

Dell EMC Server Deployment Pack Version 4.1 for Microsoft System Center Configuration Manager Release Notes

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Release Type and Definition

Dell EMC Server Deployment Pack for Microsoft System Center Configuration Manager

Dell EMC Server Deployment pack (DSDP) 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.

This release, of DSDP v4.1(revision A02), is the final release for Microsoft System Center Configuration Manager (Microsoft Endpoint Configuration Manager) product with the associated functionalities. This release and the releases prior to this will continue to be available for web download on the supported PowerEdge servers but no additional features, new platform and associated components will be added as the Product is fully deprecated.

No support for upcoming generations and models of PowerEdge servers, outside of the supported systems list. This also implies that **no future release of the software for any new hardware and operating systems will be made available beyond this DSDP v4.1 (A02)** and available only for the currently listed PowerEdge servers. For more information about features supported, see dell.com/support/documents.

NOTE: Dell EMC recommends customers to immediately transition to OpenManage Integration for Microsoft System Center(OMIMSSC) for System Center Configuration Manager(SCCM) or Microsoft Endpoint Configuration Manager(MECM).

Current Version

4.1, Rev A03

Release Date

August, 2021



Previous Version

4.1, Rev A02

Platforms Affected

For information about the platforms affected, see the Installation Guide, which is part of the Dell EMC Server Deployment Pack 4.1 download package.

What's New

-  **NOTE:** DSDP will be deprecated with version 4.1 (revision A02) release. This is the final release.
- Support for Update 2103 for Configuration Manager
- Support for Update 2010 for Configuration Manager
- Support for Update 2006 for Configuration Manager
- Support for latest iDRAC9 based PowerEdge servers (Intel):
 - R750
 - R750xa
 - R650
 - C6520
 - MX750c
 - R450
 - R550
 - R650xs
 - R750xs
- Support for PowerEdge RAID Controllers (PERC), series 9 and 10 for Dell EMC systems are:
 - PERC H745
 - PERC H345
 - PERC H840
 - HBA345
 - HBA330 MMZ
 - PERC H745P MX
- The set and get iDRAC configuration using .INI file (dependent on RACADM deprecated feature) is not supported with iDRAC version 4.40.40.00 or later. Use XML input file to configure iDRAC.
-  **NOTE:** No additional upgrade to the DSDP is required to support the latest iDRAC 9-based PowerEdge servers. Use the provided DTK v6.4 with your installed DSDP 4.1.

Fixed Issues

The Dell PowerEdge Server Driver Pack Import wizard has Dell EMC OpenManage Server Driver Pack ISO version 9.2 and 10.1, instead of Dell System Management DVD.

Important Notes

- The Dell Deployment Toolkit (DTK) which is already deprecated, is packaged with DSDP 4.1. Hence, the DTK needs to be used only with this DSDP and any usage outside stands unsupported.


- The associated Dell EMC Deployment Tool Kit (DTK) v6.4.0 is available for all latest iDRAC9 based PowerEdge Servers, packaged with the Dell EMC Server Deployment Pack only for the corresponding newly certified PowerEdge servers listed [here](#) and dell.com/support. No additional upgrade to the deployment pack is required to support the PowerEdge servers.
- The PowerEdge servers other than the list of iDRAC9 based platforms are not supported.
- Ensure that you have latest update to the WinPE image. For more information, see <https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/winpe-mount>.
- All latest iDRAC 9-based PowerEdge servers are supported with your existing Dell EMC Server Deployment Pack Version 4.1. No additional upgrade to the deployment pack is required to support the servers.
- The set and get iDRAC configuration using .INI file (dependent on RACADM deprecated feature) is not supported with iDRAC version 4.40.40.00 or later. Use XML input file to configure iDRAC.
- The Dell EMC Server Deployment Pack (DSDP) does not support deployment for Dell PowerEdge Boot Optimized Storage Solution(BOSS) controllers, PowerEdge RAID Controllers (PERC), series 11 and Non-volatile memory express (NVMe). Recommends to use Dell EMC OpenManage Integration for Microsoft System Center(OMIMSSC) for SCCM/MECM for these new technologies.
- The Boot Image create is customized with Dell Deployment Toolkit drivers and tools. If you select Reload boot image check box in the update distribution point wizard, the boot image gets rebuild using the specified WinPE and Client version that will result in loss of Dell Toolkit drivers and tools. Reloaded Boot Images if used for deployment, results in failure of BIOS configuration. For more information, see <https://docs.microsoft.com/en-us/sccm/osd/get-started/manage-boot-images>.
- In the task sequence, it is mandatory that you do not move or delete **SetRebootStep** in Custom Action steps.
- In the 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, Dell recommends 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 fails 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 the Non-RAID disks.
- When DSDP is 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 4.1 does not support 9th generation of PowerEdge Servers.
- DSDP 4.1 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, 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 in 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. Now add steps from any OEM into a task sequence, and it will be handled correctly.

