

Dell EMC OpenManage Installation and Management Release Notes

Version 9.5

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.

Contents

Chapter 1: Release summary	4
Chapter 2: New and enhanced features	5
Chapter 3: Compatibility	6
Supported network cards.....	6
Supported operating systems.....	6
Supported web browsers.....	6
Chapter 4: Installation	7
Chapter 5: Important notes	8
User Notes for Supported Microsoft Windows Operating Systems	8
User Notes for Supported Red Hat Enterprise Linux, SUSE Linux Enterprise server and VMware ESXi Operating Systems.....	9
Chapter 6: Known issues	10
Known issues on Microsoft Windows operating system.....	10
Known issues on Linux operating systems.....	11
Chapter 7: Limitations	12
Limitations on Microsoft Windows Operating Systems	12
Limitations on Red Hat Linux and VMware ESXi operating systems.....	12
Chapter 8: Resources and support	13
Chapter 9: Contacting Dell EMC	14

Release summary

This release of Dell EMC OpenManage software describes the new features, enhancements and fixed issues in Server Administrator.

Version:

9.5

Version A00

Release Date:

September 2020

Previous Version:

9.4

Priority and recommendations

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

New and enhanced features

This release of OpenManage Server Administrator supports the following features:

- Support for new operating systems:
 - Red Hat Enterprise Linux 8.2 and Red Hat Enterprise Linux 8.3
 - Red Hat Enterprise Linux 7.8 and Red Hat Enterprise Linux 7.9
 - SUSE Linux Enterprise Server 15 SP2
 - VMware ESXi 7.0 and VMware ESXi 7.0 U1
- Supported new network cards
 - Marvell QLogic Fibre Channel Single Port 32GFC PCIe Gen4 x8 Adapter
 - Marvell QLogic Fibre Channel Dual Port 32GFC PCIe Gen4 x8 Adapter
 - Intel(R) Ethernet 25G 2P E810-XXV OCP
 - Intel(R) Ethernet 25G 2P E810-XXV Adapter
 - Intel(R) Ethernet 10G 4P X710/I350 rNDC
 - Intel FPGA Programmable Acceleration Card D5005
 - Dual Port 10Gb Ethernet (BCM57810S) LOM (FC430)
 - QLogic 57810S-K Dual Port 10Gb bNDC KR CNA
 - QLogic 57810S-k Dual Port 10Gb bMezz KR CNA
 - QLogic 57840S-K Quad Port 10Gb bNDC KR CNA
 - Broadcom BCM57504 25G KR Quad Port Fab AB Mezz
- Supported new features:
 - Support for Oracle Java Runtime Environment 11.0.7 and Tomcat 9.0.34 bundled with Server Administrator.
 - Alternative support for OpenJRE/JDK 11 package in Server Administrator preferences.

Supported new features in Storage Management:

- Support for PERC 11 controllers (PERC H755N, PERC H755 Adapter, PERC H755 Front).
- Support for HBA 11 controllers (HBA 355i Frnt, HBA 355i Adpt).
- Support for Secure boot alerts on PERC 11 controllers.
- Support for NVMe RAID with Dell Express Flash NVMe devices on PERC H755N controller.
- Support for BOSS-S2 device
 - Support for Blink and Unblink for M.2 drives.
 - Support for hot-plug on M.2 drives.
- Support for PCIe Gen-4 drives.

 **NOTE:** For the list of supported operating systems and Dell servers, see the *Dell EMC OpenManage Software Support Matrix* in the required version of **OpenManage Software** at dell.com/openmanagemanuals.

