Dell EMC OpenManage Software Compatibility Matrix

Version 9.1

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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.**

Contents

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.

> (i) **NOTE:** For information on 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 **dell.com/openmanagemanuals**.

Topics:

Acronyms Used In This Document

The following table lists the acronyms used in this document:

Table 1. Acronyms

Acronym	Product Name
BMC MU	Dell Baseboard Management Controller Management Utility
CMC	Dell Chassis Management Controller
DRAC Tools	Dell Remote Access Controller Tools consisting of the Remote Access Controller Administrator
DRM	Dell Repository Manager
DTK	Dell EMC OpenManage Deployment Toolkit
DUP	Dell Update Packages
DSU	Dell System Update repository
iDRAC	Integrated Dell Remote Access Controller
Lifecycle Controller (LC) (For Dell's 12th generation PowerEdge systems and later.	Dell Lifecycle Controller - Lifecycle Controller Enabled Unified Server configurator (USC) Unified Server Configurator-Lifecycle Controller Enabled (USC-LCE) Remote Enablement (RE)
MN	Dell Managed Nodes (Instrumentation and Remote Enablement)

Acronym	Product Name
iSM For Dell's 12th generation PowerEdge systems and later.	Dell iDRAC Service Module
OME	Dell EMC OpenManage Essentials
OMSM	Dell EMC OpenManage Storage Management
OMM	Dell EMC OpenManage Mobile
OMPC	Dell EMC OpenManage Power Center
Server Administrator / OMSA	Dell EMC OpenManage Server Administrator
SUU	Dell Server Update Utility

Supported Operating Systems

OpenManage Supported operating systems.

- SUSE Linux Enterprise Server 11 SP4
- SUSE Linux Enterprise Server 12 SP3
- Red Hat Enterprise Linux 7.4
- Red Hat Enterprise Linux 6.9
- VMware vSphere 6.0 U3
- VMware vSphere 6.5 U1
- Ubuntu 16.04.3 LTS (Xenial Xerus) from PowerEdge 14G servers onwards

For more information on the supported operating systems, Network Interface Cards (NIC), and PowerEdge RAID Controllers (PERC), see the *Dell EMC Systems Management Software Support Matrix* at **dell.com/openmanagemanuals**

Matrix Information Structure

The products on the left-hand side of the matrix are the main products under the various categories and the products on the right-hand 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-hand side is dependent on the particular product version on the right-hand side.
NA	Indicates that the product on the left-hand side is not dependent or not applicable for the product on the right-hand side.
All	Indicates all the versions of the software supported.

Naming Convention For Dell PowerEdge Systems

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

For the `14th` generation of PowerEdge systems:

Table 2. Naming Convention For Dell PowerEdge Systems

Type of Server	Specifics		
R indicates Rack	**Overall Performance**	**Generation**	**Processor**

Type of Server	Specifics		
T indicates Tower	1 to 5 : Low End Server 5 to 10 : High End Server	4 indicates Dell 14th generation PowerEdge servers	0 — Intel Processor 5 — AMD Processor

For example: Dell PE R740 is Rack , Dell 14th generation PowerEgde server.

OpenManage Software Compatibility Matrix

This section describes the compatibility among the OpenManage products.

ⓘ **NOTE: Dell 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 Dell's 14th generation PowerEdge servers. iDRAC with Lifecycle Controller is an Embedded Systems Management application for operating system deployment and lifecycle 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 (WS-Man) 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
9.1	9.1 9.0.1 8.5.0

ⓘ **NOTE: For more information on managed node instrumentation and remote enablement, see the *Dell EMC Server Administrator Installation Guide (Linux and Windows)* at 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 OS's)			DRM		
Version	NA	17.10.00	16.12.00	16.06.00	1.5	1.4	1.3	2.2.1	2.2	2.1
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		
CMC	All versions	All versions			NA			NA		
iDRAC6 (Rack and Tower)	All versions	All versions			All versions			NA		
iDRAC6 Blade	All versions	All versions			All versions			NA		
iDRAC7 with LC	All versions	All versions			All versions			NA		
iDRAC8 with LC	All versions	All versions			All versions			NA		
iDRAC9 with LC	All versions	All versions			All versions			NA		

ⓘ **NOTE:** It is recommended to use the latest BIOS available at dell.com/support.

ⓘ **NOTE:** Dell recommends using Dell System Update instead of YUM Linux repository, going forward.

