

# Dell EMC OpenManage Software Compatibility Matrix

Version 10.2.0.0

## 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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# Overview

This document provides information about the interoperability of the OpenManage software products.

## **i** NOTE:

- Upgrade the OpenManage components to the latest version to effectively use the latest features.
- For information about compatibility of OpenManage Connections products, see the *Dell EMC OpenManage Connections Compatibility Matrix* at [dell.com/OMConnectionsEnterpriseSystemsManagement](https://dell.com/OMConnectionsEnterpriseSystemsManagement).

For more information, see the *Dell EMC Systems Software Support Matrix* at [www.dell.com/openmanagemanuals](https://www.dell.com/openmanagemanuals).

## Topics:

- [OMSA customer survey](#)
- [Acronyms used in this document](#)
- [Supported operating systems](#)
- [Matrix Information Structure](#)
- [Naming convention for PowerEdge systems](#)

## 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.

## Acronyms used in this document

The following table lists the acronyms used in this document:

**Table 1. Acronyms**

Acronym	Product Name
BMC MU	Dell EMC OpenManage Baseboard Management Controller Management Utility
CMC	Dell EMC Chassis Management Controller
iDRAC Tools	Integrated Dell Remote Access Controller Tools consisting of the Remote Access Controller Administrator
DRM	Dell EMC Repository Manager
DUP	Dell EMC Update Packages
DSU	Dell EMC System Update repository
iDRAC	Integrated Dell Remote Access Controller
Lifecycle Controller (LC) (For yx2x generation PowerEdge systems and later.	Dell EMC Lifecycle Controller - Lifecycle Controller Enabled Unified Server configurator (USC) Unified Server Configurator-Lifecycle Controller Enabled (USC-LCE) Remote Enablement (RE)

**Table 1. Acronyms (continued)**

Acronym	Product Name
MN	Dell EMC Managed Nodes (Instrumentation and Remote Enablement)
iSM For yx2x generation PowerEdge systems and later.	Dell EMC iDRAC Service Module
OME	Dell EMC OpenManage Essentials
OMEnterprise	Dell EMC OpenManage Enterprise
OMSM	Dell EMC OpenManage Storage Management
OMM	Dell EMC OpenManage Mobile
Server Administrator/OMSA	Dell EMC OpenManage Server Administrator
SUU	Dell EMC Server Update Utility

## Supported operating systems

OpenManage supported operating systems are:

- Microsoft Windows 2016
- Microsoft Windows 2019
- Microsoft Windows 2022

**i** **NOTE:** Microsoft Windows operating systems are supported on PowerEdge YX2X to YX5X servers.

- Red Hat Enterprise Linux 7.9
- Red Hat Enterprise Linux 8.5
- SUSE Linux Enterprise Server 15 SP3
- Ubuntu Server 20.04.3
- VMware ESXi 6.7 U3
- VMware ESXi 7.0 U3

**i** **NOTE:** Red Hat Enterprise Linux 7.9, Red Hat Enterprise Linux 8.5, VMware ESXi 6.7 U3, VMware ESXi 7.0 U3, Ubuntu Server 20.04.3, and SLES 15 SP3 operating systems are supported only on PowerEdge R250, R350, T150, T350, and T550 servers.

For more information about the supported operating systems, Network Interface Cards (NIC), and PowerEdge RAID Controllers (PERC), see the *Dell EMC Systems Management Software Support Matrix* at [www.dell.com/OpenManageManuals](http://www.dell.com/OpenManageManuals)

## Matrix Information Structure

The products on the left side of the matrix are the main products under the various categories and the products on the right side of the matrix are the other products that are required by the main product to function, or are compatible with the main product.

- \* Indicates that the product on the left side depends on the particular product version on the right side.
- NA** Indicates that the product on the left side is not dependent or not applicable for the product on the right side.
- All** Indicates all the versions of the software supported.

