

Dell EMC OpenManage Server Update Utility Release Notes for Linux operating system

Topics:

- [Version](#)
- [Release Date](#)
- [Previous Version](#)
- [Importance](#)
- [Important Information](#)
- [Supported Operating Systems](#)
- [Installation](#)
- [User Notes](#)
- [Known Issues and Resolutions](#)
- [THIRD PARTY DISCLAIMER](#)
- [Contacting Dell](#)
- [Copyright](#)

This readme provides information for DELL EMC OpenManage Server Update Utility for yx2x To yx5x Servers.

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 Readme files present on the SUU ISO.

Version

20.07.00

Release Date

July 2020

Previous Version

20.04.00

Importance

RECOMMENDED: It is recommended to apply this update during your next scheduled update cycle. The update contains feature enhancements or changes that will help keep the system software current and compatible with other system modules (firmware, BIOS, 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 or may not apply to your environment.

Important Information

DUPs for DELL EMC Lifecycle Controller operating system driver packs are no longer available on the Dell EMC OpenManage Server Update ISO. You can find them on Dell EMC Lifecycle Controller operating system driver packs ISO.

Supported Operating Systems

Linux Operating Systems

- SUSE Linux Enterprise Server 15 SP1
- Red Hat Enterprise Linux 6 update 10 x64
- Red Hat Enterprise Linux 8 x64

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

SUPPORTED WEB BROWSERS

SUU 20.07.00 supports the following web browsers:

- Internet Explorer 11.0, 10.0 and 9.0
- Mozilla Firefox 12.0, 11.0 and 10.0

Platform(s) Affected

SUU 20.07.00 supports the following PowerEdge systems running the supported Linux operating systems:

- PowerEdge M420
- PowerEdge M520
- PowerEdge M620
- PowerEdge M630
- PowerEdge M640
- PowerEdge M640-VRTX
- PowerEdge M820
- PowerEdge M830
- PowerEdge R230
- PowerEdge R240
- PowerEdge R330
- PowerEdge R340
- PowerEdge R420
- PowerEdge R430
- PowerEdge R440
- PowerEdge R520
- PowerEdge R530
- PowerEdge R530xd
- PowerEdge R540
- PowerEdge R620
- PowerEdge R630
- PowerEdge R640
- PowerEdge R6415
- PowerEdge R6515
- PowerEdge R6525
- PowerEdge R740xd2
- PowerEdge R720
- PowerEdge R740
- PowerEdge R740xd


- PowerEdge R7415
- PowerEdge R7425
- PowerEdge R7515
- PowerEdge R820
- PowerEdge R920
- PowerEdge R940
- PowerEdge R730
- PowerEdge R720xd
- PowerEdge R730xd
- PowerEdge R7525
- PowerEdge R830
- PowerEdge R840
- PowerEdge R930
- PowerEdge R940xa
- PowerEdge T130
- PowerEdge T140
- PowerEdge T320
- PowerEdge T330
- PowerEdge T340
- PowerEdge T420
- PowerEdge T430
- PowerEdge T440
- PowerEdge T620
- PowerEdge T640
- PowerEdge T630
- PowerEdge FM120
- PowerEdge FC630
- PowerEdge FC430
- PowerEdge FC640
- PowerEdge FC830
- PowerEdge C4130
- PowerEdge C4140
- PowerEdge C6320
- PowerEdge C6320P
- PowerEdge C6420
- PowerEdge C6525
- PowerEdge DSS1500
- PowerEdge DSS1510
- PowerEdge DSS2500
- PowerEdge Mx740C
- PowerEdge Mx840C

SUU supports the following Dell EMC VRTX systems running the supported Linux operating system:

- PowerEdge M520-VRTX
- PowerEdge M620-VRTX
- PowerEdge M630-VRTX
- PowerEdge M640-VRTX
- PowerEdge M820-VRTX
- PowerEdge M830-VRTX

Installation

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

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

User Notes

- When you verify the SUU return codes, use the operating system-specific commands to view the exit codes.(137296)

For example: Red Hat Enterprise Linux: `echo $?`

Known Issues and Resolutions

This section provides information about known issues with this release of SUU.

Issue

The progress of Inventory is not displayed and below message is displayed while launching SUU.

```
Unable to show information for inventory. Please wait for inventory to complete
```

Later, the comparison report is displayed to update the firmware in SUU.

Issue

Emulex FC firmware is not listed in the SUU Comparison Report.

Issue

Mellanox driver and firmware are not listed in SUU Comparison Report.

Issue

SUU fails to update on systems running SUSE Linux 15 and Red Hat Enterprise Linux 8 operating system.

Resolution

Manually install the following packages:

- libncurses package
- bc package

 **NOTE:** These RPMs are available on the SUSE Linux 15 and Red Hat Enterprise Linux 8 OS media.

Issue

If SUU is not launched automatically in RHEL operating systems, then install "xterm" RPM package.

Issue

Intel Ethernet adapter X550 won't list in SUU Comparison report on SUSE Linux 15 operating system when secure boot is enabled.

Issue

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

Issue

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

Issue

SUU GUI is unable to launch in RHEL 7.2 and RHEL 7.3 OS

Resolution

1. Run the below command in the RHEL 7.2/RHEL 7.3 terminal.

```
#echo -e "Section \"Device\"\nIdentifier\n\"Device0\"\nOption \"SWCursor\" \"True\"\nEndSection" > /etc/X11/xorg.conf.d/xorg.conf
```
2. After executing the above command, please ensure that the contents of `/etc/X11/xorg.conf.d/xorg.conf` is as below:

```
#cat /etc/X11/xorg.conf.d/xorg.conf
Section "Device"
Identifier "Device0"
Option "SWCursor" "True"
EndSection
```

3. Type the command, `#systemctl restart gdm.service` to restart the GDM service.

The user is logged off after running the command.

Issue

VRTX M520 is displayed as M520 in SUU Comparison report.

Issue

VRTX M620 is displayed as M620 in SUU Comparison report.

Issue

Hard drive update is not supported in HBA mode.

Issue

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 that are 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)

Issue

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)

Issue

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)

Issue

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)

Issue

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 relaunch SUU. (142111)

Issue

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)

Issue

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)

Issue

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.`

Resolution

Ensure that you have sufficient space in the var partition or tmp folder and reboot SUU to start the system inventory.(66118)

Issue

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 sse=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 sse=nounix,noserverino -o username=<user id><Windows CIFS share> <Linux mount location>`

THIRD PARTY DISCLAIMER

The following disclaimer applies to the "TreeTable" control code in IT Assistant:

Copyright 1997, 1998 Sun Microsystems, Inc. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistribution in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES OR LIABILITIES SUFFERED BY LICENSEE AS A RESULT OF OR RELATING TO USE, MODIFICATION OR DISTRIBUTION OF THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

Licence for libxslt

Copyright (C) 2001-2002 Daniel Veillard. All Rights Reserved.


Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE DANIEL VEILLARD BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of Daniel Veillard shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

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.

Copyright

© 2018 - 2020 Dell Inc. or its subsidiaries. All rights reserved. Dell, EMC, and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.

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.