

# **Dell OpenManage Systems Management Software Compatibility Matrix**

**Version 2.0**

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## Notes, Cautions, and Warnings



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



**CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.



**WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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## **Contents**

1.	Overview .....	4
	Acronyms Used in This Document .....	4
	Naming Convention for Dell PowerEdge Systems and PowerVault Servers.....	5
2.	Dell OpenManage Software Compatibility Matrix.....	6
	Compatibility of Dell Systems Management - Server, Storage Monitoring, Diagnostics, and Management Products.....	6
	Compatibility of OMSA Web Server and Managed Nodes .....	7
	Compatibility of Dell Deployment Suite of Products .....	7
	Compatibility of Dell Remote Management Products.....	8
	Compatibility of Dell Embedded Management Products .....	9
	Compatibility of Dell Change Management (Update) Products .....	10
	Compatibility of Dell Monitoring Products .....	11
	Compatibility of Dell Maintenance Products.....	12
3.	Dell OpenManage Integration and Connections Compatibility Matrix .....	13
	Dell Management Packs for SCOM 2007 R2 / SP1, SCE 2007 SP1 / 2010, and SCVMM 2008 / R2 / SP1 .....	13
	Dell Integrations for ConfigMgr .....	16
	Dell OpenManage Connection for HP Operations Manager .....	17
	Dell OpenManage Connection for IBM Tivoli Netcool/OMNibus.....	17
	Dell OpenManage Connection for CA NSM .....	17

# 1. Overview

This document provides information about the interoperability of the Dell OpenManage software products. The document is primarily divided into two parts:

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

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

For additional information, see the *Dell OpenManage Systems Management Support Matrix*. To view the support matrix, navigate to [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.

## Acronyms Used in This Document

The following table lists the acronyms used in this document:

Product Name	Acronym
Dell Baseboard Management Controller Management Utility	BMC MU
Dell Chassis Management Controller	CMC
Dell Lifecycle Controller - Lifecycle Controller Enabled, Remote Services	Lifecycle Controller, RS For yx2x systems: Lifecycle Controller 2
Dell Managed Nodes (Instrumentation and Remote Enablement)	MN
Dell OpenManage Essentials	OME
Dell Management Console	DMC
Dell OpenManage Client Instrumentation	OMCI
Dell OpenManage Deployment Toolkit	DTK
Dell OpenManage IT Assistant	ITA
Dell OpenManage Server Administrator	Server Administrator/OMSA
Dell OpenManage Storage Management	OMSM
Dell Remote Access Controller	DRAC
Dell Remote Access Controller Modular Chassis	DRAC/MC
Dell Remote Access Controller Tools consisting of the Remote Access Controller Administrator	DRAC Tools

Dell Repository Manager	DRM
Dell Server Update Utility	SUU
Dell Systems Build and Update Utility	SBUU
Dell Update Packages	DUP
HP Operations Manager	HPOM
Integrated Dell Remote Access Controller	iDRAC
Microsoft System Center Configuration Manager	ConfigMgr
Microsoft System Center Essentials	SCE
Microsoft System Center Operations Manager	SCOM
Microsoft System Center Virtual Machine Manager	SCVMM
Modular Disk Storage Manager	MDSM
Yellowdog Updater, Modified	YUM

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.

NA# indicates that the particular product needs to be available and enabled for some of the features in the other product to function as expected.

## 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 (till Dell PowerEdge 9th generation servers): **xxxx** where x denotes numbers.

For example, in a PowerEdge 2950 server, 2 denote the server class, 9 denote the server generation, 5 denote the server type (Rack server), and 0 denote the processor (Intel).

For the current generation of servers (PowerEdge 10th, 11th and 12th generation servers): **Yxxx** where y denotes alphabets, for example M, R, or T; and x denotes numbers.

For example, in a PowerEdge M710 server, M denotes server type (Blade), 7 denote the server class, 1 denotes 11th generation server, and 0 denotes the processor (Intel).

