

# VMware vSphere 6.7.x on Dell EMC PowerEdge Servers

Compatibility Matrix

## 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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# Contents

<b>1 Overview</b> .....	<b>4</b>
<b>2 Dell EMC PowerEdge servers—Compatibility matrix</b> .....	<b>5</b>
<b>3 Dell EMC PowerEdge servers—SD card compatibility matrix</b> .....	<b>8</b>
<b>4 PowerEdge servers—RAID controller compatibility matrix</b> .....	<b>10</b>
<b>5 Dell EMC PowerEdge servers—VMware vCenter Server support</b> .....	<b>16</b>
<b>6 Getting help</b> .....	<b>17</b>
Contacting Dell EMC.....	17
Related information for virtualization solutions.....	17
Technical support resources.....	18
Discussion forums.....	18
Knowledge base.....	18
Virtualization videos for Dell EMC PowerEdge servers.....	18
Documentation resources.....	19
Download drivers and firmware.....	21
Download Dell EMC customized ESXi image from Dell EMC support site.....	21
Download Dell EMC customized ESXi image from VMware site.....	21
Documentation feedback.....	22

# Overview

This document provides information about Dell EMC-supported PowerEdge servers compatible with VMware ESXi 6.7.x.

# Dell EMC PowerEdge servers—Compatibility matrix

The following table lists the supported processors for Dell EMC PowerEdge servers:

**Table 1. Dell EMC 14<sup>th</sup> generation PowerEdge servers—compatibility matrix**

14 <sup>th</sup> generation PowerEdge servers	Processor series	Supported release			Boot device		
		ESXi 6.7	ESXi 6.7 U1	ESXi 6.7 U2	Hard drive	Flash (SD) card	BOSS S1
MX840c, MX740c	Intel Xeon SP (81xx, 61xx, 51xx, 41xx, 31xx) series	✓	✓	✓	✓	✓	✓
	Intel Xeon SP (82xx, 62xx, 52xx, 42xx, 32xx) series	✗	✓	✓	✓	✓	✓
R940, R940xa, R840	Intel Xeon SP (81xx, 61xx, 51xx) series	✓	✓	✓	✓	✓	✓
R940, R940xa, R840	Intel Xeon SP (82xx, 62xx, 52xx) series	✗	✓	✓	✓	✓	✓
R7425, R7415, R6415	AMD EPYC 7XX1 series	✓	✓	✓	✓	✓	✓
R740, R740xd, R640	Intel Xeon SP (81xx, 61xx, 51xx, 41xx, 31xx) series	✓	✓	✓	✓	✓	✓
	Intel Xeon SP (82xx, 62xx, 52xx, 42xx, 32xx) series	✗	✓	✓	✓	✓	✓
R740xd2	Intel Xeon SP (61xx, 51xx, 41xx, 31xx)	✗	✓	✓	✓	✓	✓
	Intel Xeon SP (62xx, 52xx, 42xx, 32xx) series	✗	✓	✓	✓	✓	✓
R540, R440	Intel Xeon SP (61xx, 51xx, 41xx, 31xx) series	✓	✓	✓	✓	✓	✓
	Intel Xeon SP (62xx, 52xx, 42xx, 32xx) series	✗	✓	✓	✓	✓	✓
FC640, M640, M640 for VRTX	Intel Xeon SP (81xx, 61xx, 51xx, 41xx, 31xx) series	✓	✓	✓	✓	✓	✓
	Intel Xeon SP (82xx, 62xx, 52xx, 42xx, 32xx) series	✗	✓	✓	✓	✓	✓
T640	Intel Xeon SP (81xx, 61xx, 51xx, 41xx, 31xx) series	✓	✓	✓	✓	✓	✓

14 <sup>th</sup> generation PowerEdge servers	Processor series	Supported release			Boot device		
		ESXi 6.7	ESXi 6.7 U1	ESXi 6.7 U2	Hard drive	Flash (SD) card	BOSS S1
	Intel Xeon SP (82xx, 62xx, 52xx, 42xx, 32xx) series	X	✓	✓	✓	✓	✓
T440	Intel Xeon SP (51xx, 61xx, 41xx, 31xx) series	✓	✓	✓	✓	✓	✓
	Intel Xeon SP (62xx, 52xx, 42xx, 32xx) series	X	✓	✓	✓	✓	✓
R340, R240	Intel Xeon E-2100 Series	X	✓	✓	✓	✓	✓
T340	Intel Xeon E-2100 Series	X	✓	✓	✓	✓	✓
T140	Intel Xeon E-2100 Series	X	✓	✓	✓	X	✓

