

# Dell EMC OpenManage Installation and Management Release Notes Version 10.3.0.0

This document describes the new features, resolved issues, and known issues in OpenManage Server Administrator Installation and Management version 10.3.0.0.

**Current Release Version:** 10.3.0.0

**Release Type:** Major (MA)

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## Revision history

**Table 1. Document revision history**

Document revision	Date	Description
A00	July 2022	Initial release

## Product description

Dell OpenManage Server Administrator (OMSA) provides a comprehensive, one-to-one systems management solution in the following two ways:

- From an integrated, web browser-based Graphical User Interface (GUI).
- From a Command Line Interface (CLI) through the operating system.

Server Administrator enables system administrators to manage systems locally and remotely on a network. This release of Dell OpenManage software describes the new features, enhancements, and fixed issues in Server Administrator.

## Priority and recommendations

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

## Supported web browsers

- Google Chrome version 92
- Google Chrome version 94
- Internet Explorer version 11

- Microsoft Edge
- Mozilla Firefox version 98
- Mozilla Firefox version 99
- Safari version 15.x

## Supported operating systems

- Microsoft Windows 2016
- Microsoft Windows 2019
- Microsoft Windows 2022
- Red Hat Enterprise Linux 8.6
- Red Hat Enterprise Linux 9.0
- SUSE Linux Enterprise Server 15 SP3
- Ubuntu Server 20.04.4
- VMware ESXi 6.7 U3
- VMware ESXi 7.0 U3

**NOTE:** For detailed information about supported hardware platforms, supported operating systems, storage controllers and firmware versions, see the *Dell EMC OpenManage Software Support Matrix* available in the required version of **OpenManage Software** at <https://www.dell.com/openmanagemanuals>.

## New features

**Table 2. New features in OpenManage Server Administrator 10.3.0.0**

Functional area	Feature description	Summary of benefits
Server Administrator	Oracle Java Runtime Environment 11.0.15 and Tomcat 9.0.63	Oracle Java Runtime Environment 11.0.15 and Tomcat 9.0.63 are bundled with Server Administrator.
Storage Management	Support for new NVMe drives	New supported NVMe drives are the following: <ul style="list-style-type: none"> <li>• PCIe-SSD NVMe Samsung PM1733a/1735a Gen4 SP supported on all PowerEdge YX4X and PowerEdge YX5X generation of servers.</li> <li>• Datacenter R.I. NVMe PCIe Gen4, U.2, 2.5" AGN (2nd Source - PM9A3) supported on all PowerEdge YX4X and PowerEdge YX5X generation of servers.</li> <li>• Datacenter R.I. NVMe U.2 AGNOSTIC (Kioxia CD7) supported on all PowerEdge YX4X and PowerEdge YX5X generation of servers.</li> </ul>
Storage Management	Support for new controllers	New supported controllers are the following: <ul style="list-style-type: none"> <li>• HBA350i Mini Monolithic supported only on PowerEdge R640, R740xd, R6515, R7515, and C6420 servers.</li> <li>• HBA350i Mini Mono Low Profile supported only on PowerEdge C6420, R740xd2, and R440XR2 servers.</li> <li>• PERC H350 Mini Monolithic supported only on PowerEdge R640, R740, R6515, and R7515 servers.</li> <li>• PERC H350 Mini Mono Low Profile supported only on PowerEdge C6420 and R440XR2 servers.</li> </ul>
Operating system	Support for new operating systems	New supported operating systems are the following: <ul style="list-style-type: none"> <li>• Red Hat Enterprise Linux 8.6</li> <li>• Red Hat Enterprise Linux 9.0</li> <li>• Ubuntu Server 20.04.4</li> </ul>
Operating system	Support for client operating systems on Dell Precision R7920	Client operating systems supported on Dell Precision R7920 are the following: <ul style="list-style-type: none"> <li>• Microsoft Windows 10 version 21H2</li> <li>• Microsoft Windows 11 version 22H2</li> </ul>

**Table 2. New features in OpenManage Server Administrator 10.3.0.0 (continued)**

Functional area	Feature description	Summary of benefits
		<ul style="list-style-type: none"> <li>Red Hat Enterprise Linux 8.6 client</li> <li>Ubuntu Desktop 20.04.4</li> </ul>
Network Interface Cards	Support for new Network Interface Cards	<p>New supported Network Interface Cards (NIC) are the following:</p> <ul style="list-style-type: none"> <li>Mellanox ConnectX-5 Dual Port 25 GbE SFP28 PCIe Adapter</li> <li>Marvell QLogic 2x32Gb QLE2772 FC HBA</li> <li>QLE2692 Dual Port 16 Gb FC to PCIe Gen3 x8 Adapter</li> <li>QLE2690 Single Port 16 Gb FC to PCIe Gen3 x8 Adapter</li> <li>Emulex LightPulse LPe31000-M6-D 1-Port 16 Gb Fibre Channel Adapter</li> <li>Emulex LightPulse LPe31002-M6-D 2-Port 16 Gb Fibre Channel Adapter</li> <li>Intel(R) Gigabit 4P I350-t Adapter</li> </ul>

For information about the series of your PowerEdge server, see [Identifying the series of your Dell EMC PowerEdge servers](#).

