DELLTechnologies

Dell EMC OpenManage Installation and Management Release Notes Version 10.0.1

Release Type: Major (MA)

Topics:

- Product description
- OMSA Customer Survey
- Compatibility
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Current Release Version: 10.0.1

Current Release Type: Major

Previous Release Version: 9.5.0

Product description

Server Administrator provides a comprehensive, one-to-one systems management solution in two ways: from an integrated, web browser-based Graphical User Interface (GUI) and 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 EMC OpenManage software describes the new features, enhancements, and fixed issues in Server Administrator.

Priority and recommendations

Dell Technology 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, including firmware, BIOS, drivers, and software.

OMSA Customer Survey

Survey link: https://secure.opinionlab.com.

Dell Technologies is exclusively surveying OMSA customers, collecting feedback, and implementing suggestions. As a customer, the above link is available for you to take the survey at various phases of OMSA usage such as Windows or Linux based installation, while using the OMSA GUI and CLI, and VMware ESXi.

Compatibility

Supported operating systems

- Red Hat Enterprise Linux 8.2 and Red Hat Enterprise Linux 8.3

- Red Hat Enterprise Linux 7.9
- SUSE Linux Enterprise Server 15 SP2
- Ubuntu 20.04 64 bit
- VMWare ESXi 6.7 U3 and VMWare ESXi 7.0 U2
- Microsoft Windows 2016
- Microsoft Windows 2019

Supported web browsers

- Mozilla Firefox version 81
- Mozilla Firefox version 80
- Google Chrome version 84
- Google Chrome version 83
- Internet Explorer version 11
- Safari version 13.x
- Microsoft Edge

For more support and compatibility information, see *Dell EMC OpenManage Software Support Matrix Version 10.0.1* and *Dell EMC OpenManage Software Compatibility Matrix Version 10.0.1*.

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.

New and enhanced features

- Oracle Java Runtime Environment 11.0.9 and Tomcat 9.0.45 bundled with Server Administrator.
- For the YX5X generation of PowerEdge servers, new memory events are supported that provide additional recommendations about the resolution steps to resolve an event.

New features in Storage Management supports:
- LTO-X tape drives (starting from LTO-8) that can be connected to HBA355e.
- The Auto Configure Behavior feature on PERC 10 and later controllers.
- Single multipath and multiple multipath connection feature for 4-port controllers.
- Array584EMM enclosures.
- Events for NVMe drives having initialization error.
- Non-Dell certified drives connected to software RAID S150 controller and later.

Supported platforms and controllers:
- PowerEdge R750XA: PERC S150, HBA 355i Adp, HBA 355e Adp, PERC H345 Front/Adapter, PERC H745 Front/Adapter, PERC H755N, PERC H755 Front/Adapter.
- PowerEdge R750: PERC S150, HBA 355i Adp, HBA 355e Adp, PERC H345 Front/Adapter, PERC H745 Front/Adapter, PERC H755N, PERC H755 Front/Adapter.
- PowerEdge R650: PERC S150, HBA 355i Adp, HBA 355e Adp, PERC H345 Front/Adapter, PERC H745 Front/Adapter, PERC H755N, PERC H755 Front/Adapter.
- PowerEdge C6520: PERC S150, HBA 355i Adp, PERC H345 Adapter, PERC H745 Adapter.
- PowerEdge MX750c: PERC S150, HBA 330MMZ, HBA 350iMX, PERC H745P MX, and PERC H755 MX.

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

> (i) **NOTE:** From 9.3.0, the RPM packages have been signed with Dell SHA-512 signature key. If using non interactive or silent method of installation, to verify the authenticity, you must download the key from the following location: https://

linux.dell.com/repo/hardware/dsu/public_gpg3.key, and then import the key to each host with `rpm --import <key file>` before installing or upgrading to the current version of Server Administrator. Once the key is imported, you are not required to import the key every time while installing, or upgrading to the current version of Server Administrator.

Known issues

Known issues on Microsoft Windows operating system

Issue ID	Functional area	Description	Workaround/Resolution
BITS053605, 95549	Server Administrator launch using desktop icon fails	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: `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.`	• Log off from the remote session and log .in again • Alternatively, perform the following steps in the same remote session: ○ Right click **My Computer**. ○ Go to **Advanced** tab. ○ Click **Environment Variables**. ○ On the **Environment Variables** screen, click **OK** and exit from the screen.
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 **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.	To fix this issue, open Command prompt as Administrator and run `msiexec /x <msiname>.msi`
157904	OMSA upgrade on Windows systems displays a warning message	On Windows, when you upgrade OMSA to the latest version, the following warning message is displayed in the operating system logs: `Failed to connect to server. Error: 0x800401F0` There is no functionality impact and you can ignore the message.	Not available
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

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.	Not available

Issue ID	Functional area	Description	Workaround/Resolutions
		However, these INI files do not cause any impact to functionality.	

User notes

User notes for supported Microsoft Windows operating systems

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

  ```
  An error occured while attaempting 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 and its workaround 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
    ```

- **Description:** 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.

  Workaround: Open a new console window to run the CLI commands.

- **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**. See *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

- **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 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.

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/cmcmanuals	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**.

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 1. PowerEdge servers naming convention and examples

YX3X servers	YX4X systems	YX4XX systems	YX5XX
PowerEdge M630	PowerEdge M640	PowerEdge R6415	PowerEdge R6515
PowerEdge M830	PowerEdge R440	PowerEdge R7415	PowerEdge R7515
PowerEdge T130	PowerEdge R540	PowerEdge R7425	PowerEdge R6525

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.

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