

Dell EMC OpenManage Software Compatibility Matrix

Version 10.0.1

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.

For more information, see the *Dell EMC Systems Software Support Matrix* at 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

- Red Hat Enterprise Linux 8.2 and Red Hat Enterprise Linux 8.3
- Red Hat Enterprise Linux 7.9
- VMware ESXi 6.7 U3 and VMware ESXi 7.0 U2
- SUSE Linux Enterprise Server 15 SP2
- Ubuntu 20.04 64bit
- Windows Server 2019
- Windows Server 2016

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

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:

 **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

Table 2. Naming Convention For PowerEdge Systems (continued)

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

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 Dell Change Management Update Products](#)
- [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
10.0.1	10.0.1

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.

Compatibility Of Dell Change Management Update Products

The following table describes the compatibility of Dell Change Management products.

Table 4. Change Management Products

Product Name	DUP	SUU	DSU (Applicable on RedHat / SUSE)	DRM
Version	20.06.00	20.07.00	1.9	3.3.1
DUP	NA	All versions	All versions	All versions
SUU	All versions	NA	NA	All versions
DSU	NA	NA	NA	NA
DRM	All versions	All versions	NA	NA

Table 4. Change Management Products (continued)

Product Name	DUP	SUU	DSU (Applicable on RedHat / SUSE)	DRM
CMC	All versions	All versions	NA	NA
iDRAC9 with LC	All versions	All versions	All versions	NA

NOTE:

- Dell EMC recommends using the latest BIOS available at www.dell.com/Support/Home.
- Dell EMC recommends using Dell System Update instead of YUM Linux repository.

Compatibility Of Deployment Suite Of Products

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

Table 5. Deployment Suite of Products

Product Name	Lifecycle Controller (LC) with
	iDRAC9
Version	4.30.30.00
Server Administrator	10.0.1
iDRAC9 with LC	NA
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 6. Embedded Management Products

Product Name	iDRAC9 with LC	iSM
Version	4.30.30.00	3.5.1
Supported Dell EMC Systems	yx3x generation PowerEdge systems	yx2x generation PowerEdge systems
Server Administrator	10.0.1	10.0.1
Lifecycle Controller	NA	NA
iDRAC9 with LC	NA	4.30.30.00
iSM	3.5.1	NA

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.

Compatibility of Dell Monitoring Products

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

Table 7. Monitoring products

Product Name	Server Administrator	iDRAC9 with LC
Version	10.0.1	4.30.30.00
Server Administrator	10.0.1	10.0.1
iDRAC9 with LC	4.30.30.00	NA

Compatibility for Dell Remote Management Products

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

Table 8. Remote Management Products

Product Name	iDRAC9 with LC
Version	4.30.30.00
Server Administrator	10.0.1
iDRAC9 with LC	NA

NOTE: Dell EMC recommends using the latest BIOS available at 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 9. Systems Management

Product Name	Server Administrator	iSM	OMPC	OMM
Version	10.0.1	3.5.1	4.1	4.0
Server Administrator	NA	10.0.1	NA	NA
iDRAC9 with LC	4.30.30.00	4.30.30.00	4.30.30.00	4.30.30.00
iSM	3.5.1	NA	NA	NA
DUP	20.06.00	20.06.00	NA	NA

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.