See the OpenManage Server Administrator product support pages on <https://www.dell.com/openmanagemanuals> for detailed user documentation.

## Known issues

### Known issues on Microsoft Windows operating system

**Table 3. Known issues on Microsoft Windows operating system**

Issue ID	Functional area	Description	Workaround/Resolution
BITS053605, 95549	Server Administrator launch using desktop icon fails	<p>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 is that session fails with the following error message:</p> <p>The program can't start because libxm12.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.</p>	<ul style="list-style-type: none"> <li>Log off from the remote session and log .in again</li> <li>Alternatively, perform the following steps in the same remote session: <ul style="list-style-type: none"> <li>Right click <b>My Computer</b>.</li> <li>Go to <b>Advanced</b> tab.</li> <li>Click <b>Environment Variables</b>.</li> <li>On the <b>Environment Variables</b> screen, click <b>OK</b> and exit from the screen.</li> </ul> </li> </ul>
498330	Configure HTTPS Listener does not time out	If you click the Configure HTTPS listener link in the Prerequisite page, the page does not time out.	To resolve this issue, close and reopen the page.
241136, 241498	Insufficient Privilege message while uninstallation	When user who is a part of <b>Active Directory</b> and member of <b>Domain Admins</b> and <b>Domain Users</b> group tries to uninstall Server Administrator, the MSI may display an <b>Insufficient Privilege</b> error message.	To fix this issue, open Command prompt as Administrator and run <code>msiexec /x &lt;msiname&gt;.msi</code>
157904	OMSA upgrade on Windows systems displays	On Windows, when you upgrade OMSA to the latest version, the following warning message is displayed in the operating system logs:	Not available

**Table 3. Known issues on Microsoft Windows operating system (continued)**

Issue ID	Functional area	Description	Workaround/Resolution
	a warning message	Failed to connect to server. Error: 0x800401F0  There is no functionality impact and you can ignore the message.	
Not available	Using profile folders as install directory	Do not specify user profile folders such as a desktop folder (C:\Users\administrator\Desktop) as custom installation paths for installing Server Administrator.  This is because services running on the system account cannot access such folders.	Not available

## Known issues on Linux operating systems and VMware ESXi

**Table 4. Known issues on Linux operating systems and VMware ESXi**

Issue ID	Functional area	Description	Workaround/Resolutions
Not available	INI files present after uninstalling VIB	After uninstalling the VIB on VMware ESXi, some INI files may be present in the /etc/cim/dell folder. However, these INI files do not cause any impact to functionality.	Not available

## Limitations

### Limitations on Microsoft Windows operating system

**Table 5. Limitations on Microsoft Windows operating system**

Functional area	Limitation
Visual Basic (VB) script	<p>The following message is displayed in the Prerequisite checker screen:</p> <p>An error occurred while attempting to execute a Visual Basic Script. Confirm that Visual Basic files are installed correctly.</p> <p>This error occurs when the prerequisite checker uses the vbtest.vbs Visual Basic [VB] script to verify the installation environment and fails for some reason.</p> <p>The possible causes and its workaround are:</p> <ul style="list-style-type: none"> <li>● <b>Incorrect Internet Explorer security settings</b>  <b>Workaround:</b> <ul style="list-style-type: none"> <li>○ Ensure that <b>Active Scripting</b> is enabled.                      Navigate to <b>Tools &gt; Internet Options &gt; Security &gt; Custom Level &gt; Scripting &gt; Active Scripting</b> and click <b>Enable</b>.</li> <li>○ Ensure that <b>Scripting of Java Applets</b> is enabled.                      Navigate to <b>Tools &gt; Internet Options &gt; Security &gt; Custom Level &gt; Scripting &gt; Scripting of Java Applets</b> and click <b>Enable</b>.</li> </ul> </li> <li>● <b>Windows Scripting Host (WSH) has disabled the running of VB scripts.</b></li> </ul>