## 2. Dell OpenManage Software Compatibility Matrix

This section describes the compatibility among the Dell OpenManage products.

### 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.

Main Product Name	Version	Other product versions required to operate with the main product											
		Server Administrator/OMSA	OME	ITA	DMC	DRAC5	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	iDRAC7 with LC	CMC	BMC MU	DUP	Lifecycle Controller, RS
Server Administrator/OMSA	7.0	NA	1.0	8.7-8.9	1.1-2.0	1.5-1.6	1.8	3.3	1.0	3.2-4.0	4.6	6.4-7.0	NA#
	6.5	NA	1.0	8.7-8.9	1.1-2.0	1.5-1.6	1.5-1.7	3.0-3.2	NA	3.1-3.2	4.5	6.3-6.5	NA
	6.4	NA	1.0	8.6-8.8	1.1-2.0	1.45-1.6	1.3-1.5	2.2-3.0	NA	3.0-3.1	4.4	6.2-6.4	NA
OME	1.0.1	7.0	NA	NA	NA	1.5-1.6	1.8	3.3	1.0	3.2-4.0	4.6	6.5-7.0	1.5.x-2.0
	1.0	6.5	NA	NA	NA	1.5-1.6	1.5-1.7	3.0-3.2	NA	3.1-3.2	4.5	6.5	1.3-1.5.x
ITA	8.9	4.3.0-7.0.0*	NA	NA	NA	1.45-1.6	NA	NA	NA	3.1-3.3	4.6	4.3-7.0	NA
	8.8	4.3.0-6.4.0*	NA	NA	NA	1.45-1.6	NA	NA	NA	3.0-3.1	4.5	4.3-6.4	NA
DMC	2.0.3	6.5.0-7.0.0*	NA	NA	NA	1.45-1.6	1.7-1.8	3.2-3.3	1.0	3.2-4.0	4.6	6.5-7.0	1.3-1.5.x
	2.0.2	4.3.0-6.5.0*	NA	NA	NA	1.45-1.6	1.5-1.7	3.0-3.2	NA	3.1-3.2	4.5	4.3-6.5	1.3-1.4
	1.1	4.3.0-6.2.0*	NA	NA	NA	1.45-1.5	1.3-1.5	2.2-3.0	NA	3.0-3.1	4.4	4.3-6.5	1.3-1.4
Online Diagnostics	2.19.0	6.0 .0-6.5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5	NA

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

## Compatibility of OMSA Web Server and Managed Nodes

The following table describes the compatibility of OMSA web server and managed nodes.

OMSA Web Server Version	MN (Instrumentation + Remote Enablement ) version
7.0.0	7.0.0 6.5.0 6.4.0
6.5.0	6.5.0 6.4.0 6.3.0
6.4.0	6.4.0 6.3.0 6.2.0

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

## Compatibility of Dell Deployment Suite of Products

The following table describes the compatibility of the Dell deployment suite of products.

Main Product Name	Version	Other product versions required to operate with the main product							
		Server Administrator/ OMSA	DRAC5	CMC	BMC MU	DMC	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	DUP
Lifecycle Controller and RS	2.0	NA	NA	4.0	NA	1.1- 2.0	1.7	3.2	NA
	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	4.0	NA	1.5-1.6	3.2- 4.0	4.6	NA	1.8	3.3	7.0
	3.5	NA	1.5-1.6	3.1- 3.2	4.5	NA	1.7	3.2	6.5
	3.4	NA	1.45- 1.5	3.0- 3.1	4.5	NA	1.54	3.02	6.4
SBUU	2.0.0	7.0	1.5-1.6	3.1- 3.2	4.6	NA	NA	NA	6.3- 6.5
	1.6.0	6.5	1.5-1.6	3.1- 3.2	4.5	NA	NA	NA	6.3- 6.5
	1.5.0	6.4	1.45-1.5	3.0- 3.1	4.5	NA	NA	NA	6.2- 6.4

