

Dell Server Deployment Pack Version 2.0 for Microsoft System Center Configuration Manager Install Guide



Notes, Cautions, and Warnings



NOTE: A NOTE indicates important information that helps you make better use of your computer.



CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



WARNING: A WARNING indicates a potential for property damage, personal injury, or death.

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Contents

| | |
|---|----------|
| Notes, Cautions, and Warnings..... | 2 |
| 1 Overview..... | 5 |
| Prerequisites And Requirements..... | 5 |
| Supported Operating Systems..... | 5 |
| Supported Systems..... | 6 |
| Configuring Network Access Account..... | 6 |
| Configuring Network Access Account in Configuration Manager 2007..... | 6 |
| Configuring Network Access Account in Configuration Manager 2012..... | 6 |
| Specifying a Fully Qualified Domain Name..... | 7 |
| Specifying a FQDN in Configuration Manager 2007..... | 7 |
| Specifying a FQDN in Configuration Manager 2012..... | 7 |
| Installing Dell Server Deployment Pack..... | 7 |
| Installing Dell Server Deployment Pack for the First Time..... | 7 |
| Upgrading Dell Server Deployment Pack..... | 8 |
| Migrating to Microsoft System Center Configuration Manager 2012..... | 9 |
| Uninstalling Dell Server Deployment Pack..... | 9 |
| Installing Upgrading and Uninstalling Dell Server Deployment Pack Through Command Line..... | 9 |
| Installing Dell Server Deployment Pack..... | 10 |
| Uninstalling Dell Server Deployment Pack..... | 10 |
| Upgrading Dell Server Deployment Pack..... | 10 |
| Working with Configuration Manager Admin Console..... | 11 |
| Other Dell Documents You Might Need..... | 11 |
| Troubleshooting..... | 12 |
| Error During Installation..... | 12 |
| Contacting Dell..... | 12 |

Overview

This guide provides information on software prerequisites and requirements to install and uninstall Dell Server Deployment Pack (DSDP) for Microsoft System Center Configuration Manager (Configuration Manager.)

Before you begin configuring the server, make sure that you have set up the server and the environment using Microsoft System Center Configuration Manager 2007 or Microsoft System Center 2012 Configuration Manager. See the Microsoft TechNet site at technet.microsoft.com for details.

Prerequisites And Requirements

- Familiarity with deploying operating systems using Configuration Manager 2007/2012.
- You should have Configuration Manager 2007 SP1 and later, installed on the server. For details on how to download and install Configuration Manager, see the Microsoft TechNet site at technet.microsoft.com.
- Server should have at least 100 MB of free disk space to install and use the Dell Server Deployment Pack.
- On systems running Configuration Manager 2007 SP1, download and apply the hotfix provided in the Microsoft knowledge base articles KB970170 and KB961105. For more information see, support.microsoft.com.
- On systems running Configuration Manager 2007 SP2, download and apply the hotfix provided in the Microsoft knowledge base articles KB979492 and KB978754. For more information see, support.microsoft.com.
- To run the Configuration Manager task sequences on the client system, you must configure the **Network Access Account**. For more information see, [Configuring Network Access Account](#).
- You should specify a Fully Qualified Domain Name (FQDN). For more informations see, [DSDPv2_0 Specifying a Fully Qualified Domain Name](#).

Supported Operating Systems

See the Table below for the list of validated operating systems for installing Dell Server Deployment Pack.

Table 1. List of supported operating systems for installing Dell Server Deployment Pack

| Operating System | Configuration Manager Site Server Support | Configuration Manager Admin Console Support |
|---|---|---|
| Microsoft Windows Server 2003 Enterprise Edition SP2 R2 x86 and x64 |  |  |
| Microsoft Windows Server 2008 Standard Editions x86 and x64 |  |  |
| Microsoft Windows Server 2008 Enterprise Editions x86 and x64 |  |  |
| Microsoft Windows Server 2008 R2 x64 |  |  |
| Microsoft Windows Server 2008 R2 SP1 x64 |  |  |
| Microsoft Windows XP x86 and x64 SP2 and SP3 |  |  |

| Operating System | Configuration Manager Site Server Support | Configuration Manager Admin Console Support |
|--|---|--|
| Microsoft Windows Vista Business Edition x86 and x64 SP1 |  |  |
| Microsoft Windows 7 x86 and x64 |  |  |

Supported Systems

For information on the supported Dell systems, see the Dell Server Deployment Pack 2.0 Readme on the Dell Support site at support.dell.com/manuals.