## Naming convention for PowerEdge systems

The naming convention that is used for PowerEdge systems is as follows:

**i** **NOTE:** This document includes sections or data that is not applicable to the PowerEdge MX740x and PowerEdge MX840c.

For the **yx4x** generation of PowerEdge systems:

**Table 2. Naming convention for PowerEdge systems**

Type of Server	Specifics		
R indicates Rack	Overall Performance	Generation	Processor
T indicates Tower	1—5: Low End Server	4 indicates yx4x generation PowerEdge servers	0—Intel Processor
M indicates Modular	5—10: High End Server		5—AMD Processor
F indicates Flexible			
C indicates Cloud			

For example: Dell PE R740 is Rack, yx4x generation PowerEdge server.

The letter indicates the type (form factor) of the server:

- C (cloud) - Modular server nodes for hyper-scale environments
- F (Flexible) - Hybrid rack-based sleds for rack-based FX2/FX2s enclosure
- M (Modular) - Blade servers and other items for the M1000e and/or VRTX enclosure
- MX - Newest Modular Servers
- R (Rack) - Rack-mountable servers
- T (Tower) - Tower servers

For three number naming convention:

- The first number after the letter indicates the class of the system.
  1. 1 to 3 indicates one CPU system
  2. 4 to 7 indicates two CPU systems
  3. 8 indicates two or four CPU systems
  4. 9 indicates four CPU systems
- The second number indicates the generation.
  1. 0 indicates yx0x generation
  2. 1 indicates yx1x generation, and so on
- The third number indicates the make of the CPU, 0 for Intel and 5 for AMD.

So, for example, the R710 model is a Rack 2 CPU system from the yx1x generation of servers with Intel Processors. The MX740c model is a New Modular 2 CPU system from the yx4x generation of servers with Intel Processors, and c indicates compute.

For four number naming convention:

- The first number after the letter indicates the class of the system.
  1. 1 to 5 indicates iDRAC Basic
  2. 6 to 9 indicates iDRAC Express
- The second number indicates the generation.
  1. 0 indicates yx0x generation
  2. 1 indicates yx1x generation, and so on
- The third number indicates the number of CPUs, 1 for one CPU and 2 for two CPUs.
- The fourth number indicates the make of the CPU, 0 for Intel and 5 for AMD.

So, for example, the R6415 model is a Rack 2 CPU system from the yx4x generation of servers with AMD Processors, and the MX7000 enclosure is a 7U chassis.

# OpenManage Software Compatibility Matrix

This section describes the compatibility among the OpenManage products.

**NOTE:** Dell EMC recommends using the Embedded Management, Integrated Dell Remote Access Controller 9 (iDRAC9) with Lifecycle Controller instead of Dell Systems Build and Update Utility (SBUU). SBUU is replaced with Lifecycle Controller on yx4x generation of PowerEdge servers. iDRAC with Lifecycle Controller is an Embedded Systems Management application for operating system deployment and life cycle management of PowerEdge servers. You can access Dell Lifecycle Controller by pressing <F10> during system boot up or through remote interface tools such as, iDRAC Web GUI, RACADM command-line interface, or Web Service Management (WSMan) interface.

## Topics:

- [Compatibility of Server Administrator Web Server and Managed Nodes](#)
- [Compatibility of Deployment Suite of products](#)
- [Compatibility of Dell Embedded Management products](#)
- [Compatibility of Dell Monitoring products](#)
- [Compatibility for Dell Remote Management products](#)
- [Compatibility of Dell Systems Management - Server, Storage Monitoring, Diagnostics, and Management products](#)

## Compatibility of Server Administrator Web Server and Managed Nodes

**Table 3. Server Administrator Web Server and Managed Nodes**

Server Administrator Web Server Version	MN (Instrumentation + Remote Enablement) Version
10.2.0.0	10.2.0.0

**NOTE:** For more information about managed node instrumentation and remote enablement, see the *Dell EMC Server Administrator Installation Guide (Linux and Windows)* at [www.dell.com/openmanagemanuals](http://www.dell.com/openmanagemanuals).

