

Dell Server Deployment Pack 3.0

Release Notes

Release Type and Definition

Dell Server Deployment Pack 3.0 for Microsoft System Center Configuration Manager

Dell Server Deployment pack configures the server's Dell Remote Access Controller (DRAC), integrated Dell Remote Access Controller (iDRAC), RAID, and BIOS using INI files and Command Line Interface (CLI) options. You can also configure RAID using the Array Builder Wizard.

Version:

3.0

Release Date:

September 2014

Previous Version:

2.1 SP02 (2.1.0.2)

Importance

OPTIONAL: Dell recommends the customer review specifics about the update to determine if it applies to your system. The update contains changes that impact only certain configurations, or provides new features that may/may not apply to your environment.

Platform(s) Affected

For information on the platforms affected, see the Installation Guide, which is part of the Dell Server Deployment Pack 3.0 download package.

What's New

- Support for Dell's 13th generation PowerEdge systems.
- Support for "Dell OpenManage Deployment Toolkit (DTK) 5.1".
- Supporting Distributed SCCM setup.
- Support XML input for iDRAC and BIOS configuration.
- Supporting static IP address assignment in pre-OS environment without DHCP support.

What is Supported

For information on the hardware and software requirements; installing and uninstalling Dell Server Deployment Pack 3.0, or upgrading from Dell Server Deployment Pack 2.1.0.2, see the Installation Guide, which is part of the Dell Server Deployment Pack 3.0 download package.

Supported Target Systems and Operating Systems

For the list of Dell systems and operating systems (Windows only) that you can deploy on the target systems using Dell Server Deployment Pack, see the "Supported Dell OpenManage Systems Management Software" section in the "Dell Systems Software Support Matrix" available at dell.com/support/manuals.

- On the site select the product type and navigate to this location: Software, Monitors, Electronics & Peripherals > Software > Enterprise System Management > OpenManage Software.
- Select the relevant OpenManage release version and click Dell System Software Support Matrix.

Fixes

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

- Dell Bare metal Deployment task fails when Management Point (MP) role is not installed on Site server.
- DSDP does not work properly in setup with multiple Systems Management Server (SMS) providers.

Important Notes

In iDRAC network settings, if the "Auto config Domain Name" is enabled for a target, then the task sequence "Static DNS Domain Name" used for configuring iDRAC will fail to set the configuration; however, the task sequence will not report any error, and the next task will continue to run. To avoid this issue, before you run the task sequence, in iDRAC network settings, clear "Auto config Domain Name".

- In the task sequence, it is recommended that you do not move or delete these Custom Action steps - "Restart in WinPE", "SetRebootStep", "Reboot to PXE/USB", Second "Format and Partition" step, "Setup windows and ConfigMgr," and "Reset RebootStep".
- On a client machine, a task will fail if the Dell Remote Access Controller "Virtual Flash" is set to "enabled". To prevent this failure, ensure that the "Virtual Flash" is set to "disabled" when a task is executed on the client machine.
- After an operating system is deployed, ensure that the installed mass-storage driver is same as that specified in the Task Sequence. If you find any differences, update the driver manually.
- In Array Builder, you cannot delete the logical drive under Non-RAID disks.
- When DSDP is being uninstalled on Windows Server 2008 operating system, a message displays that a reboot is required to complete the setup. Ignore this message and click "OK" to complete the uninstallation.
- DSDP 3.0 does not support Dell's 9th generation PowerEdge systems.
- DSDP 3.0 does not support SCCM 2007

History of Previous Release Notes

Using OS Deployment tasks from multiple Original Equipment Manufacturers (OEMs) within the same task sequence.

Scenario: To create a task sequence in Configuration Manager that performs system hardware configuration and operating system deployment, and works on multiple hardware platforms, enabling you to add Original Equipment Manufacturer (OEM) hardware configuration steps from more than one vendor into the same task sequence.

Note: All the following references to OEMs do not include Dell.

Issue: The OEM add-ons for system hardware configuration utilize pre-configured templates to arrange steps in the task sequence in a proper order. When you add a new OEM step into a task sequence, it first checks to see if the task sequence already has any OEM steps in it. If there are no steps, it prompts you for automatic configuration of the steps. In certain cases, such as the addition of a "Reboot to PXE or USB" step, if you do not allow the automatic reconfiguration, it will fail.

In the first released version of the integration components on which the OEM hardware configuration add-ins are built, the Form checks for pre-existing OEM task steps, but does not check for other existing OEM steps. This causes an issue where adding one OEM step to an existing task sequence created by another OEM's automatic configuration causes the newly-added step to be taken as the first OEM step in the task sequence.

In case of the hardware configuration step, cancel the reconfiguration because it would still add a valid task step to the sequence. However, if you are adding a "Reboot to PXE or USB" step, canceling the automatic reconfiguration will leave the task step un-configured and invalid. Accepting the Reconfiguration will re-apply the original grouping and reorganization to the task sequence, which will also render it invalid.

Solution: The initial OEM release works correctly on its own and subsequent versions of the underlying integration components will check for existing steps from any OEM. Therefore, ensure that you use the following procedure for using steps from multiple OEMs in a task sequence:

1. Create a new task sequence with OEM configuration steps (preferably, use the right-click action on the "Task Sequences" node).
2. You can now add steps from any OEM into a task sequence and it will be handled correctly.

Software Requirements

System Center 2012 R2 Configuration Manager or System Center 2012 SP1 Configuration Manager or System Center 2012 Configuration Manager.

Installation Instructions

Extract Files:

1. Click Browse and navigate to the self-extractable zip file that you downloaded.
2. Double-click on the zip file to extract the downloaded package.
3. Click Continue.
4. Specify the location to extract the files.
5. Click OK to extract files. After the files are extracted the following message is displayed:
All files were successfully unzipped.
6. Click OK to exit.

Installation

Browse to the folder where the files are extracted and refer the installation guide.

Installation and Configuration Notes

For installation or update procedure related information, see the "Dell Server Deployment Pack Version 3.0 for Microsoft System Center Configuration Manager Installation Guide."

Accessing Documents from Dell Support Site

You can access the required documents in one of the following ways:

- Using the following links:
 - For Enterprise Systems Management documents — dell.com/openmanagemanuals
 - For all Systems Management documents — dell.com/softwaresecuritymanuals
 - For Remote Enterprise Systems Management documents — dell.com/esmmanuals
 - For Client Systems Management documents — dell.com/clientsystemsmanagement
 - For Serviceability Tools documents — dell.com/serviceabilitytools
 - For OpenManage Connections Enterprise Systems Management documents — dell.com/OMConnectionsEnterpriseSystemsManagement
 - For OpenManage Connections Client Systems Management documents — dell.com/connectionsclientsystemsmanagement
- From the Dell Support site:
 1. Go to www.dell.com/support/manuals.
 2. Under General support section, click Software & Security.
 3. In the Software & Security group box, click the required link from the following:
 - Serviceability Tools
 - Enterprise Systems Management
 - Client Systems Management
 - Remote Enterprise Systems Management
 - Connections Client Systems Management
 4. To view a document, click the required product version.
- Using search engines:
 - Type the name and version of the document in the Search box.

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.

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