## Compatibility of Dell Remote Management Products

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

Product Name	Version	Supported Dell Systems	Other product versions required to operate with the main product						
			Server Administrator/ OMSA	Lifecycle Controller, RS	iDRAC7	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	CMC	BMC MU
<b>DRAC5</b>	1.60	Dell PowerEdge Rack and Tower Systems: xxxx to yx0x Dell PowerVault Servers: xxxx to yx0x	6.5	NA	NA	NA	NA	NA	1.29 or later
	1.50	Dell PowerEdge Rack and Tower Systems: xxxx to yx0x Dell PowerVault Servers: xxxx to yx0x	6.2	NA	NA	NA	NA	NA	1.29 or later
<b>iDRAC – Blade Systems</b>	1.60	Dell PowerEdge Systems: yx0x Dell PowerVault Servers: yx0x	6.3–6.5	NA	NA	NA	NA	NA	NA
<b>iDRAC6 - Rack and Tower Systems</b>	1.8	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.5–7.0	1.5	NA	NA	NA	NA	1.7
	1.7	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.3–6.5	1.5	NA	NA	NA	NA	1.29 or later
	1.5	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.2–6.4	1.4	NA	NA	NA	NA	1.29 or later
<b>iDRAC6 - Blade Systems</b>	3.3	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.5–7.0	1.5	NA	NA	NA	3.1 - 3.2	NA
	3.2	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.3–6.5	1.5	NA	NA	NA	3.0 - 3.1	NA
	3.0	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.2–6.4	1.4	NA	NA	NA	3.0 – 3.1	NA

<b>iDRAC7</b>	1.0	Dell PowerEdge Systems: yx2x Dell PowerVault Servers: yx2x	7.0	LC2 1.0	NA	NA	NA	NA	NA
<b>CMC</b>	4.0	Dell PowerEdge M1000e	6.4-7.0	1.5*	1.0	NA	3.3*	NA	NA
	3.2	Dell PowerEdge M1000e	6.3-6.5	1.5*	NA	NA	3.20*	NA	NA
	3.1	Dell PowerEdge M1000e	6.2-6.4	NA	NA	NA	3.00*	NA	NA
<b>BMC MU</b>	4.6	Dell PowerEdge Systems (Blade): xxxx to yx2x	6.4-7.0	1.5	1.0	1.8	3.3	NA	NA
	4.5	Dell PowerEdge Systems (Blade): xxxx to yx1x	6.3-6.5	1.5	NA	1.7	3.2.0	NA	NA

## Compatibility of Dell Embedded Management Products

The following table describes the compatibility of Dell embedded management products.

Product Name	Version	Supported Dell Systems	Other product versions required to operate with the main product						
			Server Administrator /OMSA	Lifecycle Controller, RS	iDRAC6 (Rack and Tower)	iDRAC6 (Blade)	CMC	BMC MU	DMC
<b>iDRAC6 - Rack and Tower Systems</b>	1.8	Dell PowerEdge Systems: yx1 Dell PowerVault Servers: yx1x	6.4-7.0	1.5	NA	NA	NA	1.70	NA
	1.7	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.3-6.5	1.5	NA	NA	NA	1.70	NA
	1.5	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.2- 6.4	1.4	NA	NA	NA	1.70	NA
<b>iDRAC6 - Blade Systems</b>	3.3	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.4-7.0	1.5	NA	NA	3.1-4.0	NA	NA
	3.2	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.3-6.5	1.5	NA	NA	3.1-3.2	NA	NA
	3.0	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	6.2-6.4	1.4	NA	NA	3.0-3.1	NA	NA

<b>iDRAC7*</b>	1.0	Dell PowerEdge Systems: yx2x Dell PowerVault Servers: yx2x	7.0	1.5	NA	NA	4.0	NA	NA
<b>Lifecycle Controller and RS</b>	1.5	Dell PowerEdge Systems: yx2x Dell PowerVault Servers: yx2x	NA	NA	1.7	3.2	3.2	NA	1.1-2.0
	1.4	Dell PowerEdge Systems: yx1x Dell PowerVault Servers: yx1x	NA	NA	1.54	3.02	NA	NA	1.1-2.0

- \* The features vary based on the license purchased. For more information, see the *iDRAC7 User's Guide*.
- **NOTE:** Using Dell Embedded Management, you can perform out-of-band hardware configuration, operating system deployment, hardware updates, and so on.

