

# Dell EMC OpenManage Software Compatibility Matrix

## Version 9.0.1

# 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.

# Contents

|  |          |
|--|----------|
| <b>1 Overview.....</b>   | <b>4</b> |
| Acronyms Used In This Document.....  | 4        |
| Supported Operating Systems.....   | 5        |
| Matrix Information Structure.....  | 5        |
| Naming Convention For Dell PowerEdge Systems.....  | 5        |
| <b>2 OpenManage Software Compatibility Matrix.....</b>   | <b>6</b> |
| Compatibility Of Server Administrator Web Server and Managed Nodes.....  | 6        |
| Compatibility Of Dell Change Management (Update) Products.....   | 6        |
| Compatibility Of Deployment Suite Of Products.....   | 7        |
| DTK Deprecation Message.....   | 7        |
| Compatibility Of Dell Embedded Management Products.....  | 8        |
| Compatibility Of Dell Monitoring Products.....   | 8        |
| Compatibility for Dell Remote Management Products.....   | 9        |
| Compatibility Of Dell Systems Management - Server, Storage Monitoring, Diagnostics, And Management Products..... | 10       |

# Overview

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

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

 **NOTE: For information on compatibility of OpenManage Connections products, see the *Dell EMC OpenManage Connections Compatibility Matrix* at [dell.com/OMConnectionsEnterpriseSystemsManagement](http://dell.com/OMConnectionsEnterpriseSystemsManagement).**

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

## 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<br>Unified Server configurator (USC)<br>Unified Server Configurator-Lifecycle Controller Enabled (USC-LCE)<br>Remote Enablement (RE) |
| MN   | Dell Managed Nodes (Instrumentation and Remote Enablement)  |
| iSM<br>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.

- Microsoft Windows Server 2016
- Microsoft Windows Server 2012 R2
- SUSE Linux Enterprise Server 12 SP2 (64-bit)
- Red Hat Enterprise Linux 7.3 (64-bit)
- Red Hat Enterprise Linux 6.9 (64-bit)
- VMware ESXi 6.0 U3
- VMware ESXi 6.5

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](http://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 14<sup>th</sup> generation of PowerEdge systems:


**Table 2. Naming Convention For Dell PowerEdge Systems**

| Type of Server    | Specifics  |  |  |
|-------------------|--|--|--|
|                   | Overall Performance                                  | Generation   | Processor                                |
| R indicates Rack  |  |  |  |
| T indicates Tower | 1 to 5 : Low End Server<br>5 to 10 : High End Server | 4 indicates Dell 14th generation PowerEdge servers | 0 — Intel Processor<br>5 — AMD Processor |

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

## 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 |
|---|--|
| 9.0.1                                   | 9.0.1<br>8.5.0<br>8.4.0                          |

 **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](http://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          |     |     |
|-------------------------|--------------|--------------|----------|----------|---------------------------------------|-----|-----|--------------|-----|-----|
|                         |              | 16.12.00     | 16.06.00 | 16.04.00 | 1.4                                   | 1.3 | 1.2 | 2.2          | 2.1 | 2.0 |
| Version                 | NA           |              |          |          |                                       |     |     |              |     |     |
| 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](http://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 | 2.40.40.40 | 2.40.40.40 | 6.0.1      | 5.5        | 5.4        |
| Server Administrator    | 9.0.1                          | 8.5        | 8.4        | 8.5        | 8.4        | 9.0.1      | 8.5        | 8.4        |
| M1000e CMC              | 5.2                            | 5.2        | 5.2        | 5.2        | 5.2        | 5.2        | 5.2        | 5.2        |
| VRTX CMC                | 2.2                            | 2.2        | 2.2        | 2.2        | 2.2        | 2.2        | 2.2        | 2.2        |
| FX2 CMC                 | 1.4                            | 1.4        | 1.4        | 1.4        | 1.4        | 1.4        | 1.4        | 1.4        |
| BMC MU                  | NA                             | NA         | NA         | NA         | NA         | NA         | NA         | NA         |
| iDRAC6 (Rack and Tower) | NA                             | NA         | NA         | NA         | NA         | 2.85       | 2.85       | 2.85       |
| iDRAC6 (Blade)          | NA                             | NA         | NA         | NA         | NA         | 3.80       | 3.80       | 3.80       |
| iDRAC7 with LC          | NA                             | NA         | NA         | NA         | NA         | 2.40.40.40 | 2.40.40.40 | 2.40.40.40 |
| iDRAC8 with LC          | NA                             | NA         | NA         | NA         | NA         | 2.40.40.40 | 2.40.40.40 | 2.40.40.40 |
| iDRAC9 with LC          | NA                             | NA         | NA         | NA         | NA         | 2.40.40.40 | 2.40.40.40 | 2.40.40.40 |
| DUP                     | 16.06.00                       | 16.06.00   | 16.06.00   | 16.06.00   | 16.06.00   | 16.06.00   | 16.06.00   | 16.06.00   |