Configuring Network Access Account

Configuring Network Access Account in Configuration Manager 2007

1. Launch Configuration Manager by clicking **Start** → **Microsoft System Center** → **Configuration Manager 2007** → **Configuration Manager Console**.
The Configuration Manager Console screen is displayed.
2. From the left pane of the Configuration Manager console, select **System Center Configuration Manager** → **Site Database** → **Site Management** → **Site Name** → **Site Settings** → **Client Agents**.
The **Client Agents** screen is displayed.
3. Double-click **Computer Client Agent**.
The **Computer Client Agent Properties** screen is displayed.
4. Under **Network Access Account**, click **Set**.
The **Windows User Account** screen is displayed.
5. Enter the administrator credentials for accessing Configuration Manager from client systems, and click **OK**.
6. The user name is displayed in the **Account** field. Click **OK**.

Configuring Network Access Account in Configuration Manager 2012

1. Launch Configuration Manager by clicking **Start** → **All Programs** → **Microsoft System Center 2012** → **Configuration Manager** → **Configuration Manager Console**.
The Configuration Manager Console screen is displayed.
2. From the left pane of the Configuration Manager console, click **Administration**.
3. Expand **Site Configuration** and click **Sites**.
4. Right-click the site you want to configure, select **Configure Site Components** → **Software Distribution**.
The **Software Distribution Component Properties** screen is displayed.
5. Click the **Network Access Account** tab.
6. Select the **Specify the account that accesses network locations** radio button then click **Set**. You will get the following options:
 - Existing Account** To use an already existing account.
 - New Account** To add a new account.
7. Click **Existing Account**. The **Select Account** screen is displayed, select your user account and click **OK**.

Or

Click **New Account**. The **Windows User Account** screen is displayed. Enter the administrator credentials for accessing Configuration Manager from client systems, and click **OK**.

8. The user name is displayed in the **Account** field. Click **OK**.

Specifying a Fully Qualified Domain Name

Specifying a FQDN in Configuration Manager 2007

1. Launch Configuration Manager by clicking **Start** → **Microsoft System Center** → **Configuration Manager 2007** → **Configuration Manager Console**.
The **Configuration Manager Console** screen is displayed.
2. From the left pane of the Configuration Manager console, select **System Center Configuration Manager** → **Site Database** → **Site Management** → **Site Name** → **Site Settings** → **Site Systems**.
3. Expand **Site Systems** and click your *<site system>*.
4. On the middle pane, right-click **ConfigMgr site system** and select **Properties**.
The **ConfigMgr site system Properties** screen is displayed.
5. Select the **Specify a fully qualified domain name (FQDN) for this site system on the intranet** check box.
6. In the **Intranet FQDN** field enter the full FQDN.
7. Click **Apply** and **OK**.

Specifying a FQDN in Configuration Manager 2012

1. Launch Configuration Manager by clicking **Start** → **All Programs** → **Microsoft System Center 2012** → **Configuration Manager** → **Configuration Manager Console**.
The **Configuration Manager Console** screen is displayed.
2. From the left pane of the Configuration Manager console, click **Administration**.
3. Expand **Site Configuration** and click **Servers and Site System Roles**.
4. Click on your server or site system.
5. On the bottom pane under **Site System Roles** right-click **Site system** and click **Properties**.
6. Select the **Specify an FQDN for this site system for use on the Internet** check box.
7. In the **Internet FQDN** field enter the full FQDN.
8. Click **Apply** and **OK**.