## Compatibility of Dell Change Management (Update) Products

The following table describes the compatibility of Dell change management products.

Product Name	Version	Other product versions required to operate with the main product							
		DUP	SUU	YUM	DRM	CMC	DMC	ITA	Lifecycle Controller, RS
<b>SUU</b>	7.0	7.0	NA	NA	1.4	NA	2.0.3	8.9	1.5
	6.5	6.5	NA	NA	1.2	NA	2.0.1	8.9	1.5
	6.4	6.4	NA	NA	1.1	NA	1.1	8.8	1.4
<b>DUP</b>	7.0	NA	7.0	7.0	1.4	NA	2.0.3	8.9	NA
	6.5	NA	6.5	6.5	1.2	NA	2.0.1	8.9	NA
	6.4	NA	6.4	6.4	1.1	NA	1.1	8.8	NA
<b>YUM Repository</b>	7.0	7.0	NA	7.0	NA	NA	NA	8.9	NA
	6.5	6.5	NA	NA	NA	NA	NA	8.9	NA
	6.4	6.4	NA	NA	NA	NA	NA	8.8	NA
<b>DRM</b>	1.4	6.4-7.0	6.4-7.0	NA	NA	3.0	2.0.3	8.9	NA
	1.3	6.3-6.5	6.3-6.5	NA	NA	3.0	2.0	8.9	NA
	1.2	6.3-6.5	6.2-6.4	NA	NA	3.0	1.1	8.8	NA



<b>ITA</b>	8.9	4.3-7.0*	1.45-1.6	NA	NA	NA	NA	3.1-3.3	NA	NA	NA
	8.8	4.3-6.4*	1.45-1.6	NA	NA	NA	NA	3.0-3.1	NA	NA	NA
<b>DMC</b>	2.0.3	6.5-7.0*	1.45-1.6	NA	1.7-1.8	3.2-3.3	1.0	3.2-4.0	NA	NA	NA
	2.02	4.3-6.5*	1.45-1.6	NA	1.5-1.7	3.0-3.2	NA	3.1 -3.2	NA	NA	NA
	1.1	4.3-6.2*	1.45-1.5	NA	1.3-1.5	2.2-3.0	NA	3.0-3.1	NA	NA	NA
<b>OME</b>	1.0.1	7.0	1.5-1.6	NA	1.8	3.3	1.0	3.2-4.0		NA	NA
	1.0	6.5	1.5-1.6	NA	1.5-1.7	3.0-3.2	NA	3.1-3.2		NA	NA

\*\* The features vary based on the license purchased. For more information, see the *iDRAC7 User's Guide* and *Lifecycle Controller User's Guide*.

## Compatibility of Dell Maintenance Products

The following table describes the compatibility of Dell Maintenance Products.

Product Name	Version	Other product versions required to operate with the main product			
		LC	iDRAC7	iDRAC6 (Blade)	iDRAC6 (Rack and Tower)
<b>LC</b>	1.5	NA	1.0	3.2	1.7
	1.4	NA	NA	3.0.2	1.54
<b>iDRAC7</b>	1.0	1.5	NA	NA	NA
<b>iDRAC6 (Rack and Tower)</b>	1.8	1.5	NA	NA	NA
	1.7	1.5	NA	NA	NA
	1.5	1.4	NA	NA	NA
<b>iDRAC6 (Blade)</b>	3.3	1.5	NA	NA	NA
	3.2	1.5	NA	NA	NA
	3.1	1.4	NA	NA	NA

### 3. Dell OpenManage Integration and Connections Compatibility Matrix

This section describes the compatibility of the Dell OpenManage products with Dell OpenManage Connections products.