**Table 2. 13<sup>th</sup> generation PowerEdge servers—compatibility matrix**

13 <sup>th</sup> generation PowerEdge servers	Processor series	Supported release			Boot device		
		ESXi 6.7	ESXi 6.7 U1	ESXi 6.7 U2	Hard drive	Flash (SD) card	BOSS S1
R930	Intel Xeon E7-88xx/48xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E7-88xx/48xx v4 series	✓	✓	✓	✓	✓	X
R830	Intel Xeon E5-46xx v4 series	✓	✓	✓	✓	✓	X
R730, R730xd, R630	Intel Xeon E5-26xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E5-26xx v4 series	✓	✓	✓	✓	✓	X
R530, R430	Intel Xeon E5-26xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E5-26xx v4 series	✓	✓	✓	✓	✓	X
R330	Intel Xeon E3-1200 v6 series	✓	✓	✓	✓	✓	X
	Intel Xeon E3-1200 v5 series	✓	✓	✓	✓	✓	X
R230	Intel Xeon E3-1200 v6 series	✓	✓	✓	✓	X	X
	Intel Xeon E3-1200 v5 series	✓	✓	✓	✓	X	X
FC830, M830, M830 for VRTX	Intel Xeon E5-46xx v3 series	✓	✓	✓	✓	✓	X

13 <sup>th</sup> generation PowerEdge servers	Processor series	Supported release			Boot device		
		ESXi 6.7	ESXi 6.7 U1	ESXi 6.7 U2	Hard drive	Flash (SD) card	BOSS S1
	Intel Xeon E5-46xx v4 series	✓	✓	✓	✓	✓	X
FC630, M630, M630 for VRTX	Intel Xeon E5-26xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E5-26xx v4 series	✓	✓	✓	✓	✓	X
FC430	Intel Xeon E5-26xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E5-26xx v4 series	✓	✓	✓	✓	✓	X
T630	Intel Xeon E5-26xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E5-26xx v4 series	✓	✓	✓	✓	✓	X
T430	Intel Xeon E5-26xx v3 series	✓	✓	✓	✓	✓	X
	Intel Xeon E5-26xx v4 series	✓	✓	✓	✓	✓	X
T330	Intel Xeon E3-1200 v6 series	✓	✓	✓	✓	✓	X
	Intel Xeon E3-1200 v5 series	✓	✓	✓	✓	✓	X
T130	Intel Xeon E3-1200 v6 series	✓	✓	✓	✓	X	X
	Intel Xeon E3-1200 v5 series	✓	✓	✓	✓	X	X

**Legend**

✓ - Supported

X - Not supported

## Dell EMC PowerEdge servers—SD card compatibility matrix

**Table 3. Dell EMC 14<sup>th</sup> generation PowerEdge servers—compatibility matrix**

14 <sup>th</sup> generation PowerEdge servers	I/O Controller	Manufacturer	Specification	DPN *
R940, R940xa, R840, R740, R740xd, R640, R540, R440, FC640, M640, T640, T440, M640 for VRTX, MX840c, MX740c, R740xd2	Intel C621	Dell EMC	16 GB SD card	R7YTT FH2KP
		Dell EMC	32 GB SD card	0PD22 G4VKH
		Dell EMC	64 GB SD card	7XDNW 6R6N4
R7425, R7415, R6415	USB 3.0 Controller	Dell EMC	16 GB SD card	R7YTT FH2KP
		Dell EMC	32 GB SD card	0PD22 G4VKH
		Dell EMC	64 GB SD card	7XDNW 6R6N4
R340, R240, T340	Intel C246	Dell EMC	16 GB SD card	R7YTT FH2KP
		Dell EMC	32 GB SD card	0PD22 G4VKH
		Dell EMC	64 GB SD card	7XDNW 6R6N4