 **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](http://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](http://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                                  | 3.00.00.00 | 2.40.40.40                               |     | 2.40.40.40                               |            | 3.0.1      | 2.4                                      | 2.4           |
| Supported Dell 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 |            |            | Dell's 11th generation PowerEdge systems |               |
| Server Administrator   | 9.0.1                                    | 8.5                                      | 8.4        | 8.5                                      | 8.4 | 9.0.1                                    | 8.5        | 8.4        | 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  | 2.40.40.40                               | 2.40.40.40 | 2.40.40.40 | NA                                       | NA            |
| M1000e CMC             | 5.2                                      | 5.2                                      | 5.2        | 5.2                                      | 5.2 | NA                                       | NA         | NA         | 4.45                                     | 4.3 and later |
| VRTX CMC               | 2.2                                      | 2.2                                      | 2.2        | 2.2                                      | 2.2 | NA                                       | NA         | NA         | NA                                       | NA            |
| FX2 CMC                | 1.4                                      | 1.4                                      | 1.4        | 1.4                                      | 1.4 | NA                                       | NA         | NA         | NA                                       | NA            |
| iSM                    | 3.0.1                                    | 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](http://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              | 9.0.1 | 8.5 | 8.4            | 3.00.00.00     | 2.40.40.40     |        | 2.40.40.40 | 5.2     | 2.2 |     | 1.4 | 2.3   | 2.2 | 2.2 |
| Server Administrator | NA                   | NA    |     | 9.0.1          | 8.5            | 8.4            | 8.5    | 8.4        | 8.5     | 8.4 | 8.5 | 8.4 | 9.0.1 | 8.5 | 8.4 |
| iDRAC7 with LC       | 2.40.40.40           |       |     | NA             | NA             | NA             | NA     | NA         | NA      | NA  | NA  |     |       |     |     |

| Product Name   | Server Administrator |            |     | iDRAC9 with LC | iDRAC8 with LC |     | iDRAC7 with LC |     | M1000e     | VRTX CMC   | FX2 CMC    | OME |     |     |
|----------------|----------------------|------------|-----|----------------|----------------|-----|----------------|-----|------------|------------|------------|-----|-----|-----|
| 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 | 3.00.00.00           | 2.40.40.40 |     | NA             | NA             |     | NA             |     | 2.40.40.40 | 2.40.40.40 | 2.40.40.40 | NA  |     |     |
| iSM            | 3.0.1                | 2.5        | 2.4 | 3.0.1          | 2.5            | 2.4 | 2.5            | 2.4 | NA         | NA         | NA         | NA  |     |     |
| M1000e CMC     | 5.2                  |            |     | 5.2            | 5.2            |     | 5.2            |     | NA         | NA         | 5.2        | 5.1 |     |     |
| VRTX CMC       | 2.2                  |            |     | 2.2            | 2.2            |     | 2.2            |     | NA         | NA         | 2.2        | 2.1 |     |     |
| FX2 CMC        | 1.4                  |            |     | 1.4            | 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            | NA                   |            |     | NA             | NA             |     | NA             |     | NA         | NA         | NA         | 2.0 | 1.5 | 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              | 3.00.00.00     | 2.40.40.40     |     | 2.40.40.40     |     | 5.2        |     | 2.2        |            |     | 1.4        |            |     | 4.6            |
| Server Administrator | 9.0.1          | 8.5            | 8.4 | 8.5            | 8.4 | 8.5        | 8.4 | 9.0.1      | 8.5        | 8.4 | 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         |     | 3.00.00.00 | 2.30.30.30 |     | 3.00.00.00 | 2.40.40.40 |     | NA             |
| M1000e CMC           | 5.2            |                |     |                |     | NA         |     | NA         |            |     | NA         |            |     | NA             |
| VRTX CMC             | 2.2            |                |     |                |     | 2.2        |     | NA         |            |     | NA         |            |     | NA             |
| FX2 CMC              | 1.4            |                |     |                |     | 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](http://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              | 9.0.1                | 8.5        | 8.4 | 2.3        | 2.2        |     | 3.0.1      | 2.5        | 2.4 | 3.2        | 3.1        | 3.0 | 2.0        | 1.5        | 1.4 |
| Server Administrator | NA                   |            |     | 9.0.1      | 8.5        | 8.4 | 9.0.1      | 8.5        | 8.4 | 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       | 3.00.00.00           | 2.40.40.40 |     | 3.00.00.00 | 2.30.30.30 |     | 3.00.00.00 | 2.40.40.40 |     | 3.00.00.00 | 2.40.40.40 |     | 3.00.00.00 | 2.40.40.40 |     |
| iSM                  | 3.0.1                | 2.5        | 2.4 | 3.0.1      | 2.5        | 2.4 | NA         |            |     | NA         |            |     | NA         |            |     |
| M1000e CMC           | 5.2                  |            |     | 5.1        |            |     | NA         |            |     | NA         |            |     | NA         |            |     |
| VRTX CMC             | 2.2                  |            |     | 2.1        |            |     | NA         |            |     | NA         |            |     | NA         |            |     |
| FX2 CMC              | 1.4                  |            |     | 1.3        |            |     | NA         |            |     | NA         |            |     | NA         |            |     |
| BMC MU               | NA                   |            |     | NA         |            |     | NA         |            |     | NA         |            |     | NA         |            |     |
| DUP                  | All versions         |            |     | 15.06.201  |            |     | NA         |            |     | NA         |            |     | NA         |            |     |

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

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

 **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.