

Dell System Update 1.8

Release Notes

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.

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Release Type and Definition

This document contains updated information about Dell System Update version 1.8.0

DELL EMC System Update (DSU) is a software designed to facilitate the application of updates on various Dell systems. Using DSU you can:

- Identify the available updates, select the relevant updates, and deploy the updates on multiple systems.
- Maintain consistency in terms of interface and versions across Operating Systems, Repositories, and Systems.

Topics:

- [Version](#)
- [Release Date](#)
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- [Importance](#)
- [Platforms Affected](#)
- [What is Supported](#)

Version

Dell System Update 1.8.0

Release Date

April 2020

Previous Version

Dell System Update 1.7.0

Importance

Dell EMC recommends using the Dell Enterprise Catalog or Linux Repository as it is refreshed frequently. DSU for Windows works with the Dell Enterprise Catalog (or a custom catalog created using Dell Repository Manager). DSU is also capable of ISO creation from repositories given in source location for the Smart Bootable ISO.

Platforms Affected

the "Dell EMC System Update Version 1.8.0 User's Guide" at https://www.dell.com/support/home/us/en/04/products/software_int/software_ent_systems_mgmt/ent_sys_mgmt_dell_sys_update For the list of supported platforms, see the section "Support Matrix" in the "Dell EMC OpenManage Plug-in Version 3.0 for Nagios Core User's Guide" at [dell.com/openmanagemanuals](https://www.dell.com/openmanagemanuals).

What is Supported

Dell EMC System Update Version 1.8.0 is supported on Dell EMC PowerEdge Servers. For the list of supported operating systems and other requirements, see the "Dell EMC System Update Version 1.8.0 User's Guide" at https://www.dell.com/support/home/us/en/04/products/software_int/software_ent_systems_mgmt/ent_sys_mgmt_dell_sys_update

What is new

- Support [CIFS/SMB1 and SMB2] network shares for providing repositories, Inventory Collector, Dell Update Packages, Catalog and so on to DSU. Saving log file and exporting JSON files to networkshare.
- Exporting Inventory and Progress information to a file in JSON format.
- Support to export inventory in XML and JSON format to a local or a network share
- DSU installation location changed to ProgramFiles and working directory to Programdata in Windows Operating System.
- Option to uninstall DSU from target system after remote operations.
- Update remote and host systems based on component type(s).
- Get progress information during server update.
- Option to uninstall DSU from target system after remote operations.

Fixes

- Update failure issue when DSU is run on Powershell.
- Support for device guard.

Important Notes

To visit Dell TechCenter for accessing whitepapers, blogs, wiki-articles, videos, Product communities and forums, see: <https://www.dell.com/support/article/en-us/sln310654/dell-emc-system-update-dsu?lang=en>

Known Issues

Issue 1(158456):

Description:

For a specific component that requires system reboot through out-of-band update, the system reboot will be performed only if the reboot option is passed to DSU. Reboot does not happen in accordance to exit code displayed in the progress status file.

Version Affected:

Dell System Update version1.8.0

Issue 2(162481):

Description:

Uninstalling DSU on RHEL 7, RHEL 8.1 and above will show warning message for libssh2 library being absent. This won't affect the uninstallation procedure and will result in successful uninstallation of DSU

Version Affected:

Dell System Update version1.8.0

Issue 3(158771):

Description:

Downgrade for Dell Update Package, Intel Adapter Firmware (FW-DUP) from 19.0.x to 18.8.x is not supported. Hence, downgrade will always be shown in preview mode of DSU even after performing downgrade.

Version Affected:

Dell System Update version1.8.0

Issue 4(152368):

Description:

For Emulex Fibre Channel Adapter installed on different ports on same system, updates may be shown only for one of them. Although the update is applicable to both.

Version Affected:

Dell System Update version1.8.0

Issue 5(147819):

Description:

IDSDM DUP will fail to install with dependent DUP iDRAC-with-Lifecycle-Controller-Firmware which itself has a upgrade available in the repository used

Version Affected:

Dell System Update version1.8.0

Issue 6(147822):

Description:

IDSMDM DUP (Firmware_FF4WY_WN64_1.7_A02.EXE) may show update status as "not applied, dependent component requires restart" even if dependent component does not require reboot. Overall update is still success

Version Affected:

Dell System Update version1.8.0

Issue 7(151110):

Description:

Performing inventory for servers through iDRAC may show each component instance value 1 regardless of the actual component instance

Version Affected:

Dell System Update version1.8.0

Issue 8(152282):

Description:

Performing inventory for same server through different hosts simultaneously may show update failure instead of "DSU already in use" on some of the hosts.

