Lifecycle Controller 2
Version 1.1.5

Release Notes

Release Notes

Lifecycle Controller 2

An out-of-band mechanism for configuring the platform, applying firmware updates, saving a system inventory, or deploying an operating system, either by using a GUI or a remote scripting language. Lifecycle Controller 2 GUI provides advances embedded systems management and is delivered as part of Integrated Dell® Remote Access Controller 7 (iDRAC7) version 1.40.40. The GUI enables remote systems management in a one-to-one method.

Version

Lifecycle Controller 2 version 1.1.5

Release Date

June, 2013

Previous Version

Lifecycle Controller 2 version 1.1.1

Importance

RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system Modules (firmware, BIOS, drivers and software).

Platform(s) Affected

LC2 is supported on the following systems:
- PowerEdge T320
- PowerEdge R320
- PowerEdge T420
- PowerEdge R420
- PowerEdge M420
- PowerEdge R520
- PowerEdge M520
- PowerEdge T620
- PowerEdge R620
- PowerEdge M620
- PowerEdge R720
- PowerEdge R720xd
- PowerEdge R820
- PowerEdge M820
- PowerEdge M620(VRTX)
- PowerEdge M520(VRTX)

What is Supported?

Supported Systems and Operating Systems

- For the list of supported systems, contact your service provider.
- For the list of PowerEdge systems and operating systems that can be deployed on the target systems, contact your service provider.
- For more information about supported versions of VMware ESX and ESXi on PowerEdge systems, contact your service provider.

Supported Web Browsers

Not applicable

What's New?

- Support for the new operating systems. For a list of supported operating systems, contact your Service provider.
- Support for the new Broadcom cards as listed here:
  - Broadcom 57840S Quad Port 10G SFP+ Rack NDC
  - Broadcom 57840S-k Quad Port 10GbE Blade KR

Fixes

BITS059848	While doing part replacement, NPAR configuration is not updated on the replaced part.
BITS073641	After FW update of CPLD, when the current version is viewed, LC is showing the earlier updated date.
BITS074958	Broadcom, Intel, and Qlogic DUP Update cannot be completed from the USC.
BITS071806	If a work note is added with double quotation marks, LifeCycle Log shows junk characters.
BITS067216	When IDRAC DUP is updated from the USC, the Firmware Updates operation stops responding.
BITS052993	Hardware Inventory does not show complete information about NIC.
BITS060879	USC is showing incorrect message about disabling S110 on the OSD page.
BITS059062	Release Notes shows the incorrect version in Lifecycle controller.
BITS052576	System stops functioning while updating the iDRAC by using the USC.
BITS080320	Delta 550W PSU firmware is not updating from iDRAC GUI and USC.
BITS080657	If REBRAND Image is installed, RSOD is observed while launching USC.
BITS080047	When the Export Server Profile link is clicked, LC will stop responding.

Important Notes

- License Requirements:
  - Software licensing has replaced hardware licensing. For more information, see the *iDRAC7 User's Guide*.
  - Many features in Lifecycle Controller are licensed. You must install the required license to use these features. For more information, see the Introduction section in the *Lifecycle Controller 2 1.1 User's Guide*.
- The drivers exposed by Lifecycle Controller are present in a read-only hard disk drive, labeled OEMDRV, which are active for 18 hours. During this period:
  - You cannot update any DUP.
  - Lifecycle Controller cannot invoke CSIOR.

  However, if an AC power cycle (cold boot) is performed, the OEMDRV drive is automatically deleted.
- To log the update events in the Lifecycle Log, make sure that the installed versions of Lifecycle Controller and iDRAC are from the same release.
- If Lifecycle Controller and iDRAC are not from the same release, the Lifecycle Log displays blank messages and messages with a "~" character.

Known Issues

Issue 1
Description
If FlexAddress is enabled on Chassis Management Controllers, iDRAC and Lifecycle Controller do not display the same MAC addresses.

Resolution
To view the chassis-assigned MAC address, use the iDRAC Web interface or the CMC Web interface. Go to **General**-> **Network Settings**.

Versions Affected
All the LC2–supported Dell PowerEdge systems.

Issue 2
Description
Deployment of Windows operating system may intermittently stop with the following error message:
```
A required CD/DVD drive device driver is missing. If you have a driver floppy disk, CD,
DVD, or USB flash drive, please insert it now.
```

Resolution (only for logging on to iDRAC7 Web interface)
Reboot to Lifecycle Controller and retry until the operating system is successfully deployed.

