DELL EMC OPENMANAGE SERVER UPDATE UTILITY FOR LINUX

Version 18.09.00 (64-bit)

Release Notes

Release Type and Definition

This release notes provides information about Dell EMC OpenManage Server Update Utility (SUU) for 12th generation of PowerEdge servers to 14th generation of PowerEdge servers.

This file also contains updated information for your "Dell EMC OpenManage Server Update Utility User's Guide" and any other technical documentation that is included with Server Update Utility (SUU).

See the Dell Support website located at "dell.com/openmanagemanuals" for more information and to download the latest version of SUU.

Note: For information on Dell Update Packages (DUP), see the DUP Release notes files present on the SUU ISO.

Version
18.09.00

Release date
September, 2018

Previous versions
18.07.00

Importance
RECOMMENDED: Dell recommends applying this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep your system software current and compatible with other system modules (firmware, BIOS, drivers, and software).

It is recommended that you review the update procedure to determine if it applies to your system. The update contains changes that may impact only certain configurations, or provides new features that may/may not apply to your environment.

What's new

- Red Hat Enterprise Linux 6.10 (64-bit)

What is supported?

The following operating systems are supported:

Linux Operating Systems:

- SUSE Linux Enterprise Server 11 SP4 x64
- SUSE Linux Enterprise Server 12 SP3 x64
- Red Hat Enterprise Linux 6 update 10 x64
- Red Hat Enterprise Linux 7 update 3 x64

- Red Hat Enterprise Linux 7 update 4 x64

Virtualization Operating Systems:

- Citrix XenServer v6.5

See the "Dell Systems Software Support Matrix" for the latest list of supported Dell PowerEdge systems and operating systems. The Dell Systems Software Support Matrix' is available at "dell.com/openmanagemanuals."

Supported web browsers

SUU 18.09.00 supports the following Web browsers:

- Microsoft Internet Explorer 9.0
- Microsoft Internet Explorer 10.0
- Microsoft Internet Explorer 11.0
- Mozilla Firefox version 10.0
- Mozilla Firefox version 11.0
- Mozilla Firefox version 12.0

Platform(s) affected

SUU 18.09.00 supports the following PowerEdge systems running the supported Linux and Windows operating systems:

M420, M520, M620, M820, R420, R520, R620, R720, R820, T320, T420,

T620, R920, FM120, R730, R730xd, T630, R720xd, R630, M630, R530,

R430, T430, FC630, C4130, FC430, FC830, M830, R530xd, R930, R830,

R330, R230, T330, T130, C6320, DSS1500, DSS2500, DSS1510

R640, R740, R740xd, R940, C6240, R440, R540, T440, T640, FC640,

M640, R6415, R7415, R7425, C4140, R840, R940xa

SUU supports the following Dell VRTX systems running the supported

Linux operating system: M520-VRTX, M620-VRTX, M820-VRTX, M630-VRTX, M830-VRTX, M640-VRTX

NX3100, NX3000, DL2200, NX3500 NX3610 and FS7500

Important notes

DUPs for Dell Lifecycle Controller OS Driver packs are no longer available on the Dell OpenManage Server Update ISO. You can find them on Dell Lifecycle Controller OS Driver Packs ISO.

The below information helps enhance your experience with SUU in specific implementations and environments.

- SUU supports Integrated Dell Remote Access Controller (iDRAC) Service Module 2.3 and later version.
  NOTE: iDRAC Service Module is supported on all 12th and 13th generation of PowerEdge
  servers (64-bit operating system) with iDRAC version later than 2.10.10.10.
- If you launch SUU from a command shell and then press <Ctrl><C>, the SUU procedure, as well as any running updates, will terminate.(137862)

- When you launch SUU, depending on the system configuration the inventory collection process takes few minutes , delaying the display of system comparison report.(138439)
- The figures and examples in the "Dell OpenManage Server Update Utility User's Guide" are used as examples only and may not be identical to the SUU GUI.(137294,136624)
- When you verify the SUU return codes, use the operating system-specific commands to view the exit codes.(137296)
  For example:
  Microsoft Windows: echo %ERRORLEVEL%
  Red Hat Enterprise Linux: echo $?

Known issues and Resolutions

This section provides information about known issues for this release of SUU:

- Qlogic 41xxx adapter firmware DUP (SWB-YC37P) is displayed as "Dual Band Wireless AC 3160" in SUU Comparison report.