**Table 4. 13<sup>th</sup> generation PowerEdge servers—compatibility matrix**

13 <sup>th</sup> generation PowerEdge servers	I/O Controller	Manufacturer	Specification	DPN *
R930, R730, R630, R530, R430, M830, M630, FC830, FC630, FC430, T630, T430, M830 for VRTX, M630 for VRTX	Intel C610	Dell	8 GB SD card	W1T9G
		Dell	16 GB SD card	7GH0Y GX886
		Dell	16 GB SD card	H1H8M



13 <sup>th</sup> generation PowerEdge servers	I/O Controller	Manufacturer	Specification	DPN *
				GX886
		Dell	32 GB SD card	XVP8P X5MJ8
		Dell	64 GB SD card	1X6VF 0M36C
R330, T330	Intel C632	Dell	8 GB SD card	W1T9G
		Dell	16 GB SD card	7GH0Y GX886
		Dell	16 GB SD card	H1H8M GX886
		Dell	32 GB SD card	XVP8P X5MJ8
		Dell	64 GB SD card	1X6VF 0M36C

\*Dell EMC Part Number (DPN) is an alphanumeric code on the barcode of your SD card.

# PowerEdge servers—RAID controller compatibility matrix

**Table 5. 14<sup>th</sup> generation PowerEdge servers—PERC 10 controllers compatibility matrix**

PowerEdge servers / PERC Controller	R940	R940xa	R840	R740	R740xd	R740xd2	R640	R540	R440	M640	MX840c	MX740c
PERC H745P MX adapter	N	N	N	N	N	N	N	N	N	N	Y	Y
PERC H840 adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
PERC H740P adapter	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N
PERC H740P mini monolithic	N	N	N	Y	Y	N	Y	N	N	N	N	N
PowerEdge MX5016s	N	N	N	N	N	N	N	N	N	N	Y	Y

**Table 6. 14<sup>th</sup> generation PowerEdge servers—PERC 10 controllers compatibility matrix**

PowerEdge servers / PERC Controller	M640 for VRTX	FC640	T640	T440	R7425	R7415	R6415	R340	R240	T340	T140
PERC H745P MX adapter	N	N	N	N	N	N	N	N	N	N	N
PERC H840 adapter	N	N	Y	Y	Y	Y	Y	N	N	N	N
PERC H740P adapter	N	N	Y	Y	Y	N	N	N	N	N	N
PERC H740P mini monolithic	N	N	N	N	N	Y	Y	N	N	N	N
PowerEdge MX5016s	N	N	N	N	N	N	N	N	N	N	N

**Table 7. 14<sup>th</sup> generation PowerEdge servers—PERC 9 controllers compatibility matrix**

PowerEdge servers / PERC Controller	R940	R940xa	R840	R740	R740xd	R740xd2	R640	R540	R440	M640	MX840c	MX740c
PERC H730P MX adapter	N	N	N	N	N	N	N	N	N	N	Y	Y
PERC H730P adapter	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N
PERC H730P mini monolithic	N	N	N	Y	Y	Y	Y	N	N	N	N	N

<b>PowerEdge servers / PERC Controller</b>	<b>R940</b>	<b>R940xa</b>	<b>R840</b>	<b>R740</b>	<b>R740xd</b>	<b>R740xd2</b>	<b>R640</b>	<b>R540</b>	<b>R440</b>	<b>M640</b>	<b>MX840c</b>	<b>MX740c</b>
PERC H730P mini blades	N	N	N	N	N	N	N	N	N	Y	N	N
PERC H730 adapter	N	N	N	N	N	N	N	N	N	N	N	N
PERC H730 mini monolithic	N	N	N	N	N	N	N	N	N	N	N	N
PERC H730 mini blades	N	N	N	N	N	N	N	N	N	N	N	N
PERC H330 adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
PERC H330 mini monolithic	N	N	N	Y	Y	N	Y	N	N	N	N	N
PERC H330 mini blades	N	N	N	N	N	N	N	N	N	Y	N	N
PERC H830 adapter	N	N	N	N	N	N	N	N	N	N	N	N
PERC HBA330 MX adapter	N	N	N	N	N	N	N	N	N	N	Y	Y
PERC HBA330 MMZ adapter	N	N	N	N	N	N	N	N	N	N	Y	Y
PERC HBA330 adapter	N	Y	Y	Y	Y	N	Y	Y	Y	N	N	N
PERC HBA330 Mini-Mono	N	N	N	Y	Y	Y	Y	N	N	N	N	N
12 Gbps SAS HBA adapter	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
PowerEdge MX5016s	N	N	N	N	N	N	N	N	N	N	Y	Y
FD33xS-PERC	N	N	N	Y	Y	N	Y	N	N	N	N	N
FD33xD-PERC	N	N	N	N	N	N	N	N	N	N	N	N
Shared PERC8	N	N	N	N	N	N	N	N	N	N	N	N
Shared PERC8 External	N	N	N	N	N	N	N	N	N	N	N	N