 **NOTE:** For more information about any features, see the *Dell EMC OpenManage Server Administrator online Help*.

Compatibility

Topics:

- [Supported network cards](#)
- [Supported operating systems](#)
- [Supported web browsers](#)

Supported network cards

- Marvell QLogic Fibre Channel Single Port 32GFC PCIe Gen4 x8 Adapter
- Marvell QLogic Fibre Channel Dual Port 32GFC PCIe Gen4 x8 Adapter
- Intel(R) Ethernet 25G 2P E810-XXV OCP
- Intel(R) Ethernet 25G 2P E810-XXV Adapter
- Intel(R) Ethernet 10G 4P X710/I350 rNDC
- Intel FPGA Programmable Acceleration Card D5005
- Dual Port 10Gb Ethernet (BCM57810S) LOM (FC430)
- QLogic 57810S-K Dual Port 10Gb bNDC KR CNA
- QLogic 57810S-k Dual Port 10Gb bMezz KR CNA
- QLogic 57840S-K Quad Port 10Gb bNDC KR CNA
- Broadcom BCM57504 25G KR Quad Port Fab AB Mezz

Supported operating systems

- Red Hat Enterprise Linux 8.2 and Red Hat Enterprise Linux 8.3
- Red Hat Enterprise Linux 7.8 and Red Hat Enterprise Linux 7.9
- SUSE Linux Enterprise Server 15 SP2
- Ubuntu 20.04 64 bit
- VMWare ESXi 6.7 U3, VMWare ESXi 7.0 and VMWare ESXi 7.0 U1
- Microsoft Windows 2012 R2
- Microsoft Windows 2016
- Microsoft Windows 2019

Supported web browsers

- Mozilla Firefox version 76
- Mozilla Firefox version 75
- Google Chrome version 75
- Google Chrome version 74
- Internet Explorer version 11
- Safari version 12.x
- Microsoft Edge

Installation

- Windows-on-Windows (WOW) mode must be enabled to install Server Administrator on Windows Server Core.
- To perform an **Express Install** on the Red Hat Enterprise Linux Server operating systems, run `srvadmin-install.sh -x` from the `SYSMGMT/srvadmin/linux/supportscripts` directory.

For more information about installation instructions, including silent installation options, see the *Dell EMC OpenManage Server Administrator Installation Guide* at www.dell.com/openmanagemanuals.

Important notes

Topics:

- User Notes for Supported Microsoft Windows Operating Systems
- User Notes for Supported Red Hat Enterprise Linux, SUSE Linux Enterprise server and VMware ESXi Operating Systems

User Notes for Supported Microsoft Windows Operating Systems

- **Description:** It is recommended, to upgrade the central DWS service from 9.0.x or 9.1 to 9.1.2 to access all the managed nodes on the network.

Tracking ID: JIT-93543

- **Description:** The following message may be displayed in the Prerequisite checker screen:

```
An error occurred while attempting to execute a Visual Basic Script. Confirm that Visual Basic files are installed correctly.
```

This error occurs when the prerequisite checker uses thevbttest.vbs(a Visual Basic [VB]) script to verify the installation environment and fails for some reason.

The possible causes are:

- **Incorrect Internet Explorer security settings**

Workaround:

- Ensure that **Active Scripting** is enabled.

Navigate to **Tools > Internet Options > Security > Custom Level > Scripting > Active Scripting** and click **Enable**.

- Ensure that **Scripting of Java Applets** is enabled.

Navigate to **Tools > Internet Options > Security > Custom Level > Scripting > Scripting of Java Applets** and click **Enable**.

- **Windows Scripting Host (WSH) has disabled the running of VB scripts.**

Workaround: By default, WSH is installed during the operating system installation. WSH can be configured to prevent the execution of .VBS scripts.

On the desktop, right click on **My Computer** and click **Open**

Navigate to **Tools > Folder Options > File Types**. Identify files with vbs extension and verify that the **File Type** is set to **VBS Script File**.

If the file is not set as a **VBS Script File**, click **Change** and select **Microsoft Windows Based Script Host** as the application to run the script.

- **WSH version may be wrong, corrupted, or is not installed.**

Workaround: By default, WSH is installed during the operating system installation.