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			DTK		
	iDRAC9	iDRAC8	iDRAC7			
Version	3.00.00.00	2.40.40.40	2.40.40.40	6.1	6.0.1	5.5
Server Administrator	9.1	8.5	8.5	9.1	9.0.1	8.5
M1000e CMC	6.0	5.2	5.2	6.0	5.2	5.2
VRTX CMC	3.0	2.2	2.2	3.0	2.2	2.2
FX2 CMC	2.0	1.4	1.4	2.0	1.4	1.4
BMC MU	NA	NA	NA	NA	NA	NA
iDRAC6 (Rack and Tower)	NA	NA	NA	2.85	2.85	2.85
iDRAC6 (Blade)	NA	NA	NA	3.80	3.80	3.80
iDRAC7 with LC	NA	NA	NA	2.40.40.40	2.40.40.40	2.40.40.40
iDRAC8 with LC	NA	NA	NA	2.40.40.40	2.40.40.40	2.40.40.40
iDRAC9 with LC	NA	NA	NA	2.40.40.40	2.40.40.40	2.40.40.40
DUP	17.10.00	16.06.00	16.06.00	17.10.00	16.06.00	16.06.00

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> **NOTE:** Dell 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 Dell 14G servers. iDRAC with Lifecycle Controller is an Embedded Systems Management application, available on Dell 11G and later servers, for operating system deployment and lifecycle management of PowerEdge servers. You can access Dell Lifecycle Controller by pressing <F10> during system boot up.

DTK Deprecation Message

The OpenManage Deployment Toolkit (DTK) along with the associated tools and capabilities will be deprecated for version 6.0.1 and later:

- Redundant Array of Independent Disks Configuration (RAIDCFG) Utility
- System Configuration (SYSCFG) Utility
- ELI tool
- Utility Partition (UPINIT)

It is recommended to use the RACADM Command Line (CLI) as a replacement for the RAIDCFG and SYSCFG utilities. For more information on downloading RACADM, see **support.dell.com**.

> **NOTE:** DTK will continue to support any new hardware or operating system for the 14th generation of PowerEdge servers. However, support for later generations of PowerEdge servers will be deprecated. For more information about features supported by DTK, see the latest User's Guide available at dell.com/openmanagemanuals .

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	iDRAC8 with LC		iDRAC7 with LC		iSM			Lifecycle Controller (LC)	
Version	3.11.11.11	2.40.40.40		2.40.40.40		3.1	3.0.1	2.4	1.75	1.7
Supported Dell Systems	Dell's 14th generation PowerEdge systems	Dell's 13th generation PowerEdge systems		Dell's 12th generation PowerEdge systems		Dell's 14th generation PowerEdge systems	Dell's 13th generation PowerEdge systems	Dell's 12th generation PowerEdge systems	Dell's 11th generation PowerEdge systems	
Server Administrator	9.1	8.5	8.4	8.5	8.4	9.1	9.0.1	8.5	NA	NA
Lifecycle Controller	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
iDRAC7 with LC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
iDRAC8 with LC	NA	NA	NA	NA	NA	2.40.40.40	2.40.40.40	2.40.40.40	NA	NA
iDRAC9 with LC	NA	NA	NA	NA	NA	3.11.11.11	2.40.40.40	2.40.40.40	NA	NA
M1000e CMC	6.0	5.2	5.2	5.2	5.2	NA	NA	NA	4.45	4.3 and later
VRTX CMC	3.0	2.2	2.2	2.2	2.2	NA	NA	NA	NA	NA
FX2 CMC	2.0	1.4	1.4	1.4	1.4	NA	NA	NA	NA	NA

Product Name	iDRAC9 with LC	iDRAC8 with LC		iDRAC7 with LC		iSM			Lifecycle Controller (LC)	
iSM	3.1	2.5	2.4	2.5	2.4	NA	NA	NA	NA	NA
BMC MU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

ⓘ **NOTE:** The iDRAC9 features vary based on the license purchased. For more information, see the *iDRAC 9 User's Guide*.

ⓘ **NOTE:** Using Dell Embedded Management, you can perform out-of-band hardware configuration, operating system deployment, hardware updates, and so on.

ⓘ **NOTE:** It is recommended to use the latest BIOS available at dell.com/support.

Compatibility Of Dell Monitoring Products

The following table describes the compatibility of Dell monitoring products.

