

Dell OpenManage Systems Management Software  
**Compatibility Matrix Version 1.0**



## Notes



**NOTE:** A NOTE indicates important information that helps you make better use of your computer.

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# Overview

This document provides information regarding compatibility matrices and minimum versions required for the Dell OpenManage software products to interoperate. The *Dell OpenManage Systems Management Support Matrix* provides further support information. To view the support matrix, navigate to [support.dell.com/manuals](http://support.dell.com/manuals), and on the **Manuals** page click **Software**→**Systems Management**→**Dell OpenManage Releases**. Click the relevant version of **Dell OpenManage Release** and click **Support Matrix** to view the support matrix.

The document is primarily divided into two parts:

- [Dell OpenManage Software Compatibility Matrix](#)
- [Dell OpenManage Connections Compatibility Matrix](#)

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 product on the right hand side.

NA indicates that a particular product is not applicable to the other product.



**NOTE:** Upgrade the OpenManage components to the latest version to effectively use the latest features.

## Acronyms Used in this Document

**Table 1-1. Acronyms**

Product Name	Acronym
Dell OpenManage Server Administrator	Server Administrator/OMSA
Dell OpenManage Storage Management	OMSM
Dell Managed Nodes (Instrumentation and Remote Enablement)	MN
Dell OpenManage IT Assistant	ITA
Dell Management Console	DMC
Dell Lifecycle Controller - Unified Server Configurator	USC
Dell Lifecycle Controller - Unified Server Configurator - Lifecycle Controller Enabled, Remote Enablement	USC-LCE, RE
Dell OpenManage Deployment Toolkit	DTK
Dell Systems Build and Update Utility	SBUU
Dell Remote Access Controller	DRAC
Integrated Dell Remote Access Controller	iDRAC
Dell Remote Access Controller Tools consisting of the Remote Access Controller Administrator	DRAC Tools
Dell Remote Access Controller Modular Chassis	DRAC/MC
Dell Chassis Management Controller	CMC
Dell Baseboard Management Controller	BMC
Dell Server Update Utility	SUU
Dell Update Packages	DUP
Yellowdog Updater, Modified	YUM
Dell Repository Manager	RM
Dell OpenManage Client Instrumentation	OMCI

**Table 1-1. Acronyms (continued)**

Product Name	Acronym
Modular Disk Storage Manager	MDSM
Microsoft System Center Operations Manager	SCOM
Microsoft System Center Essentials	SCE
Microsoft System Center Virtual Machine Manager	SCVMM
Microsoft System Center Configuration Manager	ConfigMgr
HP Operations Manager	HPOM
Dell Smart Plug-in	SPI

## Naming Convention for Dell PowerEdge Systems and PowerVault Servers

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

For the earlier generation of servers (8th and 9th Generation Servers): aBcd where

- a = server class/ capabilities
- B = generation
- c = 5 for rack servers, 0 for tower servers
- d = 0 for Intel and 5 for AMD processors

For example, in a 2850 server, 2 indicates the server class, 8 indicates the generation, 5 indicates that it is a rack server, and 0 indicates that it has an Intel processor.

For the present generation of servers (10th and 11th Generation Servers): wxYz where

- w = M/R/T (Modular, Rack, Tower)
- x = server class/capabilities
- Y = generation
- z = 0 Intel and 5 for AMD processors

For example, in a M710 server, M indicates that it is a Modular Server, 7 indicates the server class, 1 indicates that it is a 11th generation server, and 0 indicates that it has an Intel processor.


## Dell OpenManage Software Compatibility Matrix

### Compatibility for Dell Systems Management - Server, Storage Monitoring, Diagnostics, and Management Products

Table 1-2 describes the compatibility for server, storage monitoring, diagnostics, and management products.