## Compatibility of Deployment Suite of products

The following table describes the compatibility of Deployment Suite of products.

**Table 4. Deployment Suite of products**

Product Name	Lifecycle Controller (LC) with
	iDRAC9
Version	5.00.10.00 5.10.10.00
Server Administrator	10.2.0.0
iDRAC9 with LC	N/A
DUP	20.06.00

**NOTE:** Dell EMC recommends using integrated Dell Remote Access Controller 9 (iDRAC9) with Dell Lifecycle Controller instead of Dell Systems Build and Update Utility (SBUU), as SBUU is not supported on yx4x generation servers. iDRAC with Lifecycle Controller is an Embedded Systems Management application, available on yx2x generation and later servers, for

operating system deployment and life cycle management of PowerEdge servers. You can access Dell Lifecycle Controller by pressing <F10> during system boot up.

## Compatibility of Dell Embedded Management products

The following table describes the compatibility for Dell Embedded Management products.

**Table 5. Embedded Management products**

Product Name	iDRAC9 with LC	iSM
Version	5.00.10.00 5.10.10.00	4.1.0.0
Supported Dell EMC Systems	yx3x generation PowerEdge systems	yx2x generation PowerEdge systems
Server Administrator	10.2.0.0	10.2.0.0
Lifecycle Controller	N/A	N/A
iDRAC9 with LC	N/A	5.00.10.00 5.10.10.00
iSM	4.1.0.0	N/A

### **i** NOTE:

- The iDRAC9 features vary based on the license purchased. For more information, see the *iDRAC 9 User's Guide*.
- Using Dell Embedded Management, you can perform out-of-band hardware configuration, operating system deployment, hardware updates, and so on.
- Dell EMC recommends using the latest BIOS available at [www.dell.com/support](http://www.dell.com/support).

## Compatibility of Dell Monitoring products

The following table describes the compatibility of Dell EMC monitoring products.

**Table 6. Monitoring products**

Product Name	Server Administrator	iDRAC9 with LC
<b>Version</b>	<b>10.2.0.0</b>	<b>5.00.10.00</b> <b>5.10.10.00</b>
Server Administrator	10.2.0.0	10.2.0.0
iDRAC9 with LC	5.00.10.00 5.10.10.00	NA

## Compatibility for Dell Remote Management products

The following table describes the compatibility for Dell remote management products.

**Table 7. Remote Management products**

Product Name	iDRAC9 with LC
Version	5.00.10.00

**Table 7. Remote Management products (continued)**

Product Name	iDRAC9 with LC
	5.10.10.00
Server Administrator	10.2.0.0
iDRAC9 with LC	N/A

**NOTE:** Dell EMC recommends using the latest BIOS available at [www.dell.com/support](http://www.dell.com/support).

## Compatibility of Dell Systems Management - Server, Storage Monitoring, Diagnostics, and Management products

The following table describes the compatibility of server, storage monitoring, diagnostics, and management products.

**Table 8. Systems Management**

Product Name	Server Administrator	iSM	OMPC	OMM
Version	10.2.0.0	4.1.0.0	4.1	4.0
Server Administrator	N/A	10.2.0.0	N/A	N/A
iDRAC9 with LC	5.00.10.00	5.00.10.00	5.00.10.00	5.00.10.00
	5.10.10.00	5.10.10.00	5.10.10.00	5.10.10.00
iSM	4.1.0.0	N/A	N/A	N/A
DUP	20.06.00	20.06.00	N/A	N/A

**NOTE:**

- OMSM is part of Server Administrator. However OMSM has its own version. For example, OMSA 7.0 has OMSM 4.0.
- Dell EMC recommends using the latest BIOS available at [www.dell.com/support](http://www.dell.com/support).