Versions/Systems Affected
Lifecycle Controller 2 version 1.1.5

Issue 3

Description

While deploying Windows Server 2008 R2 SP1 from OS Deployment of Lifecycle Controller, installation stops with the following error:

```
There is no disk in the drive. Please insert a disk into drive \Device\Harddisk0\DR0.
```

This issue may occur due to any of the following reasons:

- Virtual Media is in the attached state, with no media mapped.
- Virtual Media is in the auto-attached state, with media mapped.
- Virtual Media being presented by the AVCT SIP and Virtual Media from iDRAC7 in the detached state.
- The underlying cause may be due to failure to load drivers for RAID controllers on the system.

NOTE: It does not occur with Virtual Media in the detached state. It also does not occur without the SIP and with Virtual Media in the detached from iDRAC7.

Resolution

Retry the operation.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Issue 4

Description

Some of the supported components are not displayed on the **Firmware Update**-> **View Current Versions** page.

Resolution

Reboot the system and open **View Current Versions** page.

Versions/Systems Affected

All

Issue 5

Description

For an Intel Ethernet X520 10GbE Dual Port KX4-KR Mezzanine card, after the firmware is downgraded from version 14.0.12 to version 13.5.6, the View Current Versions page displays the firmware version for the card as 5.6 instead of 13.5.6.

Resolution

Update the firmware by running the Update Package through the operating system.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitations

Limitation 1

Description

The following characters are supported for 'User Name' and 'Password':

- Digits (0–9)
- Alphanumeric (a–z, A–Z)
- Hyphen (-)

Note: For 'Domain Name', a period (.) is allowed. For example, 'x123.com'.

Versions/Systems Affected

All

Limitation 2

Description

While updating iDRAC firmware using a tool other than Lifecycle Controller, Lifecycle Controller must not be open or running, because it results in an unknown behavior. Use Lifecycle Controller after the firmware is successfully updated.

Versions/Systems Affected

All

Limitation 3

Description

If the iDRAC firmware update is interrupted for any reason, wait for 30 minutes before attempting another firmware update.

Versions/Systems Affected

All

Limitation 4

Description

Only Windows operating system can be deployed on systems with a software RAID controller.

Versions/Systems Affected

All

Limitation 5

Description

Firmware update is supported for certain types of Fiber Channel cards. For the list of components that can be updated, see the *Lifecycle Controller 2 User's Guide*.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitation 6

Description

Rollback is not supported for CPLD.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitation 7

Description

To apply the license after updating a license, make sure to relaunch Lifecycle Controller.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitation 8

Description

On some modular systems, after a Firmware Update, the Lifecycle Log displays the date in the time stamp as 1999-12-31, instead of the date on which Firmware Update was performed.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitation 9

Description

While viewing the current hardware inventory, some properties related to a device installed in the PowerEdge VRTX system are not displayed.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitation 10

Description

After the CPLD firmware is updated on modular servers, on the **View Current Versions** page, under Firmware update, the firmware update date is displayed as 2000-01-01, regardless of the actual update date. The updated date and time is displayed on the basis of time zone that is configured on the server.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Limitation 11

Description

The ISCSI offload feature can be enabled only on two of the available four ports. If the ISCSI offload attribute is enabled on a card, and is replaced by another card whose ISCSI offload mode is also enabled on the other two ports, an error is thrown. The Firmware will not allow the attribute to be set, because it is already set on the other two ports.

Versions/Systems Affected

Lifecycle Controller 2 version 1.1.5

Installation

Prerequisites

iDRAC7 version 1.40.40.

Installation Instructions

For information about installation, see the *Lifecycle Controller 2 User's Guide*.

Contacting Dell

Note: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Visit **www.dell.com/support**.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down menu at the top of page.
4. Select the appropriate service or support link based on your need.

For information about documentation support:

1. Go to dell.com/support/manuals.
2. In the **Tell us about your Dell system** section, under **No**, select **Choose from a list of all Dell products** and click **Continue**.
3. In the **Select your product type** section, click **Software, Monitors, Electronics & Peripherals**.
4. In the **Choose your Dell Software, Monitors, Electronics & Peripherals** section, click **Software**.
5. In the **Choose your Dell Software** section, click the required link from the following:

   - Client System Management
   - Enterprise System Management
   - Remote Enterprise System Management
   - Serviceability Tools

6. To view the document, click the required product version.

NOTE: You can also directly access the documents using the following links:

   - For Client System Management documents — **dell.com/OMConnectionsClient**
   - For Enterprise System Management documents — **dell.com/openmanagemanuals**
   - For Remote Enterprise System Management documents — **dell.com/esmmanuals**
   - For Serviceability Tools documents — **dell.com/serviceabilitytools**