

DELL(TM) SERVER DEPLOYMENT PACK FOR MICROSOFT(R) SYSTEM CENTER
CONFIGURATION MANAGER
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Note: All instances of DELL DEPLOYMENT PACK FOR MICROSOFT SYSTEM CENTER CONFIGURATION MANAGER is now known as DELL SERVER DEPLOYMENT PACK(DSDP) FOR MICROSOFT SYSTEM CENTER CONFIGURATION MANAGER (ConfigMgr).

Version: 1.1
Release Date: July 2009

This file contains updated information for the “Dell(TM) Server Deployment Pack for Microsoft(R) System Center Configuration Manager (ConfigMgr).”

The Dell Server Deployment Pack documentation includes the “Dell Server Deployment Pack for Microsoft System Center Configuration Manager User's Guide.”

CONTENTS
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- * Criticality
- * Compatibility/Minimum Requirements
- * Installation
- * Known Issues

CRITICALITY
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3 - Optional

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

COMPATIBILITY/MINIMUM REQUIREMENTS
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The following subsections list the supported systems and operating Systems that are compatible with the Dell Server Deployment Pack for Microsoft System Center Configuration Manager Version 1.1.

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SUPPORTED SYSTEMS
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The Dell Server Deployment Pack 1.1 supports the following Dell PowerEdge(TM) systems:

800, 830, 840, 850, 860, 1850, 1855, 2800, 2850, 6800, 6850, 1900, 1950, 1955, 2900, 2970, 6950, SC1435, 2950, T105, R200, R900, R805, M600, M605, T605, R300, T300, M805, M905, R905, R610, R710, T610, R410, T410, T710, M610, T710 and M710.

The Dell Server Deployment Pack 1.1 supports the following Dell PowerVault(TM) systems:

0100, 0500, 0600, NX1950 and DL2000.

SUPPORTED OPERATING SYSTEMS

Site Server Operating Systems:

- * Microsoft Windows Server(R) 2003 x86, x64 Edition SP2 and SP2 R2
- * Microsoft Windows Server(R) 2008 Standard and Enterprise Editions (x86) and (x64)

Admin Console Operating Systems:

- * Microsoft Windows Server 2003 x86, x64 Enterprise Edition
- * Microsoft Windows Server 2008 x86, x64 Enterprise Edition
- * Microsoft Windows XP(R) SP2 x86
- * Microsoft Windows Vista(R) Business Edition x86
- * Microsoft Windows XP(R) SP3 X86
- * Microsoft Windows Vista(R) Business SP1 x86

INSTALLATION/UNINSTALLATION PREREQUISITES

Before installing Dell Server Deployment Pack components, ensure that:

- * you have the Dell Server Deployment Pack Microsoft Windows Installer (MSI) package file
- * you have ConfigMgr 2007 SP1 or ConfigMgr 2007 R2 installed
Note: New features of ConfigMgr 2007 R2 is not supported in DSDP.
- * the version of default “boot image” present in the installed ConfigMgr package is “6.0.6001.18000.”
Note: This release will not support the WinPE 3.0 boot image
- * ConfigMgr is not running during DDP installation and uninstallation
Note: After you confirm, DSDP will close ConfigMgr during installation.
- * Ensure that the compatibility mode is set to 90 (SQL server 2005) if

the ConfigMgr site database is SQL Server 2008 to prevent the installation of DSDP from failing.

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IMPORTANT INFORMATION
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Upgrade:

Task Sequences created in Microsoft System Center Configuration Manager (ConfigMgr) for Bare Metal Deployment using the template provided as part of the Dell Server Deployment Pack (DSDP) 1.0 will cease to work after upgrading to Dell Server Deployment Pack (DSDP) 1.1. To get these Task Sequences working again after the upgrade, perform the following steps for each such Task Sequence:

1) Edit the Task Sequence created using Bare Metal Template that were created before upgrade. It will indicate errors by displaying a red-X (missing icon) for "Diskpart clean" step.

Select the "Package" by clicking the "Browse" button and select "Dell PowerEdge Custom Reboot Script 1.1" package under "Dell PowerEdge Deployment".

2) Right-click the Task Sequence, and select "Properties". Go to "Advanced" tab and select the Boot Image by clicking the "Browse" Button, and then select "Dell PowerEdge Server Deployment Boot Image(x86) 1.1" under "Dell PowerEdge Server Deployment".

Any new task sequence created AFTER the upgrade has no issues.

Using OS Deployment tasks from multiple 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 references to OEMs below 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 result in failure.

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 cause the newly-added step to be taken as the first OEM step in the task sequence.

In the case of 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:

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

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INSTALLATION  
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Before you proceed, ensure that you are logged in as administrator on the system where you want to install the Dell Server Deployment Pack.

Note: If you are running Windows Server 2008 or Windows Vista, open the command prompt using the "Run As Administrator" option, navigate to the MSI location and launch it through the command prompt.

To install the Dell Server Deployment Pack:

1. Download the “Dell_Server_Deployment_Pack_for_ConfigMgr_1.1_Axx.msi” (where xx is the Dell Server Deployment Pack revision number) to the local drive on your system.
2. Double click the .msi package.
3. If this is an upgrade from DSDP 1.0 to 1.1 a confirmation message

is shown on the upgrade of the product. Click "Yes" to install DSDP 1.1 or "No" to quit.

