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Dell Lifecycle Controller Integration version 1.2 for
Microsoft System Center Configuration Manager 2007
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Version 1.2
Release Date: January 2011

This file contains updated information for the Dell Lifecycle
Controller Integration version 1.2 for Microsoft System
Center Configuration Manager (ConfigMgr) 2007.

The Dell Lifecycle Controller Integration documentation includes the
Dell Lifecycle Controller Integration Version 1.2 for Microsoft
System Center Configuration Manager User's Guide.

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Criticality
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* Recommended

It is recommended that you review the new features for this in the
Release Highlights below to determine if it applies to your system.
This version contains changes that may impact
only certain configurations and also provides new features.

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COMPATIBILITY/MINIMUM REQUIREMENTS
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This section provides information about the minimum requirements for
installation and using Dell Lifecycle Controller Integration for

Microsoft System Center Configuration Manager 2007.

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REQUIREMENTS
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Dell Lifecycle Controller Utility
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Hardware Requirements
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For information on the hardware requirements for SCCM, see the
Configuration Manager documentation available at the following location:
http://technet.microsoft.com/hi-in/library/bb680651(en-us).aspx

Software Requirements
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* Operating system is Microsoft Windows 2003 SP1 or later
* Microsoft System Center Configuration Manager 2007
* Regsrv32.exe is present
* Microsoft .NET version 3.5 SP1 is installed
* Latest version of WinRM is installed
* Dell Server Deployment Pack 1.1 or later is installed
* Windows Automation Install Kit (Windows AIK) is installed


-------------------------------------------------------------------------
Dell Provisioning Server
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Software Requirements
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* Operating system is not Microsoft Windows 2003 64-bit
* Operating system is Microsoft Windows 2003 SP2 or later
* Either Internet Information Services (IIS)6 or IIS7 is installed
* IIS WMI compatibility is enabled on IIS7
* IIS6 WMI Metabase compatibility is enabled on IIS7
* icacls.exe is present
* The system is in the same domain as the system where you have installed
  ConfigMgr and DLCU.



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SUPPORTED TARGET SYSTEMS AND OPERATING SYSTEMS
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For the list of supported target systems and the operating systems
(Windows only) that you can deploy on the target systems, see the
USC/USC-LCE - Supported Dell Systems and Operating Systems matrix
on support.dell.com/manuals. On the Manuals page, click Software –>
Systems Management –> Dell OpenManage Releases. Select the OpenManage
release version relevant to you and click the appropriate link.
Click Dell System Software Support Matrix –> Dell System Software Support Matrix –>
View –> Supported Dell Systems and Operating Systems.
In the matrix view the target systems and operating systems that are supported
by Unified Server Configurator – LC Enabled (USC-LCE).


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SUPPORTED iDRAC VERSIONS ON TARGET SYSTEMS
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The recommended iDRAC versions are:

* iDRAC version 1.50 and higher for Monolithic systems
* iDRAC version 3.02 and higher for Modular systems

The minimum supported iDRAC versions are:

* iDRAC version 1.2 for Monolithic systems
* iDRAC version 2.2 for Modular systems

Note: To use the new features that are included in DLCI version 1.2,
you must have the latest firmware versions for Monolithic and Modular
systems available on the Dell Support website at support.dell.com.


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SUPPORTED OPERATING SYSTEMS
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DLCI installation consists of installing two components, which are the
Dell Provisioning Service (DPS), and the Dell Life Cycle Controller
Utility (DLCU) feature. For more information on the supported operating
systems for DPS, DLCU, and the Admin Console, see the support matrix
provided in the Dell Lifecycle Controller Integration User's Guide.


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RELEASE HIGHLIGHTS
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* The System Viewer utility that enables you to:
  - View and edit the hardware configuration profile of the system
  - View and create a RAID configuration profile of the system
  - View, compare, and update the firmware inventory of the system
  - Compare the hardware configuration profile of the system to an existing profile
  - Export Lifecycle Controller logs
  - View the hardware inventory of the system

  Note: For Hardware Configuration, this release of DLCI supports only
  BIOS, BootSequence, and RAID configuration.

* The Launch Config Utility now enables you to view, compare, and update firmware
  of a collection of systems, and also view the hardware inventory of the
  collection of systems.

* Ability to launch the iDRAC console from the Task Viewer and from a
  system in the collection.

* Improved Task Viewer usability.

* The DLCI Installer now has the Upgrade, Modify, and Repair options.

* Support for SCCM 2007 R3.

* Internationalization support.


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INSTALLING/UNINSTALLING/UPGRADING/MODIFYING/REPAIRING DLCI 1.2
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For information on installing, uninstalling, upgrading, modifying, or repairing
the Dell LifeCycle Controller Integration for ConfigMgr, see the
Dell Lifecycle Controller Integration Version 1.2 for
Microsoft System Center Configuration Manager User's Guide


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KNOWN ISSUES

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* 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.

* The Create Lifecycle Controller Boot Media option may fail if you have not
  specified local folder locations for the source and destination folders.

* 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.

* While deploying Microsoft Windows 2008 R2 from ConfigMgr SP1
  R2 with Windows Automated Installation Kit (Windows AIK) 1.1,
  the following error message is displayed "Operation failed
  with 0X80070002. The system cannot find the file specified."

* 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".

* When you deploy Microsoft Windows Server 2003 operating systems and you select the Apply Drivers from LC option, a blue screen is displayed or 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 "createDellCollecions() Either Connection Mgr param is NULL or Collection not yet created" messages.

* When an account is cloned from an existing account in ConfigMgr, it is not automatically added to the SMS_Admins group.

* Installation fails while installing DLCI for ConfigMgr version 1.2 on Microsoft Windows 2008 32-bit SP2 with the User Account Controller (UAC) option turned on.

* The Advertise option does not appear in an existing task sequence after uninstalling and reinstalling DLCI for ConfigMgr.

* The System Viewer utility does not display the latest RAID configuration.

* The Modular systems cannot use the hostname in the path to the CIFS share but monolithic systems can use the hostname.

For more information on the resolutions for the above issues, see the Issues and Resolutions section of the Dell Lifecycle Controller Version 1.2. For Microsoft System Center Configuration Manager User's Guide, available on the Dell Support site at support.dell.com/manuals.

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