Software Requirements

Update 2103 for Configuration Manager, Update 2002 for Configuration Manager, or Update 1910 for Configuration Manager, or Update 1906 for Configuration Manager, or Update 1810 for Configuration Manager, or System Center Configuration Manager 2016, or System Center 2012 R2 SP1 Configuration Manager, or System Center 2012 SP2 Configuration Manager, or System Center 2012 R2 Configuration Manager, or System Center 2012 SP1 Configuration Manager, or System Center 2012 Configuration Manager.

Installation Procedure

For detailed installation, pre-requisites, configuration, upgrade and uninstallation instructions, see the Dell EMC Server Deployment Pack Suite Version 4.1 for Microsoft System Center Configuration Manager Installation Guide at Dell.com/openmanagemanuals.

Installation Instructions

Extract Files:

1. Click **Browse**, and then navigate to the self-extractable .zip file that you downloaded.
2. Double-click 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, **All files were successfully unzipped** message is displayed.
6. Click **OK** to exit.

Installation and Configuration Notes

For installation or update procedure-related information, see the Dell EMC Server Deployment Pack Version 4.1 for Microsoft System Center Configuration Manager Installation Guide.

Accessing documents from the Dell EMC support site

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

- Using the following links:
 - For Dell EMC Enterprise Systems Management, Dell EMC Remote Enterprise Systems Management, and Dell EMC Virtualization Solutions documents — www.dell.com/esmmanuals
 - For Dell EMC OpenManage documents — www.dell.com/openmanagemanuals
 - For iDRAC documents — www.dell.com/idracmanuals
 - For Dell EMC OpenManage Connections Enterprise Systems Management documents — www.dell.com/OMConnectionsEnterpriseSystemsManagement
 - For Dell EMC Serviceability Tools documents — <https://www.dell.com/serviceabilitytools>
- From the Dell EMC Support site:
 1. Go to <https://www.dell.com/support>.
 2. Click **Browse all products**.


3. From **All products** page, click **Software**, and then click the required link from the following:

- **Analytics**
- **Client Systems Management**
- **Enterprise Applications**
- **Enterprise Systems Management**
- **Mainframe**
- **Operating Systems**
- **Public Sector Solutions**
- **Serviceability Tools**
- **Support**
- **Utilities**
- **Virtualization Solutions**

4. To view a document, click the required product and then click the required 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 about your purchase invoice, packing slip, bill, or Dell product catalog.

Dell EMC 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. Go to **Dell.com/support**.
2. Select your support category.
3. Verify your country or region in the **Choose a Country/Region** drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.

 **NOTE:** For remote enterprise documentation, go to **dell.com/esmmanuals**. For information about documentation support, go to **www.dell.com/support/manuals**. On the Manuals page, click **Software > Systems Management**. Click the specific product on the right-side to access the documents.

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Notes, cautions, and warnings

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

 **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.