**Table 8. 14<sup>th</sup> generation PowerEdge servers—PERC 9 controllers compatibility matrix**

<b>PowerEdge servers / PERC Controller</b>	<b>M640 for VRTX</b>	<b>FC640</b>	<b>T640</b>	<b>T440</b>	<b>R7425</b>	<b>R7415</b>	<b>R6415</b>	<b>R340</b>	<b>R240</b>	<b>T340</b>	<b>T140</b>
PERC H730P MX adapter	N	N	N	N	N	N	N	N	N	N	N
PERC H730P adapter	N	N	Y	Y	Y	N	N	Y	Y	Y	Y

<b>PowerEdge servers / PERC Controller</b>	<b>M640 for VRTX</b>	<b>FC640</b>	<b>T640</b>	<b>T440</b>	<b>R7425</b>	<b>R7415</b>	<b>R6415</b>	<b>R340</b>	<b>R240</b>	<b>T340</b>	<b>T140</b>
PERC H730P mini monolithic	N	N	N	N	N	Y	Y	N	N	N	N
PERC H730P mini blades	Y	Y	N	N	N	N	N	N	N	N	N
PERC H730 adapter	N	N	N	N	N	N	N	N	N	N	N
PERC H730 mini monolithic	N	N	N	N	N	N	N	N	N	N	N
PERC H730 mini blades	N	N	N	N	N	N	N	N	N	N	N
PERC H330 adapter	N	N	Y	Y	Y	N	N	Y	Y	Y	Y
PERC H330 mini monolithic	N	N	N	N	N	Y	Y	N	N	N	N
PERC H330 mini blades	Y	Y	N	N	N	N	N	N	N	N	N
PERC H830 adapter	N	N	N	N	N	N	N	N	N	N	N
PERC HBA330 MX adapter	N	N	N	N	N	N	N	N	N	N	N
PERC HBA330 MMZ adapter	N	N	N	N	N	N	N	N	N	N	N
PERC HBA330 adapter	N	N	Y	Y	Y	N	N	Y	Y	Y	Y
PERC HBA330 Mini-Mono	N	N	N	N	N	Y	Y	N	N	N	N
12 Gbps SAS HBA adapter	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
PowerEdge MX5016s	N	N	N	N	N	N	N	N	N	N	N
FD33xS-PERC	N	Y	N	N	N	N	N	N	N	N	N
FD33xD-PERC	N	Y	N	N	N	N	N	N	N	N	N
Shared PERC8	Y	N	N	N	N	N	N	N	N	N	N
Shared PERC8 External	Y	N	N	N	N	N	N	N	N	N	N

**Table 9. 13<sup>th</sup> generation PowerEdge servers—PERC 9 controllers compatibility matrix**

PowerEdge servers / PERC Controller	R930	R830	R920	R730	R730xd	R630
PERC H730P MX adapter	N	N	N	N	N	N
PERC H730P adapter	Y	Y	Y	Y	N	Y
PERC H730P mini monolithic	N	N	N	Y	Y	Y
PERC H730P mini blades	N	N	N	N	N	N
PERC H730 adapter	N	Y	N	N	N	Y
PERC H730 mini monolithic	N	N	N	Y	Y	Y
PERC H730 mini blades	N	N	N	N	N	N
PERC H330 adapter	N	Y	N	N	N	Y
PERC H330 mini monolithic	N	N	N	Y	Y	Y
PERC H330 mini blades	N	N	N	N	N	N
PERC H830 adapter	Y	Y	N	Y	Y	Y
PERC HBA330 MX adapter	N	N	N	N	N	N
PERC HBA330 MMZ adapter	N	N	N	N	N	N
PERC HBA330 adapter	Y	Y	N	N	N	N
PERC HBA330 Mini-Mono	N	N	N	Y	Y	Y
12 Gbps SAS HBA adapter	Y	Y	N	Y	Y	Y
PowerEdge MX5016s	N	N	N	N	N	N
FD33xS-PERC	N	N	N	N	N	N
FD33xD-PERC	N	N	N	N	N	N
Shared PERC8	N	N	N	N	N	N
Shared PERC8 External	N	N	N	N	N	N