To download the current WSH version, go to <http://msdn2.microsoft.com/en-us/library/ms950396.aspx>

- **The Scrrun.dll file may not be registered.**

Workaround: Register it manually by running the below command:

```
regsvr32 Scrrun.dll
```

- It is not possible to run the CLI commands on the same console windows after the Server Administrator is installed.
Workaround: Open a new console window to run the CLI commands.
- **Description:** During installation or uninstallation of Server Administrator on system where the web download version of Server Diagnostics(version 2.x) or Server Update Utility is running, the Windows Installer Service may display a message stating, specific files required by the Server Administrator are in use by diagnostics or by Server Update Utility.
Workaround: Click **Ignore** and continue.
Tracking ID: 62159.
- **Description:** On Microsoft Windows Server operating system, the listener creation link on the prerequisite checker screen does not work.
Workaround: Create the HTTPS listener using **winrm command-line utility**. Refer the *Server Administrator Installation Guide* for more information.
Tracking ID: 332601.

User Notes for Supported Red Hat Enterprise Linux, SUSE Linux Enterprise server and VMware ESXi Operating Systems

- **Description:** The OpenIPMI device driver that is used by Server Administrator conflicts with the Intel IMB device driver.
Workaround: Uninstall the IMB driver before installing Server Administrator.
- **Description:** When Server Administrator is installed on a system, dependency issues that are related to RPMs may occur.
Workaround: Install the missing RPMs from `SYSMGMT/srvadmin/linux/RPMS/supportRPMs`. If the RPMs are not available in this directory, install them from the operating system media.
Tracking ID: 341495
- **Description:** On a Linux Operating Systems with nautilus file manager—Gnome Desktop Environment—launching Server Administrator using the desktop icon displays a pop-up window, **Untrusted application launcher**.
Workaround: The behavior is because of vulnerability fix mentioned in CVE-2017-14604. It occurs only when the Server Administrator is launched for the first time by using the desktop icon. Click **Trust and Launch** to proceed with launching Server Administrator.
- **Description:** As per PCR-732, systems with Linux operating system, RPMs, and web packs are signed with RSA/SHA512 algorithm.
- **Description:** On RedHat Enterprise Linux Server operating systems, installing or removing Server Administrator SELinux policy(`srvadmin-selinux`), when Server Administrator services are running causes the services to restart.

Known issues

Topics:

- [Known issues on Microsoft Windows operating system](#)
- [Known issues on Linux operating systems](#)

Known issues on Microsoft Windows operating system

Issue 1: Server Administrator launch using desktop icon fails in a remote desktop session

Description: On Microsoft Windows operating system, when Server Administrator is deployed on a system with an active remote desktop session, clicking the icon to launch Server Administrator in that session fails with the following error message:

The program can't start because libxml2.dll is missing on your computer or The program can't start because omacs64.dll is missing on your computer. To fix this issue, reinstall the program.

Workaround:

- Logoff from the remote session and login again
- Alternatively, perform the following steps in the same remote session:
 - Right click **My Computer**
 - Go to **Advanced** tab
 - Click **Environment Variables**
 - In the **Environment Variables** screen, click **OK** and exit from the screen.

Tracking ID: BITS053605/JIT-95549

Issue 2: Configure HTTPS Listener link page does not time out.

Description: If you click the Configure HTTPS listener link in the Prerequisite page, the page does not time out.

Workaround: To resolve this issue, close and reopen the page.

Tracking ID: 498330

Issue 3: MSI reference counts affected for Intel SNMP agent install

Description: MSI reference counting takes effect if you install the Intel SNMP agent using the MSI provided by Intel, and then install the Intel SNMP agent again using the Server Administrator installer.

Workaround: The Intel SNMP agent is not uninstalled during installation of the MSI. Remove both installers from the system to remove the agent.

Issue 4: "Insufficient Privilege" error message while uninstallation

Description: When user who is a part of **Active Directory** and member of **Domain Admins** and **Domain Users** group tries to uninstall Server Administrator, the MSI may display an `Insufficient Privilege` error message.