Installing Dell Server Deployment Pack

Before you proceed, make sure that you are logged in with administrator privileges on the server where you want to install Dell Server Deployment Pack.

Installing Dell Server Deployment Pack for the First Time

Use the following steps if you are installing Dell Server Deployment Pack for the first time:

1. Go to the Dell Support website at support.dell.com and then click **Drivers & Downloads**.
2. Download the **Dell_Server_Deployment_Pack_v2.0_for_Configuration_Manager_Axx.exe** (where *xx* is the Dell Server Deployment Pack release number.)
3. Run the .exe file and specify a path to extract the contents of the self extractable zip file, for example, C : \DSDP. The **Dell_Server_Deployment_Pack_v2.0_for_Configuration_Manager_Axx.msi** (where *xx* is the Dell Server Deployment Pack release number) and **DTK4.x-WINPE-xx.exe** (where *xx* is the DTK build number) files will be extracted to the **Dell_Server_Deployment_Pack_v2.0_for_Configuration_Manager** folder in the specified path.
4. Open the command prompt using the **Run As Administrator** option, navigate to the MSI location, and launch the MSI through the command prompt.
5. The **Welcome** screen for Dell Server Deployment Pack is displayed. Click **Next**.
6. The license agreement is displayed. Accept the license terms after reading them, and click **Next**.
7. If the Configuration Manager console is running, a message displays that it needs to close for the installation to continue. Click **Next** to close the Configuration Manager console automatically.
The **Ready to Install the Program** screen is displayed.
8. Click **Install**.
9. The **Installing Dell Server Deployment pack for Configuration Manager** progress screen is displayed.
10. The **Installation Completed Successfully** screen is displayed. Click **Finish**.

Upgrading Dell Server Deployment Pack

-  **NOTE:** The upgrade option is available only on systems running Configuration Manager 2007.
-  **NOTE:** Task sequences created from a previous version of Dell Server Deployment Pack will cease to work. For information on how to make these task sequences work, see the *Troubleshooting* section of the *Dell Server Deployment Pack Version 2.0 for Microsoft System Center Configuration Manager User's Guide* on support.dell.com/manuals.
-  **NOTE:** The upgrade option is not available for systems with DSDP version 1.0. It is recommended that you upgrade to DSDP version 1.2 and then upgrade to DSDP version 2.0. For more information on upgrading to DSDP 1.2 see, the *Dell Server Deployment Pack Version 1.2 for Microsoft System Center Configuration Manager User's Guide* on support.dell.com/manuals.

Use the following steps to upgrade Dell Server Deployment Pack to version 2.0:

1. Download and extract the .msi file. For information, see step 1 to step 3 under the [DSDPv2.0 Installing Dell Server Deployment Pack for the First Time](#).
2. Run the .msi. A message confirming whether you want to upgrade to a newer version is displayed. Click **Yes**.
3. The **Welcome** screen for Dell Server Deployment Pack is displayed. Click **Next**.
4. The license agreement is displayed. Accept the license terms after reading them, and click **Next**.
5. If Configuration Manager console is running, a message displays that it needs to close for the installation to continue. Click **Yes** to close the Configuration Manager console and proceed with the installation.
6. The **Remove/Retain Dell Deployment ToolKit (DTK) utilities and Windows PE drivers** screen is displayed with the following options:

Retain Dell Deployment ToolKit (DTK) utilities and Windows PE drivers

Select this option to retain the DTK utilities and Windows PE drivers imported in to Configuration Manager during the previous installation of Dell Server Deployment Pack.

Remove Dell Deployment ToolKit (DTK) utilities and Windows PE drivers

Select this option to remove the DTK utilities and Windows PE drivers imported in to Configuration Manager during the previous installation of Dell Server Deployment Pack.

 **NOTE:** If you select **Remove Dell Deployment ToolKit (DTK) utilities and Windows PE drivers**, use the **Deployment ToolKit Configuration Wizard** to import the DTK package and create Dell boot images, after the installation. For more information on creating Dell boot images, see the *Importing a DTK Package* section of the *Dell Server Deployment Pack Version 2.0 for Microsoft System Center Configuration Manager User's Guide* on support.dell.com/manuals.