**Table 1-2. Server, Storage Monitoring, Diagnostics, and Management Matrix**

Main Product Name	Product Version	Other product versions required to Operate with the main product									
		Server Administrator / OMSA	ITA	DMC	DRAC5	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	CMC	BMC	DUP	USC, USC-LCE, RE
Server Administrator/ OMSA	6.5.0	NA	8.7.0 - 8.9.0	1.1-2.0	1.5 - 1.6	1.5 - 1.7	3.0 - 3.2	3.1 - 3.2	1.70	6.3.0 - 6.5.0	NA
	6.4.0	NA	8.6.0 - 8.8.0	1.1-2.0	1.45 - 1.6	1.3 - 1.5	2.2 - 3.0	3.0 - 3.1	1.70		NA
ITA	8.9.0	4.3.0 - 6.5.0*	NA	NA	1.45 -1.6	NA	NA	3.1 - 3.2	1.70	4.3.0 - 6.5.0	NA
	8.8.0	4.3.0 - 6.4.0*	NA	NA	1.45 -1.6	NA	NA	3.0 - 3.1	1.70	4.3.0 - 6.4.0	NA
DMC	2.0.2	4.3.0 - 6.5.0*	NA	NA	1.45 - 1.6	1.5 - 1.7	3.0 - 3.2	3.1 - 3.2	1.70	4.3.0 - 6.5.0	1.3 - 1.5
	1.1.0	4.3.0 - 6.2.0*	NA	NA	1.45 - 1.5	1.3 - 1.5	2.2 - 3.0	3.0 - 3.1	1.70	4.3.0 - 6.5.0	1.3 - 1.5
Online Diagnostics	2.19.0	6.0.0 - 6.5.0	NA	NA	NA	NA	NA	NA	NA	6.5.0	NA


 **NOTE:** OMSM is a part of Server Administrator and shares the same version as Server Administrator. It is always available along with Server Administrator.

## Compatibility between OMSA Web Server and Managed Nodes

Table 1-3 describes the compatibility for OMSA web server and managed nodes.

**Table 1-3. OMSA Web Server and Managed Nodes Matrix**

OMSA Web Server Version	MN (Instrumentation + Remote Enablement ) version
6.5.0	6.5.0
	6.4.0
	6.3.0
6.4.0	6.4.0
	6.3.0
	6.2.1

 **NOTE:** For more information on managed node instrumentation and remote enablement, see the *Dell OpenManage Installation Guide*.

## Compatibility for Dell Deployment Suite of Products

Table 1-4 describes the compatibility for the Dell deployment suite of products.

**Table 1-4. Dell Deployment Suite of Products Matrix**

Main Product Name	Product Version	Other product versions required to operate with the main product							
		Server Administrator/ OMSA	DRAC5	CMC	BMC	DMC	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	DUP
Dell Lifecycle Controller - USC , USC -LCE, and RE	1.5	NA	NA	3.2	NA	1.1 - 2.0	1.7	3.2	NA
	1.4	NA	NA	NA	NA	1.1 - 2.0	1.54	3.02	NA
DTK	3.5	NA	1.5 - 1.6	3.1 - 3.2	1.7	NA	1.7	3.2	6.5.0
	3.4	NA	1.45 - 1.5	3.0 - 3.1	1.7	NA	1.54	3.02	6.4.0
SBUU	1.6.0	6.3.0 - 6.5.0	1.5 - 1.6	3.1 - 3.2	1.7	NA	NA	NA	6.3.0 - 6.5.0
	1.5.0	6.2.0 - 6.4.0	1.45 - 1.5	3.0 - 3.1	1.7	NA	NA	NA	6.2.0 - 6.4.0

## Compatibility for Dell Remote Management Products

Table 1-5 describes the compatibility for Dell remote management products.