Workaround: To fix this issue, open Command prompt as Administrator and run `msiexec /x <msiname>.msi`

Tracking ID: 241136 / 241498

Issue 5: OMSA upgrade on Windows systems displays warning message in OS logs.

Description: On Windows, when you upgrade to the latest version, there is a warning message that is displayed as below:

Failed to connect to server. Error: 0x800401F0

Workaround: There is no functionality impact and you can ignore the message.

Known issues on Linux operating systems

Issue 1: System Administrator shortcut is not available on Linux Operating system(French)

Description: On a system running supported Linux operating system (French), the System Administrator Shortcut is not available.

Workaround: To connect to the local Server Administrator Web Server, open a web browser and then connect to the URL <https://localhost:1311> to access Server Administrator

Tracking ID: 124261

Limitations

Topics:

- [Limitations on Microsoft Windows Operating Systems](#)
- [Limitations on Red Hat Linux and VMware ESXi operating systems](#)

Limitations on Microsoft Windows Operating Systems

- Server Administrator may conflict with the Intel IMB driver. You may receive an informational message recommending you to uninstall the Intel IMB driver before installing Server Administrator.

You can do it through the "Device Manager" performing the following steps:

1. Open **Device Manager**.
2. Expand **System devices**.
3. Right-click the device with the name `IMB Driver` and click **Uninstall**.
4. Click **OK** to uninstall.

If you choose to install Server Administrator during Intel IMB driver installation, Server Administrator services may fail to start or Server Administrator may have problems accessing sensor data.

- Wrong install directory is displayed during OM Installation. Broadcom/Intel provides the Broadcom/Intel SNMP agent installers. They do not support installation of these components in the custom directory.

Tracking ID : 71022

- Do not specify user profile folders such as a desktop folder (`C:\Users\administrator\Desktop`) as custom installation paths for installing Server Administrator. The services running on the system account cannot access such folders.

Limitations on Red Hat Linux and VMware ESXi operating systems

- After uninstalling the VIB on the ESXi OS, some INI files may be present in the `/etc/cim/dell` folder. However, these INI files do not cause any functional limitation

Resources and support

Latest Release Notes

1. Go to **www.dell.com/openmanagemanuals**.
2. Select OpenManage Server Administrator.
3. Select the version of Server Administrator.
4. Click **Documents**.

Accessing documents using direct links

You can directly access the documents using the following links:

URL	Product
www.dell.com/idracmanuals	iDRAC and Lifecycle Controller
www.dell.com/cmcmmanuals	Chassis Management Controller (CMC)
www.dell.com/serviceabilitytools	Serviceability Tools
www.dell.com/omconnectionsclient	Client System Management

Accessing documents using the product search

1. Go to **www.dell.com/support**.
2. In the **Enter a Service Tag, Serial Number...** search box, type the product name. For example, PowerEdge or iDRAC.
A list of matching products is displayed.
3. Select your product and click the search icon or press enter.
4. Click **Documents**.

Accessing documents using the product selector

You can also access documents by selecting your product.

1. Go to **www.dell.com/support**.
 2. Click **Browse all products**.
 3. Click the product category, such as Servers, Software, Storage, and so on.
 4. Click the product, and then click the version if applicable.
-  **NOTE:** For some products, you may need to go to the subcategories.
5. Click **Documents**.

Contacting Dell EMC

NOTE: Dell EMC provides several online and telephone-based support and service options. If you do not have an active Internet connection, you can find contact information about your purchase invoice, packing slip, bill, or Dell EMC product catalog. Availability varies by country and product, and some services may not be available in your area.

To contact Dell EMC for sales, technical support, or customer-service issues:

1. Go to www.dell.com/contactdell.
2. Select your country or region from the interactive world map. When you select a region, the countries for the selected regions are displayed.
3. Select the appropriate language under the country of your choice.
4. Select your business segment. The main support page for the selected business segment is displayed.
5. Select the appropriate option depending on your requirement.