#### Dell Management Packs for SCOM 2007 R2 / SP1, SCE 2007 SP1 / 2010, and SCVMM 2008 / R2 / SP1

The following table describes the compatibility of Dell management packs for SCOM/SCE/SCVMM.

Connection Name	Version	Supported Dell Devices	Product versions required to operate with the connection											
			Server Administrator / OMSA	BMC Management Utility	DRA C Tools	MDSM	OMC I	Firmware Versions						
Dell Server Management Pack Suite	4.1	Dell PowerEdge Systems: xxxx to yx1x Dell PowerVault Servers: xxxx to yx1x	5.5 - 6.4	2.0	5.5 - 6.4	NA	NA	DRAC4						
								1.71, 1.75						
								DRAC 5						
								1.5, 1.51						
								iDRAC6 Blade						
	4.0							2.3, 3.0, 3.2						
								iDRAC6 Rack and Tower						
								CMC						
Dell Client Management Pack	4.1	Dell Latitude, Optiplex, and Precision Systems	NA	NA	NA	NA	7.8, 8.0, 8.0.1	DRAC/MC						
								1.43, 1.5, 1.6						
	4.0							NA						
								NA						
Dell Printer Management Pack	4.1	Mono Laser Printer	Dell 1130n Dell 1135n Dell 1720dn Dell 2330dn Dell 2350dn Dell 2355dn Dell 3330dn Dell 3333dn Dell 3335dn	NA	NA	NA	NA	NA						

			Dell 5210n Dell 5230n/dn Dell 5310n Dell 5330dn Dell 5350dn Dell 5530dn Dell 5535dn Dell 7330dn					
		Color Laser Printer	Dell 1320c Dell 1350cnw Dell 1355cn/cnw Dell 2130cn Dell 2150cn/cdn Dell 2155cn/cdn Dell 3010cn Dell 3110cn Dell 3130cn Dell 5130cdn Dell 7130cdn					
		Mono Laser Multifunction Printer	Dell 1815n Dell 2335dn					
		Color Laser Multifunction Printer	Dell 1235cn Dell 2135cn Dell 2145cn Dell 3115cn					
	4.0	Mono Laser Printer	5310n 5210n 1720dn 5330dn 7330dn 2330dn	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					
<b>Dell EqualLogic</b>	4.1	PS4000 PS4100		NA	NA	NA	NA	EqualLogic Controller Firmware version: 4.3, 5.0, 5.1

<b>Storage Management Pack</b>		PS5000 PS5500 PS6000 PS6010 PS6100 PS6500 PS6510						
	4.0	PS5000 PS5500 PS6000 PS6500 PS4000 PS6010 PS6510	NA	NA	NA	NA	NA	EqualLogic Controller Firmware version: 4.1, 4.2, 4.3
<b>Dell MD Storage Arrays Management Pack</b>	4.1	Dell MD3000/MD3000i and MD3000/MD3000i with MD1000 daisy-chained to it  Dell MD3200/MD3200i and MD3200/MD3200i with MD1200 or MD1220, daisy-chained to it  Dell MD3220/MD3220i and MD3220/MD3220i with MD1200 or MD1220 daisy-chained to it  Dell MD3600i/MD3620i/MD3600f/MD3620f and MD3600i/MD3620i/MD3600f/MD3620f with MD1200 or MD1220 daisy-chained to it	NA	NA	NA	10.70 and 10.75	NA	PowerVault MD3000/MD3000i Controller Firmware versions: 7.35  PowerVault MD3200/MD3200i Controller Firmware versions: 7.70 and 7.75  PowerVault MD3220/MD3220i Controller Firmware versions: 7.70 and 7.75  PowerVault MD3600i/MD3620i/MD3600f/MD3620f Controller Firmware versions: 7.75
	4.0	Dell MD3000/3000i Storage Arrays, Dell MD1000 Storage Arrays daisy chained to MD3000/3000i Storage Arrays	NA	NA	NA	03.35	NA	PowerVault MD3000/MD3000i Controller Firmware versions: 06.70, 07.35
<b>Dell Server Pro Management Pack for SCVMM</b>	2.1	Dell PowerEdge Systems: xxxx to yx1x	6.1-6.5	NA	NA	NA	NA	NA
	2.0	Dell PowerEdge Systems: xxxx to yx1x	5.3-6.2	NA	NA	NA	NA	NA

