

# **Dell EMC OpenManage Installation and Management Release Notes**

Version 9.4

## 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 summary

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

**Version:**

9.4

Version A01

**Release Date:**

February 2020

**Previous Version:**

9.3.2

## 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 yx5x server R7525
- Support for new operating systems:
  - Red Hat Enterprise Linux 8.1
  - Red Hat Enterprise Linux 7.7
  - SUSE Linux Enterprise Server 15 SP1
  - VMware ESXi 6.5 U3
  - VMware ESXi 6.7 U3
- Supported new network cards
  - Broadcom LOM: 5720 1GbE 2P
  - Broadcom LOM: 5720 1GbE 1P
  - Broadcom 5720 1GbE OCP3.0 2P
  - Broadcom Thor 25GbE OCP3.0 4Port
  - Broadcom Whitney+ 10/25GbE OCP3.0 2P
  - Broadcom Whitney+ 10GbE BT OCP3.0 2P
  - Qlogic AH rNIC 10/25GbE OCP3.0 2P
  - Qlogic AH rNIC 10GbE BT OCP3.0 2P
  - Qlogic AH rNIC 10GbE SFP+ OCP3.0 2P
  - Qlogic AH rNIC 10/25GbE SFP+ PCIe 2P
  - Qlogic AH rNIC 10GbE BT PCIe 2P
  - Mellanox CX-5 10/25GbE PCIe 2P
  - Mellanox HDR100
  - Mellanox HDR IB card (details TBD)
  - Mellanox CX-5 10/25GbE OCP3.0 2P
  - Intel Fortville 10GbE SFP+ OCP3.0 2P
  - Intel 2.i350 1GbE OCP3.0 2P
- Supported new features:
  - Support for Java Runtime Environment 11.0.4
  - Support new BOSS-S1 events (PDR221,PDR222,PDR223,PDR224) in OMSS.
  - Added EEMI messages to include the Part Number of the failing component.
  - Support Sanitize Cryptographic Erase for NVMe drives in Linux and ESXi OS's.

**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](http://dell.com/openmanagemanuals).

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

# Compatibility

## Supported network cards

- Broadcom BCM57416 10G BT Dual Port OCP3 Mezz
- Emulex LightPulse LPe35000-M2 1-Port 32Gb Fibre Channel Adapter
- Intel(R) Ethernet 10G 2P X710-T2L-t Adapter
- Intel(R) Ethernet 10G 4P X710-T4L-t Adapter
- Intel(R) Ethernet 10G 2P X710-T2L-t OCP
- Intel(R) Ethernet 10G 4P X710-T4L-t OCP
- Intel(R) Ethernet 10G 4P X710 OCP
- Intel FPGA Programmable Acceleration Card D5005
- NVIDIA Quadro RTX6000
- NVIDIA Quadro RTX8000
- Marvell FastLinQ 41154 Quad Port 10/25GbE SFP28, OCP NIC 3.0
- Marvell FastLinQ 41154 Quad Port 10GbE BASE-T, OCP NIC 3.0
- Marvell QLogic Fibre Channel Single Port 32GFC PCIe Gen4 x8 Adapter
- Marvell QLogic Fibre Channel Dual Port 32GFC PCIe Gen4 x8 Adapter
- Solarflare XtremeScale X2562 10/25G Adapter

## Supported operating systems

- Red Hat Enterprise Linux 8.1
- Red Hat Enterprise Linux 7.7
- SUSE Linux Enterprise Server 15 SP1
- Ubuntu 18.04.03 64 bit
- VMware ESXi 6.5 U3
- VMware ESXi 6.7 U3
- Microsoft Windows 2012 R2
- Microsoft Windows 2016
- Microsoft Windows 2019

## Supported web browsers

- Mozilla Firefox version 73
- Mozilla Firefox version 74
- Google Chrome version 73
- 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](http://www.dell.com/openmanagemanuals).

## Important notes

# 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 the `vbtest.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 `YSMGMT/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

### 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 OM 9.3, 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

### 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/serveradministratormanuals](http://www.dell.com/serveradministratormanuals).
2. Select the version of Server Administrator.
3. Click **Manuals & documents**.

### Accessing documents using direct links

You can directly access the documents using the following links:


URL	Product
<a href="http://www.dell.com/idracmanuals">www.dell.com/idracmanuals</a>	iDRAC and Lifecycle Controller
<a href="http://www.dell.com/cmcmmanuals">www.dell.com/cmcmmanuals</a>	Chassis Management Controller (CMC)
<a href="http://www.dell.com/esmmanuals">www.dell.com/esmmanuals</a>	Enterprise System Management
<a href="http://www.dell.com/serviceabilitytools">www.dell.com/serviceabilitytools</a>	Serviceability Tools
<a href="http://www.dell.com/omconnectionsclient">www.dell.com/omconnectionsclient</a>	Client System Management

### Accessing documents using the product search

1. Go to [www.dell.com/support](http://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 **Manuals & documents**.

### Accessing documents using the product selector

You can also access documents by selecting your product.

1. Go to [www.dell.com/support](http://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 **Manuals & 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](http://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.