<tr>
<td>Trap/EventID</td>
<td>FALSE</td>
</tr>
<tr>
<td>LCD Message</td>
<td>No LCD message display defined.</td>
</tr>
<tr>
<td>Initial Default</td>
<td>FALSE</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>VLT0213</th>
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<tr>
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<td>Detailed Description</td>
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<tr>
<td>Severity</td>
</tr>
<tr>
<td>Trap/EventID</td>
</tr>
</tbody>
</table>
**VLT0214**

**Message**
The disk drive bay arg1voltage 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

**SubCategory**
VLT = Voltage

**Severity**
Severity 2 (Warning)

**Trap/EventID**
FALSE

**Initial Default**
FALSE

---

**VLT0215**

**Message**
The disk drive bay arg1voltage 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) 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

**SubCategory**
VLT = Voltage
VLT0216

Message
The disk drive bay $arg1$ 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 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

SubCategory
VLT = Voltage

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

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
SubCategory: VLT = Voltage
Severity: Severity 3 (Informational)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

---

VLT0218

Message: The \( \text{arg1} \) voltage is less than the lower 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.

---

VLT0219

Message: The \( \text{arg1} \) voltage is less than the lower 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
SubCategory: VLT = Voltage
Severity: Severity 1 (Critical)
Trap/EventID: 2169
LCD Message: The <name> voltage is outside of range. Contact support
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

VLT0220

Message: The 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
SubCategory: VLT = Voltage
Severity: Severity 2 (Warning)
Trap/EventID: 2170
LCD Message: No LCD message display defined.
Initial Default: LC Log

Filter Visibility | IPMI Alert | SNMP Alert | Email Alert | LC Log | LCD | Power Off | Power Cycle | Reset
--- | --- | --- | --- | --- | --- | --- | --- | ---
TRUE | FALSE | TRUE | TRUE | TRUE | FALSE | FALSE | FALSE | FALSE

VLT0221

Message: The arg1 voltage is greater than the upper critical threshold.
Arguments:
• arg1 = 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.

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
SubCategory: VLT = Voltage
Severity: Severity 1 (Critical)
Trap/EventID: 2169

LCD Message: The <name> voltage is outside of range. Contact support

Initial Default: LC Log

---

VLT0222

Message: The arg1 voltage is outside of range.

Arguments:
- **arg1** = name

---

VLT0223

Message: The arg1 voltage is within range.
Arguments

- \( \text{arg1} = \text{name} \)

Detailed Description
None

Recommended Response Action
No response action is required.

Category
System Health

SubCategory
VLT = Voltage

Severity
Severity 3 (Informational)

Trap/EventID
2171

LCD Message
No LCD message display defined.

Initial Default
LC Log

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

VLT0100

Message
Processor module \( \text{arg1} \text{voltage} \) is less than the lower 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) 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

SubCategory
VLT = Voltage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
<th>Power Off</th>
<th>Power Cycle</th>
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</tr>
</tbody>
</table>
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.

Category
System Health

SubCategory
VLT = Voltage

Severity
Severity 1 (Critical)

Trap/EventID
FALSE

LCD Message
Processor module <name> voltage is outside of range. Contact support

Initial Default.
FALSE

Filter Visibility
IPMI Alert
SNMP Alert
Email Alert
LC Log
LCD
Power Off
Power Cycle
Reset
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE
FALSE

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

SubCategory
VLT = Voltage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE
### VLT0103

**Message**
Processor module 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) 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

**SubCategory**
VLT = Voltage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**Initial Default**
FALSE

---

### VLT0104

**Message**
Processor module arg1 voltage is outside of range.

**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) 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

**SubCategory**
VLT = Voltage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE
**LCD Message Processor module** is outside of range. Contact support

**Initial Default.** FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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</tbody>
</table>

**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

**SubCategory** VLT = Voltage

**Severity** Severity 3 (Informational)

**Trap/EventID** FALSE

**LCD Message** No LCD message display defined.

**Initial Default.** FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</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

**SubCategory** VLT = Voltage
Severity 2 (Warning)
Trap/EventID FALSE
LCD Message No LCD message display defined.
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
<th>LCD</th>
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<th>Power Cycle</th>
<th>Reset</th>
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</table>

VLT0225

Message The memory 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) 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
SubCategory VLT = Voltage
Severity Severity 1 (Critical)
Trap/EventID FALSE
LCD Message Memory module <name> voltage is outside of range. Contact support
Initial Default. FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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VLT0226

Message The memory 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) 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
SubCategory: VLT = Voltage
Severity: Severity 2 (Warning)
Trap/EventID: FALSE
LCD Message: No LCD message display defined.
Initial Default: FALSE

<table>
<thead>
<tr>
<th>Filter</th>
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<th>SNMP Alert</th>
<th>Email Alert</th>
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<th>Power Cycle</th>
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</tbody>
</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 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
**SubCategory:** VLT = Voltage
**Severity:** Severity 1 (Critical)
**Trap/EventID:** FALSE
**LCD Message:** Memory module <name> voltage is outside of range. Contact support
**Initial Default:** FALSE

<table>
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<th>Filter</th>
<th>Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tr>
</tbody>
</table>

**VLT0228**

**Message:** 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

**SubCategory**  
VLT = Voltage

**Severity**  
Severity 1 (Critical)

**Trap/EventID**  
FALSE

**LCD Message**  
Memory module <name> voltage is outside of range. Contact support

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tbody>
</table>

**VLT0229**

**Message**  
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

**SubCategory**  
VLT = Voltage

**Severity**  
Severity 3 (Informational)

**Trap/EventID**  
FALSE

**LCD Message**  
No LCD message display defined.

**Initial Default.**  
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</table>

**VLT0230**

**Message**  
The mezzanine card 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 mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category
System Health

SubCategory
VLT = Voltage

Severity
Severity 2 (Warning)

Trap/EventID
FALSE

LCD Message
No LCD message display defined.

Initial Default.
FALSE

### VLT0231

**Message**
The mezzanine card \textit{arg1} voltage is less than the lower critical threshold.

**Arguments**
\begin{itemize}
  \item \textit{arg1} = number
  \item \textit{arg2} = name
\end{itemize}

**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

**SubCategory**
VLT = Voltage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tbody>
</table>

928
VLT0232

Message The mezzanine card 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 mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

Category System Health
SubCategory VLT = Voltage
Severity Severity 2 (Warning)
Trap/EventID FALSE

LCD Message No LCD message display defined.

Initial Default. FALSE

Filter Visibility IPMI Alert SNMP Alert Email Alert LC Log LCD Power Off Power Cycle Reset
FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE

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
SubCategory VLT = Voltage
Severity Severity 1 (Critical)
Trap/EventID FALSE

LCD Message No LCD message display defined.
**VLT0234**

**Message**
The mezzanine card 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 mezzanine card. 3) If the problem persists, contact technical support. Refer to the product documentation to choose a convenient contact method.

**Category**
System Health

**SubCategory**
VLT = Voltage

**Severity**
Severity 1 (Critical)

**Trap/EventID**
FALSE

**LCD Message**
No LCD message display defined.

**Initial Default.**
FALSE

<table>
<thead>
<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
<th>Email Alert</th>
<th>LC Log</th>
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</tbody>
</table>

**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

**SubCategory**
VLT = Voltage
<table>
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<tr>
<th>Filter Visibility</th>
<th>IPMI Alert</th>
<th>SNMP Alert</th>
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