**Table 1-5. Dell Remote Management Products Matrix**

Product Name	Product Version	Supported Dell Systems	Other product versions required to operate with the main product					
			Server Administrator/ OMSA	USC, USC- LCE, RE	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	CMC	BMC
DRAC4	1.75	Dell PowerEdge Systems: a8cd	5.5.0 - 6.4.0	NA	NA	NA	NA	1.83
	1.60	Dell PowerEdge Systems: a8cd	5.4.0 - 6.1.0	NA	NA	NA	NA	1.83
DRAC5	1.60	Dell PowerEdge Systems Rack and Tower Systems: a9cd to wx1z Dell PowerVault Servers: a9cd to wx1z	6.5.0	NA	NA	NA	NA	1.29 or later
	1.50	Dell PowerEdge Systems Rack and Tower Systems: a9cd to wx1z Dell PowerVault Servers: a9cd to wx1z	6.2.0	NA	NA	NA	NA	1.29 or later
iDRAC6 - Rack and Tower Systems	1.7	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.3.0 - 6.5.0	1.5	NA	NA	NA	1.29 or later
	1.5	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.2.0 - 6.4.0	1.4	NA	NA	NA	1.29 or later
iDRAC6 - Blade Systems	3.2	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.3.0 - 6.5.0	1.5	NA	NA	3.1 - 3.2	NA
	3.0	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.2.0 - 6.4.0	1.4	NA	NA	3.0 - 3.1	NA
CMC	3.2	Dell PowerEdge Systems (Modular): wx0z to wx1z	6.3.0 - 6.5.0	1.5*	NA	3.20*	NA	NA
	3.1	Dell PowerEdge Systems (Modular): wx0z to wx1z	6.2.0 - 6.4.0	NA	NA	3.00*	NA	NA
BMC	1.83	Dell PowerEdge Systems (Modular): wx0z to wx1z	6.3.0 - 6.5.0	1.5	1.70	3.20	NA	NA
	1.70	Dell PowerEdge Systems (Modular): wx0z to wx1z	6.2.0 - 6.4.0	1.4	1.54	3.00	NA	NA




## Compatibility for Dell Embedded Management Products

Table 1-6 describes the compatibility for Dell embedded management products.

**Table 1-6. Dell Embedded Management Products Matrix**

Product Name	Product Version	Supported Dell Systems	Other product versions required to operate with the main product						
			Server Administrator/OMSA	USC, USC-LCE, RE	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	CMC	BMC	DMC
iDRAC6 - Rack and Tower Systems	1.7	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.3.0 - 6.5.0	1.5	NA	NA	NA	1.70	NA
	1.5	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.2.0 - 6.4.0	1.4	NA	NA	NA	1.70	NA
iDRAC6 - Blade Systems	3.2	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.3.0 - 6.5.0	1.5	NA	NA	3.1 - 3.2	NA	NA
	3.0	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	6.2.0 - 6.4.0	1.4	NA	NA	3.0 - 3.1	NA	NA
USC , USC -LCE, and RE	1.5	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	NA	NA	1.7	3.2	3.2	NA	1.1 - 2.0
	1.4	Dell PowerEdge Systems: wx1z Dell PowerVault Servers: wx1z	NA	NA	1.54	3.02	NA	NA	1.1 - 2.0

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

## Compatibility for Dell Change Management (Update) Products

Table 1-7 describes the compatibility for Dell change management products.

**Table 1-7. Dell Change Management Products Matrix**

Product Name	Product Version	Other product versions required to operate with the main product							
		DUP	SUU	YUM	RM	CMC	DMC	ITA	USC, USC-LCE, RE
SUU	6.5.0	6.5.0	NA	NA	1.2	NA	2.0.1	8.9.0	1.5
	6.4.0	6.4.0	NA	NA	1.1	NA	1.1	8.8.0	1.4
DUP	6.5.0	NA	6.5.0	6.5.0	1.2	NA	2.0.1	8.9.0	NA
	6.4.0	NA	6.4.0	6.4.0	1.1	NA	1.1	8.8.0	NA
YUM Repository	6.5.0	6.5.0	NA	NA	NA	NA	NA	8.9.0	NA
	6.4.0	6.4.0	NA	NA	NA	NA	NA	8.8.0	NA
RM	1.2	6.3.0 - 6.5.0	6.4.0	NA	NA	NA	2.0	8.9.0	NA
	1.1	6.2.0 - 6.5.0	6.3.0	NA	NA	NA	1.1	8.8.0	NA


# Dell OpenManage Connections Compatibility Matrix

## Dell Management Packs for SCOM/SCE/SCVMM

Table 1-8 describes the compatibility for Dell management packs for SCOM/SCE/SCVMM.