7. Click **Next**.
8. The **Ready to Install the Program** screen is displayed. Click **Install**. The **Installing Dell Server Deployment pack for Configuration Manager** progress screen is displayed.
9. If a boot image is already present, a message is displayed asking if you want to delete the boot images previously created, select a choice to proceed.

 **NOTE:** This message is displayed only when updating from DSDP v1.2.

10. The **Installation Completed Successfully** screen is displayed. Click **Finish**.

Once the installation is complete, use the **Deployment ToolKit Configuration Wizard** to import the **DTK4.x-WINPE-xx.exe** (where *xx* is the DTK build number). For more information see *Importing a DTK Package* section of the *User's Guide* on support.dell.com.

Migrating to Microsoft System Center Configuration Manager 2012

It is recommended to uninstall DSDP (including any boot images, DTK Utilities, and Windows PE Drivers) before you migrate your system to Configuration Manager 2012. For more information on uninstalling DSDP see [Uninstalling Dell Server Deployment Pack](#).

Uninstalling Dell Server Deployment Pack

 **NOTE:** The drivers injected into the Windows PE boot images are removed while uninstalling Dell Server Deployment Pack 2.0.

To uninstall the Dell Server Deployment Pack:

1. Click **Start** → **Control Panel** → **Programs** → **Uninstall a program** .
2. In the **Uninstall a program** window, right-click **Dell Server Deployment Pack v2.0 for Configuration Manager** and click **Uninstall**.
3. A message displays whether you want to retain or remove the Dell boot images created using the **Deployment ToolKit Configuration Wizard**. Click **Yes** to delete or **No** to retain.
4. Follow the instructions to complete the uninstallation.

You can also uninstall the Dell Server Deployment Pack by running the **.msi** package used for installing, and following the uninstallation instructions.

Installing Upgrading and Uninstalling Dell Server Deployment Pack Through Command Line

 **NOTE:** It is recommended to close Configuration Manager before installing, upgrading, and uninstalling DSDP through command line.

Installing Dell Server Deployment Pack

1. Open a **Command Prompt** window.
2. Type the following command in the command prompt window to install Dell Server Deployment Pack.
`msiexec /i <"path to the .msi">\<name of the .msi">/qn /L*v <log file name>`

For Example:

```
msiexec /i "c:
\Dell_Server_Deployment_Pack_2.0_for_Configuration_Manager_Axx.msi"/qn /L*v
a.log
```

Uninstalling Dell Server Deployment Pack

1. Open a **Command Prompt** window.
2. Type the following command in the command prompt window to uninstall Dell Server Deployment Pack.
`msiexec /x <"path to the .msi">\<name of the .msi">/qn /L*v <log file name>`

For Example:

```
msiexec /x "c:
\Dell_Server_Deployment_Pack_2.0_for_Configuration_Manager_Axx.msi" /qn /
L*v b.log
```

Upgrading Dell Server Deployment Pack

-  **NOTE:** The upgrade option is available only on systems running Configuration Manager 2007.
-  **NOTE:** The upgrade option is not available for systems with DSDP version 1.0. It is recommended that you upgrade to DSDP version 1.2 and then upgrade to DSDP version 2.0. For more information on upgrading to DSDP 1.2 see, the *Dell Server Deployment Pack Version 1.2 for Microsoft System Center Configuration Manager User's Guide* on support.dell.com/manuals.

Upgrading with the Retain Dell Deployment ToolKit DTK Utilities and Windows PE Drivers Option

1. Open a **Command Prompt** window.
2. Type the following command in the command prompt window to upgrade Dell Server Deployment Pack with the **Retain Dell Deployment ToolKit (DTK) Utilities and Windows PE Drivers** Option.
`msiexec /i <"path to the .msi">\<name of the .msi">/qn /L*v <log file name>`

or

```
msiexec /i <"path to the .msi">\<name of the .msi">
CP_WINPESTATE="RetainWinPE" /qn /L*v a.log
```

-  **NOTE:** Boot-images created using previous versions of DSDP will not be retained when upgrading through command line interface.