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

## Dell Integrations for ConfigMgr

The following table describes the compatibility for Dell integrations for ConfigMgr.

Connection Name	Version	Supported Dell Devices	Product versions required to operate with the connection		
			DSDP	iDRAC6	USC, USC-LCE, RS
<b>Dell Server Deployment Pack for ConfigMgr</b>	1.2	Dell PowerEdge Systems: xxxx to yx1x Dell PowerVault Servers: xxxx to yx1x	NA	NA	NA
	1.1	Dell PowerEdge Systems: xxxx to yx1x Dell PowerVault Servers: xxxx to yx1x	NA	NA	NA
<b>Dell Lifecycle Controller Integration for ConfigMgr</b>	1.3	Dell PowerEdge Systems: yx1x	1.2	Blade Systems: 3.2 and later  Rack and Tower Systems: 1.54 and later  Supported version: 1.72 or later	1.5
	1.2	Dell PowerEdge Systems: yx1x	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 OpenManage Connection for HP Operations Manager

The following table describes the compatibility of Dell OpenManage Connection for HP Operations Manager (Smart Plug-in for HPOM).

Connection Name	Version	Supported HPOM Versions	Supported Dell Devices	Product versions required to operate with the connection
				Server Administrator/OMSA
Smart Plug-in for HPOM	2.0	HP Operations Manager for Windows 9.0	Dell PowerEdge Systems: xxxx to yx1x Dell PowerVault Servers: xxxx to yx1x	5.5.0 - 6.5.0 (Windows Systems) 6.1.0 - 6.5.0 (Linux Systems) 6.1.0 - 6.5.0 (ESXi Systems)
Smart Plug-in for HPOM versions 8.10/8.16	1.1	HP Operations Manager for Windows 8.10/8.16	Dell PowerEdge Systems: xxxx to yx1x Dell PowerVault Servers: xxxx to yx1x	5.5.0 - 6.3.0 (Windows Systems) 6.1.0 - 6.3.0 (Linux Systems) 6.1.0 - 6.3.0 (ESXi Systems)

## Dell OpenManage Connection for IBM Tivoli Netcool/OMNIbus

The following table describes the compatibility for Dell OpenManage Connection for IBM Tivoli Netcool/OMNIbus.

Connection Name	Version	Supported Dell Devices	Product versions required to operate with the connection	
			Server Administrator/OMSA	Dell EqualLogic Storage Arrays
Dell OpenManage Connection for IBM Tivoli Netcool/OMNIbus	1.0	Dell PowerEdge Systems: xxxx to yx1x Dell PowerVault Servers: xxxx to yx1x	6.1.0 - 6.5.0	Firmware versions 5.0 and 5.1

## Dell OpenManage Connection for CA NSM

The following table describes the compatibility for CA NSM r11.2 SP1 or CA NSM r11.2 CUM1 or CA NSM r11.1 SP2 or CA NSM r11.2 SP2.

Connection Name	Version	Supported Dell Devices	Product versions required to operate with the connection
			Server Administrator/OMSA
Dell OpenManage Connection for CA NSM	3.4	Dell PowerEdge Systems: xxxx to yx1x	6.1.0 - 6.5.0