Table 7. Monitoring Products

Product Name	Server Administrator			iDRAC9 with LC	iDRAC8 with LC		iDRAC7 with LC		M1000e		VRTX CMC		FX2 CMC		OME		
Version	9.1	9.0.1	8.5	3.11.11.11	2.40.40.40		2.40.40.40		6.0		3.0		2.0		2.3	2.2	2.2
Server Administrator	9.1	9.0.1	8.5	9.1	8.5	8.4	8.5	8.4	9.1	8.5	9.1	8.5	9.1	8.5	9.1	9.0.1	8.5
iDRAC7 with LC	2.40.40.40			NA	NA		NA		NA		NA		NA		NA		
iDRAC8 with LC	2.40.40.40			NA	NA		NA		2.40.40.40		2.40.40.40		2.40.40.40		NA		
iDRAC9 with LC	3.11.11.11	2.40.40.40		NA	NA		NA		2.40.40.40		2.40.40.40		2.40.40.40		NA		
iSM	3.1	3.0.1	2.5	3.1	2.5	2.4	2.5	2.4	NA		NA		NA		NA		
M1000e CMC	6.0			6.0	5.2		5.2		NA		NA		5.2		5.1		
VRTX CMC	3.0			3.0	2.2		2.2		NA		NA		2.2		2.1		
FX2 CMC	2.0			2.0	1.4		1.4		NA		NA		NA		2.3	1.3	
OME	2.3			2.3	2.2		2.2		2.2		2.2		NA		NA		
OMPC	NA			3.2	3.2		3.2		NA		NA		NA		NA		
OMM	2.0.1	2.0	1.5	2.0.1	1.5	1.4	1.5	1.4	NA		NA		NA		2.0.1	2.0	1.5

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	iDRAC8 with LC	iDRAC7 with LC	M1000e CMC	VRTX CMC	FX2 CMC	BMC MU
Version	3.11.11.11	2.40.40.40	2.40.40.40	6.0	3.0	2.0	4.6
Server Administrator	9.1	8.5 / 8.4	8.5 / 8.4	8.5 / 8.4	9.1 / 9.0.1 / 8.5	9.0.1 / 8.5 / 8.4	6.4 - 7.0
Lifecycle Controller	NA	NA	NA	NA	NA	NA	1.5
iDRAC7 with LC	NA	NA	NA	2.40.40.40	2.30.30.30	2.40.40.40	1.0.0 with 1.0
iDRAC8 with LC	NA	NA	NA	NA	2.30.30.30	2.40.40.40	NA
iDRAC9 with LC	NA	NA	NA	NA	3.11.11.11 / 3.00.00.00	3.11.11.11 / 3.00.00.00	NA
M1000e CMC	6.0			NA	NA	NA	NA
VRTX CMC	3.0			2.2	NA	NA	NA
FX2 CMC	2.0			1.4	1.4	NA	NA
BMC MU	NA			NA	NA	NA	NA

ⓘ | NOTE: It is recommended to use the latest BIOS available at 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	OME	iSM	OMPC	OMM
Version	9.1 / 9.0.1 / 8.5	2.3 / 2.2	3.1 / 3.0.1 / 2.5	4.0 / 3.2 / 3.1	2.0.1 / 2.0 / 1.5
Server Administrator	NA	9.1 / 9.0.1 / 8.5	9.1 / 9.0.1 / 8.5	NA	NA
OME	2.3 / 2.2	NA	2.3 / 2.2	NA	2.3 / 2.2
iDRAC7 with LC	2.40.40.40	2.30.30.30	2.40.40.40	2.40.40.40	2.40.40.40
iDRAC8 with LC	2.40.40.40	2.30.30.30	2.40.40.40	2.40.40.40	2.40.40.40
iDRAC9 with LC	3.11.11.11 / 3.00.00.00	3.11.11.11 / 3.00.00.00	3.11.11.11 / 3.00.00.00	3.11.11.11 / 3.00.00.00	3.11.11.11 / 3.00.00.00

Product Name	Server Administrator			OME			iSM	OMPC	OMM
iSM	3.1	3.0.1	2.5	3.1	3.0.1	2.5	NA	NA	NA
M1000e CMC	6.0			5.1			NA	NA	NA
VRTX CMC	3.0			2.1			NA	NA	NA
FX2 CMC	2.0			1.3			NA	NA	NA
BMC MU	NA			NA			NA	NA	NA
DUP	All versions			15.06.201			NA	NA	NA

(i) **NOTE:** OMSM is part of Server Administrator. However OMSM has its own version. For example, OMSA 7.0 has OMSM 4.0.

(i) **NOTE:** It is recommended to use the latest BIOS available at dell.com/support.

(i) **NOTE:** OME 1.0 and DRM 1.8 must be installed on the same system; however, DRM 1.8 can access OME 1.1 and higher versions inventory data from a remote system. In DRM 1.8, you must click Connect to obtain inventory data from OME irrespective of the version of OME it interacts.

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