For Example:

```
msiexec /i "c:
\Dell_Server_Deployment_Pack_2.0_for_Configuration_Manager_Axx.msi"
CP_WINPESTATE="RetainWinPE" /qn /L*v a.log
```

Upgrading with the Remove Dell Deployment ToolKit DTK Utilities and Windows PE Drivers Option

1. Open a **Command Prompt** window.
2. Type the following command in the command prompt window to upgrade Dell Server Deployment Pack with the **Remove Dell Deployment ToolKit (DTK) Utilities and Windows PE Drivers** Option.

```
msiexec /i <"path to the .msi">\<name of the .msi">  
CP_WINPESTATE="RemoveWinPE" /qn /L*v <log file name>
```

For Example:

```
msiexec /i "c:  
\Dell_Server_Deployment_Pack_2.0_for_Configuration_Manager_Axx.msi"  
CP_WINPESTATE="RemoveWinPE" /qn /L*v a.log
```

Working with Configuration Manager Admin Console

The Configuration Manager Admin Console supports the installation, uninstallation, and upgrade of Dell Server Deployment Pack and deployment of tasks such as, creating task sequences and creating Dell server driver packages.

 **NOTE:** Make sure that the versions of Dell Server Deployment Pack are the same on Configuration Manager Site Server and Configuration Manager Admin Console.

 **NOTE:** All procedures mentioned in the document like installing, uninstalling and so on for Configuration Manager Site Server are applicable to Configuration Manager Admin Console

Other Dell Documents You Might Need

In addition to this guide and the online help, you might need to refer the following documents to get details on specific Dell OpenManage products. These documents are available on the Dell Support website at support.dell.com.

- The *Dell Server Deployment Pack Version 2.0 for Microsoft System Center Configuration Manager User's Guide* provides information on using DSDP 2.0 on your system.
- The *Dell Remote Access Controller 5 Firmware User's Guide* provides comprehensive information about using the RACADM command line utility to configure a DRAC 5.
- The *Dell Chassis Management Controller User's Guide* provides comprehensive information about using the controller that manages all modules in the chassis containing your Dell server.
- The *Integrated Dell Remote Access Controller User's Guide* provides information about installation, configuration, and maintenance of the Integrated Dell Remote Access Controller (iDRAC) on management and managed systems.
- The *Dell Remote Access Controller/Modular Chassis User's Guide* provides information about installation, configuration, and maintenance of the Dell Remote Access Controller/Modular Chassis (DRAC/MC).
- The *Command Line Reference Guide for iDRAC6 and CMC* provides comprehensive information about using the RACADM command line utility.
- The *Dell OpenManage Deployment ToolKit User's Guide* provides general, best practices procedures that focus on the basic tasks for a successful deployment using Windows Preinstallation Environment (Windows PE) or embedded Linux.
- The *Dell OpenManage Deployment ToolKit Command Line Interface Reference Guide* provides information on the command line utilities to configure system features.
- The *Server Update Utility User's Guide* provides information on how to identify and apply updates to your system.
- The *Dell Repository Manager User's Guide* provides information on how to create customized bundles and repositories for servers running on Microsoft Windows operating systems.
- The *Glossary* for information on terms used in this document.

Troubleshooting

This section contains troubleshooting information for the DSDP for Configuration Manager.

Error During Installation

Double-clicking the **.msi** file to launch the installer on systems that have operating systems with User Access Control (UAC) enabled will cause the installer to crash. For steps to install DSDP see, [Installing Dell Server Deployment Pack](#).

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 **support.dell.com**.
2. Select your support category.
3. If you are not a U.S. customer, select your country code at the bottom of the **support.dell.com** page, or select **All** to see more choices.
4. Select the appropriate service or support link based on your need.