Note: The "Welcome" screen displays during a fresh installation of DSDP 1.1.

4. The "Welcome" screen for Dell Server Deployment Pack displays. Click "Next".
5. The license agreement displays. Select "I accept the terms in the license agreement." Click "Next."
6. The "Setup Type" screen displays. Select the type of installation on this screen.
NOTE: Dell recommends that you select the "Complete" option.
7. The "Ready to Install the Program" screen displays. Click "Install."
8. The "Installing Dell Server Deployment pack for Configuration Manager 2007" progress screen displays.
9. The "Installation Completed Successfully" screen displays. Click "Finish."

The Dell Server Deployment Pack is installed on your system.

KNOWN ISSUES
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Task Sequence Issues/Limitations:

- * It is recommended that you do not move or delete the "Restart in WinPE," "SetRebootStep," "Reboot to PXE/USB," Second "Format and Partition" step, "Setup windows and Configmgr," and "Reset RebootStep" Custom Action steps in the task sequence.
- * The task will fail if the Dell Remote Access Controller "Virtual Flash" is set to "enabled" on the client machine. To prevent this, ensure that the "Virtual Flash" is set to "disabled" when the task is executed on the client machine.
- * Installation of Windows Server 2003 operating system will fail if the mass storage driver to be installed is not selected in the task Sequence. To do this in the "Apply Driver Package" step ensure that you select the Mass Storage Driver that is required for the operating system installation.
- * A new set of boot images will be installed on the system while upgrading from version 1.0 to 1.1 of the Dell Server Deployment Pack. It is recommended that you use the "Dell PowerEdge Server Deployment Boot Image (x86)" present under the "Dell PowerEdge Server Deployment" folder for creating boot media during operating

system deployment.

- * For successful deployment of Windows Server 2003, Dell recommends not to use the "Apply Device Drivers" step in the task sequence.

Array Builder Issues/Limitations:

- * Logical drive under Non-RAID disks in Array Builder cannot be deleted.
- * CERC SATA 1.5/6-Channel (CH), and CERC SATA 1.5/2S controllers are not supported in Dell Server Deployment Pack.
- * Array Builder Graphical User Interface (GUI) does not show an error when creating a new array on a controller with exactly 'n' disks and when all the disks on the controller are in use.
- * Creation of more than one Global Hot Spare (GHS) in Array Builder is not supported.
- * Creation of more than one Dedicated Hot Spare (DHS) in Array Builder is not supported.
- * Creation of logical drives under NON -RAID disks in Array Builder is not supported.

General Issues/Limitations:

- * When Dell specific packages, drivers, and boot images are managed using ConfigMgr's "Manage Distribution Point Wizard," the confirmation page displays incomplete summary.
- * Yellow bang displays for the Broadcom 5708C driver after you deploy Windows 2003 Operating System on a PowerEdge 1950 system. Update the driver manually.
- * Yellow bang displays for the Broadcom NIC driver after you deploy Windows 2008 Operating System on a PowerEdge 2950 system. Update the NIC driver manually.
- * On a fresh install of ConfigMgr 2007 SP1 and DSDP, a message may display:
"Create task sequence template: Unable to add the task sequence to The task sequence package". When you click "OK", another message displays:
"Create task sequence template: Could not create task sequence package".
Reboot your system to fix this issue.
- * Icons may not appear on the Array Builder GUI on a system running Microsoft Windows XP SP2.
- * The Driver Packages Import feature is not supported on the client side admin UI console.

- * The Dell Deployment Boot Image (x64) should not be used for creating boot media during operating system deployment.
- * The Task Sequence Editor picks the operating system on selecting "Do not Select Now." Reselect the Operating System image in the "Apply Operating System" step to solve this issue.
- * The Task Sequence Editor window will go to the background when you click on the ConfigMgr window.
- * A warning message displays even after selecting the WIM image in the Apply OS image step.
- * To modify the path under "Logs/Return Files" page, click "APPLY" and "OK."
- * Yellow bang displays for the Base System driver after you deploy Windows 2008 Operating System on a PowerEdge 1900 system. Update the driver manually.

Installer Issues:

- * When DSDP is being uninstalled on Windows 2008 operating system, a message displays that a reboot is required to complete the setup displays. Ignore this message and click "OK" to complete the uninstallation.
- * The "Modify" and "Repair" options are not supported during uninstallation of Dell Server Deployment Pack.
- * The "Cancel" button is not functional during installation and uninstallation of DSDP.
- * When you try to install Dell Server Deployment Pack on Windows Server 2008 operating system that does not have the ConfigMgr installed, the Dell Server Deployment Pack installation fails. When you select the checkbox displaying "Shows the Windows Installer log" and then click "Finish" button, a message displays: "Error 2732.Directory manager not initialized".
- * Uninstallation of DSDP does not remove the following packages:
 1. ConfigMgr Client Package 1.0
 2. Dell Deployment Pack Boot Image (X64)
 3. Dell Deployment Pack Boot Image (X86)
- * The following steps enable you to upgrade the child site when a previous version of DSDP is installed on its parent site:
 1. Uninstall DSDP from both parent and child site
 2. Remove the DSDP packages from the parent site
- * On un-install of the Dell Server Deployment Pack if the shortcuts on the Start menu is not removed it is recommended you remove them manually.

* There is no new version of "ConfigMgr Client Package" for DSDP 1.1.

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