- When you run Qlogic 41xxx adapter firmware DUP (SWB-YC37P) for the same version to upgrade, the update is unsuccessful.

- If SUU Auto-launch not happening in RHEL OSes, then install "xterm" RPM package.

- SUU GUI fails to open in Red Hat Enterprise Linux 7.2 operating system

  If SUU GUI, is unable to launch in Red Hat Enterprise Linux 7.2 (64–bit) operating system perform the following -

  Run the command in the terminal:–#echo -e "Section \"Device\"\nIdentifier \"Device0\"\nOption \"SWCursor\" \"True\"\nEndSection" > /etc/X11/xorg.conf.d/xorg.conf

  On completion of the command, ensure that the contents are:–#cat /etc/X11/xorg.conf.d/xorg.conf–Section "Device" – Identifier "Edifice"–Option "SWCursor" "True"–EndSection.

  Type the command, #systemctl restart gdm.service to restart the GDM service. The user will be logged off after running the command.

- VRTX M520 is displayed as M520 in SUU Comparison report.

- VRTX M620 is displayed as M620 in SUU Comparison report.

- Hard drive update is not supported in HBA mode.

- When updating multiple, identical devices on the same system, SUU applies the latest update to all instances of all devices. For example, if the system is configured with three controllers configured with firmware or driver versions 1.2, 1.3, and 1.4, and the repository version is 1.4, SUU applies version 1.4 to all instances of all devices.(136620)

- When you run SUU using the "-p" option, SUU reports the current instance log location ("suu -p") instead of the SUU instance log location ("suu -u") that is performing the update.(135925)

- SUU uses DUPs to update various system components. During a Red Hat Enterprise Linux update, the DUPs create a "/var/lock/.spsetup" file using the Linux lockfile utility during the initial execution procedure. Kernel panics or sudden reboots during DUP execution (reboots where TERM signals are not sent to running processes or where running processes do not track these signals) can generate a "/var/lock/.spsetup" lock file that cannot be deleted. SUU reports the update as

successful and prompts to reboot the system. When you run SUU again on the same system, the comparison report displays no change in device status. If this situation occurs and no update is in progress, remove "/var/lock/.spsetup" before running another update on the system. (137287)

- If a NIC teaming application is installed on the system, SUU updates only the NIC base driver, if the driver is compatible with the teaming application. To verify driver compatibility, run DUP on the system to update the driver and read the generated messages.(138648)

- Devices that are disabled in the operating system are not inventoried or updated by SUU. To update or inventory these devices, enable the devices in the operating system and then re-launch SUU. (142111)

- Do not use the RAC/iDRAC virtual media to remotely run SUU on a system. This procedure ends the virtual media connection, resulting in an unsuccessful SUU update.(144487)

- SUU update is unsuccessful if SUU is run from a pathname that contains special characters such as,",:,/,\,$, and so on. It is recommended to use a directory name without any special characters for running SUU. For example, when a USB DVD-ROM or USB disk is attached, to a system running SUSE Linux Enterprise Server operating system, mounts it to a directory name that contains special characters.

   For example, /media/USB:1:2/ (42279)

- In Linux, if there is no space in the var partition or tmp folder, SUU displays the following error message: "Not enough space available in the /var or /tmp folder. Please ensure you have atleast 1.5GB."Ensure that you have sufficient space in the var partition or tmp folder and reboot SUU to start the system inventory.(66118)

- To launch SUU on systems running Linux (x64-bit) from Windows CIFS share, do the following:

   Mount the extracted SUU x32 ISO CIFS share using "-o sce=nounix,noserverino" options on SUSE Linux Enterprise Server 10 and 11, and on Red Hat Enterprise Linux 6.2 and 6.3 operating systems (BITS032613).

   For example, mount -t cifs -o sce=nounix,noserverino -o username=<user id> <Windows CIFS share> <Linux mount location>

Installation

SUU is a stand-alone application that runs directly from the ISO. For more information on installing SUU, see the "Dell OpenManage Server Update Utility User's Guide."

Note: Only users with root (Linux) privileges can perform updates with SUU.

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.

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On the Manuals page, click Software>Systems Management. Click on the specific product on the right side to access the documents.

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