**Table 10. 13<sup>th</sup> generation PowerEdge servers—PERC 9 controllers compatibility matrix**

PowerEdge servers / PERC Controller	R530	R430	R330	R230	M830	M830 for VRTX	M630	M630 for VRTX
PERC H730P MX adapter	N	N	N	N	N	N	N	N
PERC H730P adapter	Y	Y	N	N	N	N	N	N
PERC H730P mini monolithic	Y	Y	N	N	N	N	N	N
PERC H730P mini blades	N	N	N	N	Y	Y	Y	Y
PERC H730 adapter	Y	Y	Y	Y	N	N	N	N
PERC H730 mini monolithic	Y	Y	N	N	N	N	N	N
PERC H730 mini blades	N	N	N	N	Y	Y	Y	Y

<b>PowerEdge servers / PERC Controller</b>	<b>R530</b>	<b>R430</b>	<b>R330</b>	<b>R230</b>	<b>M830</b>	<b>M830 for VRTX</b>	<b>M630</b>	<b>M630 for VRTX</b>
PERC H330 adapter	Y	Y	Y	Y	N	N	N	N
PERC H330 mini monolithic	Y	Y	N	N	N	N	N	N
PERC H330 mini blades	N	N	N	N	Y	Y	Y	Y
PERC H830 adapter	Y	Y	Y	Y	N	N	N	N
PERC HBA330 MX adapter	N	N	N	N	N	N	N	N
PERC HBA330 MMZ adapter	N	N	N	N	N	N	N	N
PERC HBA330 adapter	Y	N	Y	Y	N	N	N	N
PERC HBA330 Mini-Mono	Y	Y	N	N	N	N	N	N
12 Gbps SAS HBA adapter	Y	Y	Y	Y	N	N	N	N
PowerEdge MX5016s	N	N	N	N	N	N	N	N
FD33xS-PERC	N	N	N	N	N	N	N	N
FD33xD-PERC	N	N	N	N	N	N	N	N
Shared PERC8	N	N	N	N	N	Y	N	Y
Shared PERC8 External	N	N	N	N	N	Y	N	Y

**Table 11. 13<sup>th</sup> generation PowerEdge servers—PERC 9 controllers compatibility matrix**

<b>PowerEdge servers / PERC Controller</b>	<b>T630</b>	<b>T430</b>	<b>T330</b>	<b>T130</b>	<b>FC830</b>	<b>FC630</b>	<b>FC430</b>
PERC H730P MX adapter	N	N	N	N	N	N	N
PERC H730P adapter	Y	Y	N	N	N	N	N
PERC H730P mini monolithic	N	N	N	N	N	N	N
PERC H730P mini blades	N	N	N	N	Y	Y	N
PERC H730 adapter	Y	Y	Y	Y	N	N	N
PERC H730 mini monolithic	N	N	N	N	N	N	N
PERC H730 mini blades	N	N	N	N	Y	Y	N
PERC H330 adapter	Y	Y	Y	Y	N	N	N
PERC H330 mini monolithic	N	N	N	N	N	N	N
PERC H330 mini blades	N	N	N	N	Y	Y	N
PERC H830 adapter	Y	Y	Y	Y	N	N	N
PERC HBA330 MX adapter	N	N	N	N	N	N	N
PERC HBA330 MMZ adapter	N	N	N	N	N	N	N
PERC HBA330 adapter	Y	Y	Y	Y	N	N	N
PERC HBA330 Mini-Mono	N	N	N	N	N	N	N