Version Affected:

Dell System Update version1.8.0

Issue 9(149201):

Description:

DSU ic-location option when used with rsystemtype iDRAC is silently ignored

Version Affected:

Dell System Update version1.8.0

Issue 10(152282):

Description:

DSU shows connection failure message instead of less storage/ privilege message for a network share having insufficient space or privilege

Version Affected:

Dell System Update version1.8.0

Issue 11(151563):

Description:

Accessing file over SMB network share hosted on windows Operating System, "Unable to access network location" error may get displayed intermittently

Version Affected:

Dell System Update version1.8.0

Issue 12(159079):

Description:

Remote features of DSU is not supported on RHEL 8.1.

Version Affected:

Dell System Update version1.8.0

Issue 13(162745):

Description:

Emulex Fibre Channel component may be listed as BIOS for 14G PowerEdge servers

Version Affected:

Dell System Update version1.8.0

Issue 14(162736):

Description:

Chipset driver component may fail to show in the update list for R7425 platform for Windows 2016 and Windows 2019 Operating System.

Version Affected:

Dell System Update version1.8.0

Issue 15(159413):

Description:

Network firmware version may be displayed partially on RHEL 6.10

Version Affected:

Dell System Update version1.8.0

Issue 16(155180):

Description:

Running DSU with iDRAC OS-Passthrough may fail on some systems. (IPMI)

Version Affected:

Dell System Update version1.8.0

Issue 17(154905):

Description:

Display name for Mellanox ConnectX-4 card may be displayed partially in the inventory output

Version Affected:

Dell System Update version1.8.0

Issue 18(152532):

Description:

Performing boot from bootable-ISO burned in USB may fail to update components in preOS environment.

Version Affected:

Dell System Update version1.8.0

Issue 19(157357):

Description:

Remote host may fail to connect using AD user credentials.

Version Affected:

Dell System Update version1.8.0

Issue 20(158771):

Description:

Downgrade for Dell Update Package, Intel Adapter Firmware (FW-DUP) from 19.0.x to 18.8.x is not supported. Hence, downgrade will always be shown in preview mode of DSU even after performing downgrade.

Issue 21(147822):

Description:

IDSDM DUP (Firmware_FF4WY_WN64_1.7_A02.EXE) may show update status as "not applied, dependent component requires restart" even if dependent component does not require reboot. Overall update is still success.

Issue 22(162745):

Description:

Emulex Fibre Channel component may be listed as BIOS for 14G PowerEdge servers.

Issue 23(162736):

Description:

Chipset driver component may fail to show in the update list for R7425 platform for Windows 2016 and Windows 2019 OS

Issue 24(159413):

Description:

Network firmware version may be displayed partially on RHEL 6.10

Issue 25(154905):

Description:

Display name for Mellanox ConnectX-4 card may be displayed partially in the inventory output.

Issue 26(160597):

Description:

Standard NVM Express Controller Driver (CFYMV) does not support Non-RAID config. Hence may fail to update using DSU.

Version Affected:

ALL

Installation Prerequisites

For the installation prerequisites, see the "Dell EMC System Update Version 1.8.0 User's Guide" at https://www.dell.com/support/home/us/en/04/products/software_int/software_ent_systems_mgmt/ent_sys_mgmt_dell_sys_update

Installation Procedure

For installation or update related information, see the "Dell EMC System Update Version 1.8.0 User's Guide" at https://www.dell.com/support/home/us/en/04/products/software_int/software_ent_systems_mgmt/ent_sys_mgmt_dell_sys_update

Installation and Configuration Notes


For installation and configuration related information, see the "Dell EMC System Update Version 1.8.0 User's Guide" at https://www.dell.com/support/home/us/en/04/products/software_int/software_ent_systems_mgmt/ent_sys_mgmt_dell_sys_update

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 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. 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.