**Table 1-8. Dell Management Packs for SCOM/SCE/SCVMM Matrix**

Connection Name	Connection Version	Supported Dell Devices	Product versions required to operate with the connection						
			Server Administrator/ OMSA	BMC Management Utility	DRAC Tools	MDSM	OMCI	Firmware Versions	
Dell Server Management Pack Suite	4.1	Dell PowerEdge Systems: a8cd to wx1z Dell PowerVault Servers: a8cd to wx1z	5.5.0 - 6.4.0	2.0	5.5 - 6.4	NA	NA	DRAC4	1.71, 1.75
								DRAC 5	1.5, 1.51
								iDRAC6 Blade	2.3, 3.0, 3.2
								iDRAC6 Rack and Tower	1.5, 1.54
								CMC	2.1 - 3.0
	DRAC/MC	1.5 and 1.6							
4.0	Dell PowerEdge Systems: a7cd to wx1z Dell PowerVault Servers: a8cd to wx1z	5.4.0 - 6.1.0	2.0	NA	NA	NA	CMC	1.2, 2.0, 2.01	
							DRAC/MC	1.43, 1.5, 1.6	
Dell Client Management Pack	4.0	Dell Latitude, Optiplex, Precision, Systems	NA	NA	NA	NA	7.6, 7.7	NA	
Dell Printer Management Pack	4.0	Mono Laser Printer	5310n, 5210n, 1720dn, 5330dn, 7330dn, 2330dn	NA	NA	NA	NA	NA	NA
		Color Laser Printer	3110cn, 3010cn, 1320c, 2130cn, 3130cn						
		Mono Laser Multifunction Printer	1815n, 2335dn						
		Color Laser Multifunction Printer	1235cn, 2135cn, 2145cn, 3115cn						
Dell EqualLogic Storage Management Pack	4.0	PS5000, PS5500, PS6000, PS6500, PS4000, PS6010, PS6510	NA	NA	NA	NA	NA	EqualLogic Controller Firmware version: 4.1, 4.2, 4.3	
Dell MD Storage Arrays Management Pack	4.0	Dell MD3000/3000i Storage Arrays, Dell MD1000 Storage Arrays daisy chained to MD3000/3000i Storage Arrays				03.35		PowerVault MD3000/MD3000i Controller Firmware version: 06.70, 07.35	
Dell Pro Management Pack	2.0	Dell PowerEdge Systems: a9cd to wx1z	5.3.0 - 6.2.0	NA	NA	NA	NA	NA	
	1.0	Dell PowerEdge Systems: a8cd to wx1z	5.3.0 - 6.0.2	NA	NA	NA	NA	NA	

 **NOTE:** All management packs are applicable to both SCOM and SCE.

## Dell Integrations for ConfigMgr

Table 1-9 describes the compatibility for Dell integrations for ConfigMgr.

**Table 1-9. Dell Integrations for ConfigMgr Matrix**

Connection Name	Version	Supported Dell Devices	Product versions required to operate with the connection		
			DSDP	iDRAC6	USC, USC-LCE, RE
Dell Server Deployment Pack for ConfigMgr	1.2	Dell PowerEdge Systems: a8cd to wx1z  Dell PowerVault Servers: a8cd to wx1z	NA	NA	NA
	1.1	Dell PowerEdge Systems: a9cd to wx1z  Dell PowerVault Servers: a9cd to wx1z	NA	NA	NA
Dell Lifecycle Controller Intregation for ConfigMgr	1.2	Dell PowerEdge Systems: wx1z	1.2	Blade Systems: 3.2 and later Rack and Tower Systems: 1.54 and later	1.4

 **NOTE:** Dell Server Deployment Pack for ConfigMgr is dependent on the latest version of OpenManage.

## Dell Smart Plug-in For HPOM

Table 1-10 describes the compatibility for Dell SPI for HPOM.

**Table 1-10. Dell SPI for HPOM Matrix**

Connection Name	Version	Supported Dell Devices	Product versions required to operate with the connection
			Server Administrator/OMSA
Dell SPI for HPOM (Windows Systems)	2.0	Dell PowerEdge Systems: a8cd to wx1z Dell PowerVault Servers: a8cd to wx1z	5.5.0 - 6.5.0
	1.1	Dell PowerEdge Systems: a8cd to wx1z Dell PowerVault Servers: a8cd to wx1z	5.5.0 - 6.3.0
Dell SPI for HPOM (Linux Systems)	2.0	Dell PowerEdge Systems: a9cd to wx1z	6.1.0 - 6.5.0
	1.1	Dell PowerEdge Systems: a9cd to wx1z	6.1.0 - 6.3.0
Dell SPI for HPOM (ESXi Systems)	2.0	Dell PowerEdge Systems: a9cd to wx1z	6.1.0 - 6.5.0
	1.1	Dell PowerEdge Systems: a9cd to wx1z	6.1.0 - 6.3.0