

Dell Lifecycle Controller  
Integration for  
Microsoft System Center  
Configuration Manager  
Version 2.0.1

## Readme





Dell Lifecycle Controller Integration (DLCI) for Microsoft System Center Configuration Manager enables the administrators to use the Configuration Manager console to leverage the remote enablement capabilities of Dell Lifecycle Controller (LC), available as part of the integrated Dell Remote Access Controller (iDRAC).

## What's New

- Support for Dell's 12th Generation PowerEdge Servers
- Support for Microsoft System Center 2012 Configuration Manager
- Support for deployment of Red Hat Enterprise Linux Version 6.2, VMware ESXi 5 HDD, and VMware ESXi 5 U1 HDD

## Software Requirements

- System Center 2012 Configuration Manager or System Center Configuration Manager 2007
- Dell Server Deployment Pack 2.0 (DSDP 2.0)
- On Microsoft Windows Server 2008 and Microsoft Windows Server 2008 R2 systems where you have installed the provisioning server, Install Windows Remote Management (WinRM).

## Installation

For installation instructions, see Dell Lifecycle Controller Integration Version 2.0.1 for Microsoft System Center Configuration Manager Installation Guide.

## Supported Target Systems and Operating Systems

For the list of Dell systems and operating systems deployable on the target systems, see the User Guide of Dell Lifecycle Controller Integration Version 2.0.1 for Microsoft System Center Configuration Manager.

## Notes

- When you deploy an operating system on a target system with iDRAC configured in a shared network mode, the Windows PE environment may fail to startup on the network drivers, causing the system to restart before reaching the task sequence.
- If the Lifecycle Controller of a system is in use, the system is not discovered.
- If the iDRAC version is older than the supported versions in any of the target systems, the Boot to vFlash option in the Deploy Operating Systems workflow may fail.
- When you are deploying an operating system using the Launch Config utility, the advertisements of the task sequence are not displayed on the screen.
- If the target system has an older version of BIOS that does not support a particular method, the following error message is displayed in the DLCTaskManager.log file: "Installed BIOS version does not support this method."
- If the Lifecycle Controller of the target system is locked by another process, the following error message is displayed in the DLCTaskManager.log file: "Lifecycle Controller is being used by another process."
- If you do not enter the service tag name of the target system correctly, the discovery and handshake fails and the following error message is displayed:
- "[Server Name] - Handshake - getCredentialsInternal():[Server Name]: NOT AUTHORIZED: No credentials returned."

- To deploy Microsoft Windows Server 2003 operating systems using the Apply Drivers from LC option, ensure that there is a fallback step to install drivers from Configuration Manager, else the deployment fails.
- During Discovery and Handshake, the DPS.log displays an empty "Site code:" followed by a cryptography exception.
- During Discovery and Handshake, the DPS.log displays numerous messages "createDellCollecions() Either Connection Mgr param is NULL or Collection not yet created."
- The System Viewer utility does not display the latest RAID configuration. To view the latest configuration re-launch the System Viewer utility.
- The modular systems cannot use the hostname in the path to the Common Internet File System (CIFS) share but monolithic systems can use the hostname. Use the IP address instead of hostname.
- After deploying Non-Windows Operating System using DLCI the service tag of system name is displayed as Hostname in configuration manager console.

## Open Issues and Resolutions

### Issue 1

**Description** - During installation of DLCI, the Configuration Manager credentials specified are not validated. Installation will succeed and an error in import.log will indicate the same. Use DPS configure utility (import.exe) to specify the correct credentials before proceeding with discovery of servers.

### Issue 2

**Description** - The Advertise option does not appear in an existing task sequence after uninstalling and reinstalling DLCI for Configuration Manager. To advertise the task sequence, edit the task sequence and correct if there are any errors.

### Issue 3

**Description** - If Active Directory(AD) authentication is used for communicating with iDRAC on modular servers, ensure the iDRAC version is upgraded to 3.32.

**Versions Affected** - DLCI 2.0.1 with 11G iDRAC 3.30 (or earlier).

### Issue 4

**Description** - If the host system has Lifecycle Controller version 1.5, ensure that while configuring username as part of iDRAC configuration, the username length is less than 16.

**Versions Affected** - DLCI 2.0.1 with 11G Lifecycle Controller 1.5

### Issue 5

**Description** - If the host system is 11G server and has Lifecycle Controller version 1.5, RAID configuration of H200 controller using DLCI 2.0.1 does not work correctly.