<b>PowerEdge servers / PERC Controller</b>	<b>T630</b>	<b>T430</b>	<b>T330</b>	<b>T130</b>	<b>FC830</b>	<b>FC630</b>	<b>FC430</b>
12 Gbps SAS HBA adapter	Y	Y	Y	Y	N	N	N
PowerEdge MX5016s	N	N	N	N	N	N	N
FD33xS-PERC	N	N	N	N	Y	Y	Y
FD33xD-PERC	N	N	N	N	Y	Y	Y
Shared PERC8	N	N	N	N	N	N	N
Shared PERC8 External	N	N	N	N	N	N	N

**Legend**

Y - Supported

N - Not supported

# Dell EMC PowerEdge servers—VMware vCenter Server support

VMware vCenter Server is supported on a limited set of the Microsoft Windows operating systems. For more information about supported operating systems, see [Vmware.com/support/pubs/](https://www.vmware.com/support/pubs/).

VMware vCenter Server is also available as a Linux vCenter appliance.

For more information about the Dell EMC PowerEdge servers compatibility with supported operating systems, see [www.dell.com/ossupport](http://www.dell.com/ossupport).



## Getting help

Topics:

- [Contacting Dell EMC](#)
- [Related information for virtualization solutions](#)
- [Documentation resources](#)
- [Download drivers and firmware](#)
- [Documentation feedback](#)

## Contacting Dell EMC

Dell EMC provides several online and telephone-based support and service options. Availability varies by country, region, and product, and some services may not be available in your area.

To contact Dell EMC for sales, technical assistance, or customer service issues, see [www.dell.com/contactdell](http://www.dell.com/contactdell).

If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or the product catalog.

## Related information for virtualization solutions

**Table 12. Related information for virtualization solutions**

If you need information about	See
Dell EMC VMware documentation	<a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>
OpenManage documentation	<a href="http://www.dell.com/openmanagemanuals">www.dell.com/openmanagemanuals</a>
PowerEdge documentation	<a href="http://www.dell.com/poweredgemanuals">www.dell.com/poweredgemanuals</a>
Basic configuration information for running ESXi on a Dell EMC PowerEdge server	Getting Started Guide at <a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>
<ul style="list-style-type: none"> <li>• Information about downloading, installing, and configuring ESXi</li> <li>• Supported hardware configurations for running ESXi on a Dell EMC PowerEdge server</li> </ul>	Installation Instructions and Important Information Guide at <a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>
PowerEdge servers and compatibility with vMotion	<i>VMware ESXi vMotion Support on Dell EMC PowerEdge Servers Compatibility Matrix</i> at <a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>
PowerEdge and PowerVault compatibility information for running ESXi	<i>VMware vSphere for Dell EMC PowerEdge Servers Compatibility Matrix</i> at <a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>
Known issues and resolutions	<i>VMware vSphere 6.7.x on Dell EMC PowerEdge Server Release Notes</i> at <a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>

If you need information about	See
ESXi ISO image customization information	VMware ESXi on Dell EMC PowerEdge Systems Image Customization Information at <a href="http://www.dell.com/virtualizationsolutions">www.dell.com/virtualizationsolutions</a>

## Technical support resources

- [vmware.com/support](http://vmware.com/support)
- [Dell.com/support/home](http://Dell.com/support/home)
- [Dell.com/services](http://Dell.com/services)

## Discussion forums

- [communities.vmware.com/community/vmtn](http://communities.vmware.com/community/vmtn)
- [Dell Virtualization](#)
- [Wikis, Forums, Blogs, and Videos](#)
- [Dell Community](#)

## Knowledge base

- [kb.vmware.com/kb](http://kb.vmware.com/kb)

**NOTE:** For more information that is related to the VMware ESXi installation on Dell EMC PowerEdge servers, go to [Dell Virtualization](#).

## Virtualization videos for Dell EMC PowerEdge servers

All the supported virtualization videos for Dell EMC PowerEdge servers are available in the [Supported Operating Systems for Dell PowerEdge servers](#) playlist.