**Table 5. Limitations on Microsoft Windows operating system (continued)**

Functional area	Limitation
	<p><b>Workaround:</b> By default, WSH is installed during the operating system installation. WSH can be configured to prevent the execution of .VBS scripts.</p> <p>On the desktop, right click on <b>My Computer</b> and click <b>Open</b></p> <p>Navigate to <b>Tools &gt; Folder Options &gt; File Types</b>. Identify files with vbs extension and verify that the <b>File Type</b> is set to <b>VBS Script File</b>.</p> <p>If the file is not set as a <b>VBS Script File</b>, click <b>Change</b> and select <b>Microsoft Windows Based Script Host</b> as the application to run the script.</p> <ul style="list-style-type: none"> <li>• <b>WSH version may be wrong, corrupted, or is not installed.</b></li> </ul> <p><b>Workaround:</b> By default, WSH is installed during the operating system installation.</p> <p>To download the current WSH version, go to <a href="http://msdn2.microsoft.com/en-us/library/ms950396.aspx">http://msdn2.microsoft.com/en-us/library/ms950396.aspx</a></p> <ul style="list-style-type: none"> <li>• <b>The Scrrun.dll file may not be registered.</b></li> </ul> <p><b>Workaround:</b> Register it manually by running the below command:</p> <pre>regsvr32 Scrrun.dll</pre>
Unattended Installation of Server Administrator	<p>After Unattended Installation is complete, a new console window is opened to run CLI commands. It is not possible to run the CLI commands on the same console window after the Server Administrator is installed.</p> <p><b>Workaround:</b> Open a new console window to run the CLI commands.</p>
Prerequisite Checker	<p><b>Tracking ID: 332601</b> - On Microsoft Windows Server operating system, the listener creation link on the Prerequisite Checker screen does not work.</p> <p><b>Workaround:</b> Create the HTTPS listener using <b>winrm command-line utility</b>. For more information, see <i>Server Administrator Installation Guide</i>.</p>

## Limitations on Red Hat Enterprise Linux, SUSE Linux Enterprise Server, and VMware ESXi operating systems

**Table 6. Limitations on Red Hat Enterprise Linux, SUSE Linux Enterprise Server, and VMware ESXi operating systems**

Functional area	Limitation
OpenIPMI device driver	<p>The OpenIPMI device driver that is used by Server Administrator conflicts with the Intel IMB device driver.</p> <p><b>Workaround</b> Uninstall the IMB driver before installing Server Administrator.</p>
Dependency issues related to RPMs	<p><b>Tracking ID: 341495</b> - When Server Administrator is installed on a system, dependency issues that are related to RPMs may occur.</p> <p><b>Workaround:</b> Install the missing RPMs from <code>YSMGMGT/srvadmin/linux/RPMS/supportRPMs</code>. If the RPMs are not available in this directory, install them from the operating system media.</p>
Gnome Desktop Environment	<p>On a Linux operating systems with nautilus file manager—Gnome Desktop Environment—launching Server Administrator using the desktop icon displays a pop-up window, <b>Untrusted application launcher</b>.</p> <p><b>Workaround:</b> 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 <b>Trust and Launch</b> to proceed with launching Server Administrator.</p>

**Table 6. Limitations on Red Hat Enterprise Linux, SUSE Linux Enterprise Server, and VMware ESXi operating systems (continued)**

Functional area	Limitation
RPMs and web packs	As per PCR-732, systems with Linux operating system, RPMs, and web packs are signed with RSA/SHA512 algorithm.
Server Administrator SELinux policy	On Red Hat 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.

## Environment and system requirements

For information about the environmental and system requirements for OpenManage Server Administrator 10.3.0.0, see the *Dell OpenManage Server Administrator 10.3.0.0 User's Guide* or the *Dell OpenManage Server Administrator 10.3.0.0 Support Matrix* available at <https://www.dell.com/openmanagemanuals>.

## Installation and upgrade considerations

- 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).

## Where to get help

The Dell Technologies Support site (<https://www.dell.com/support>) contains important information about products and services including drivers, installation packages, product documentation, knowledge base articles, and advisories.

A valid support contract and account might be required to access all the available information about a specific Dell Technologies product or service.

## Identifying the series of your Dell EMC PowerEdge servers

The PowerEdge series of servers from Dell EMC are divided into different categories based on their configuration. They are referred as YX2X, YX3X, YX4X, YX4XX, or YX5XX series of servers. The structure of the naming convention is described below:

The letter Y denotes the character in the server model number. The character denotes the form factor of the server. The form factors are listed below:

- C- Cloud
- F- Flexible
- M or MX- Modular
- R- Rack
- T- Tower

The letter X denotes the numbers in the server model number. The number denotes multiple characteristics about the server. They are listed as follows:

- The first digit (X) denotes the value stream or class of the server.
  - 1-5—iDRAC basic
  - 6-9—iDRAC Express
- The second digit denotes the series of the server. It is retained in the server naming convention and does not replace the letter X.
  - 0—series 10
  - 1—series 11
  - 2—series 12

- 3—series 13
- 4—series 14
- 5—series 15
- The last digit (X) always denotes the make of the processor as described below:
  - 0-Intel
  - 5-AMD


**NOTE:** For servers that use an AMD processor, the model number is made up of four digits instead of three. The third digit (X) denotes the number of processor sockets that the series of server supports.

- 1—one socket server
- 2—two socket server

**Table 7. PowerEdge servers naming convention and examples**

<b>YX3X servers</b>	<b>YX4X servers</b>	<b>YX4XX servers</b>	<b>YX5XX servers</b>
PowerEdge M630	PowerEdge M640	PowerEdge R6415	PowerEdge R6515
PowerEdge M830	PowerEdge R440	PowerEdge R7415	PowerEdge R7515
PowerEdge T130	PowerEdge R540	PowerEdge R7425	PowerEdge R6525

## 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.