**Resolution** - Upgrade to Lifecycle Controller firmware version 1.5.1.

**Versions Affected** - DLCI 2.0.1 with 11G Lifecycle Controller 1.5

## Issue 6

**Description** - To perform firmware updates from ftp.dell.com for PowerVault NX300 systems ensure that 1G Lifecycle Controller version is 1.5.1 or higher.

## Issue 7

**Description** - While performing Import Dell Servers if the Dell Connections License Manager has Unlimited number of licenses then soon after Authentication to iDRACs the next page on Import Dell Server Wizard shows all non licensed servers as Licensed. But completing the Import Process does not acquire more than one license for any server.

### Resolution

### Versions Affected

## Issue 8

**Description** - While applying minimum bandwidth on Qlogic Partitionable NIC cards, if the summation of minimum bandwidth on all partitions of a port reaches more than 100 the apply operation will fail. Ensure that you apply 0 on all partitions as minimum bandwidth before applying any other values.

### Resolution

### Versions Affected

## Issue 9

**Description** - BIOS Configuration will fail when it is done for the second time if 11G server has either 1.9 (monolithic) or 3.4 (modular) version of iDRAC firmware. Ensure you upgrade the iDRAC firmware level to 1.92(monolithic) or 3.42 (modular).

## Issue 10

**Description** - In DLCI for Configuration Manager version 1.3 or version 2.0, if Platform Restore is run on a collection where servers are identified by hostname (instead of service tag) and the server profiles are exported to a share, then to import the server profiles after upgrading to DLCI 2.0.1.

1. Open the share location where profiles are exported.
2. For the filename formats <prefix>-<hostname>. Rename the filename format to <prefix>-<servicetag>.
3. Do step 2 to all exported files.

## Issue 11

**Description** - In DLCI for Configuration Manager 1.3 or version 2.0, in the System Viewer utility, the cached network paths in the Export Lifecycle Controller Logs, Firmware Update, and Platform Restore workflows saved after hostname is changed are not retained after upgrading to DLCI 2.0.1.

## Issue 12

**Description** - If you have scheduled a firmware update in DLCI for Configuration Manager version 1.3 or version 2.0, and the hostname is changed (due OS deployment), then after upgrade to DLCI 2.0.1, the firmware update schedule will not run.

**Resolution** - Configure the firmware update schedule and run the schedule again.

## Issue 13

**Description** - In case of remote installation of DPS if "Repair" action is executed then to perform Auto Discovery of servers:

1. Uninstall and install the DPS component.

OR

2. You can edit the registry entry. Open REGEDIT and traverse to "HKLM\SOFTWARE\DELL\Provisioning Service\Repository"(For 32-bit systems) or "HKLM\SOFTWARE\Wow6432Node\DELL\Provisioning Service\Repository" (for 64-bit systems) set the value of "RemoteInstallPath" to "<Configuration Manager Admin Console Install Directory>\XmlStorage\Extensions\DLPlugin"

## Issue 14

**Description** - Before installing Dell Provisioning Server for Configuration Manager 2012 component of DLCI on a system having Windows Server 2008 or a lower version of the Windows operating system, ensure that .NET version 3.5 is installed.

## Issue 15

**Description** - (Recommended) To install a non-Windows operating system on a server that is already installed with Windows operating system and Configuration Manager Client is configured; before installing the Non-Windows OS, delete and reimport the server from Configuration Manager.

# Corrected Problems

The following problems were reported in earlier releases of <XXX> and have been corrected in this release:

## Issue 1

**Description** - Before starting Hardware Configuration and Operating System Deployment or a Firmware Update task on a collection or a system, ensure that there are no tasks currently running for the collection.

## Issue 2

**Description** - If servers are discovered using Autodiscovery method with Dell Connections License Manager configured and acquired licenses from an admin console for the first time (site server did not acquire any license) then Managed collection does not get created. Servers are moved out of Unmanaged collection (OS unknown) to All Dell Lifecycle controller collection but Managed collection does not get created. Ensure that you run acquired licenses on site server.

# Global Support

For information on technical support, visit [www.dell.com/contactus](http://www.dell.com/contactus).

For more information on the resolutions for the above issues, see the Issues and Resolutions section of the Dell Lifecycle Controller Version 2.0.1 For Microsoft System Center Configuration Manager User's Guide, available on the Dell Support site at [support.dell.com/manuals](http://support.dell.com/manuals).

For information on documentation support, visit [support.dell.com/manuals](http://support.dell.com/manuals). On the **Manuals** page, click **Software ->Systems Management**. Click on the specific product on the right-side to access the documents.

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