**Table 13. Virtualization videos for Dell EMC PowerEdge servers**

Video title	Links
Downloading the Dell EMC customized ESXi image from support site	<a href="http://www.youtube.com/watch?v=YnVxtkAkYTI">www.youtube.com/watch?v=YnVxtkAkYTI</a>
Downloading Dell EMC customized ESXi image from VMware website	<a href="http://www.youtube.com/watch?v=TnWyuYxuk5k">www.youtube.com/watch?v=TnWyuYxuk5k</a>
OS Deployment (VMware ESXi)—Installing Using CD/DVD	<a href="http://www.youtube.com/watch?v=-EbufUS86zA">www.youtube.com/watch?v=-EbufUS86zA</a>
Enabling and Configuring Fault Resilient Memory on Dell EMC PowerEdge servers	<a href="http://www.youtube.com/watch?v=retSh-XIsK0">www.youtube.com/watch?v=retSh-XIsK0</a>
OS Deployment (VMware ESXi)—Installing on BOSS S1 device	<a href="http://www.youtube.com/watch?v=TB1oXpFFME">www.youtube.com/watch?v=TB1oXpFFME</a>
OS Deployment (VMware ESXi)—Installing on IDSDM	<a href="http://www.youtube.com/watch?v=EC-Xntg5mgw">www.youtube.com/watch?v=EC-Xntg5mgw</a>
To enable UEFI Secure Boot on VMware ESXi for Dell's 13th generation of PowerEdge servers	<a href="http://www.youtube.com/watch?v=LI9qIF9qV9I">www.youtube.com/watch?v=LI9qIF9qV9I</a>

**Video title****Links**

**NOTE: This video is applicable for VMware ESXi 6.5.x and VMware ESXi 6.7.**

To enable UEFI Secure Boot on VMware ESXi for Dell EMC's 14th generation of PowerEdge servers

[www.youtube.com/watch?v=ZZB\\_XyV0enY](http://www.youtube.com/watch?v=ZZB_XyV0enY)

**NOTE: This video is applicable for VMware ESXi 6.5.x and VMware ESXi 6.7.**

## Documentation resources

This section provides information about the documentation resources for your server.

**Table 14. Additional documentation resources for your server**

Task	Document	Location
Setting up your server	For information about installing the server into a rack, see the Rack documentation included with your rack solution or the <i>Getting Started Guide</i> that is shipped with your server.	<a href="http://www.dell.com/poweredgemanuals">www.dell.com/poweredgemanuals</a>
	For information about turning on the server and the technical specifications of your server, see the <i>Getting Started Guide</i> that is shipped with your server.	<a href="http://www.dell.com/poweredgemanuals">www.dell.com/poweredgemanuals</a>
Configuring your server	For information about the iDRAC features, configuring and logging in to iDRAC, and managing your server remotely, see the <i>Integrated Dell Remote Access Configuration Tool User's Guide</i>	<a href="http://www.dell.com/idracmanuals">www.dell.com/idracmanuals</a>
	For information about installing the operating system, see operating system documentation.	<a href="http://www.dell.com/operatingsystemmanuals">www.dell.com/operatingsystemmanuals</a>
	For information about understanding Remote Access Controller Admin (RACADM) subcommands and supported RACADM interfaces, see the <i>iDRAC RACADM CLI Guide</i> .	<a href="http://www.dell.com/idracmanuals">www.dell.com/idracmanuals</a>
	For information about updating drivers and firmware, see <a href="#">Download drivers and firmware</a> topic in this document.	<a href="http://www.dell.com/support/drivers">www.dell.com/support/drivers</a>
Managing your server	For information about server management software offered by Dell EMC, see the Dell EMC	<a href="http://www.dell.com/openmanagemanuals">www.dell.com/openmanagemanuals</a>

Task	Document	Location
	<i>Systems Management Overview Guide.</i>	
	For information about setting up, using, and troubleshooting OpenManage, see the Dell EMC <i>OpenManage Server Administrator User's Guide</i> .	<a href="http://www.dell.com/openmanagemanuals">www.dell.com/openmanagemanuals</a>
	For information about installing, using, and troubleshooting Dell EMC OpenManage Essentials, go to <a href="http://www.dell.com/openmanagemanuals">www.dell.com/openmanagemanuals</a> > <i>OpenManage Essentials User's Guide</i> .	<a href="http://www.dell.com/openmanagemanuals">www.dell.com/openmanagemanuals</a>
	For information about installing and using Dell SupportAssist, see the Dell EMC <i>SupportAssist Enterprise User's Guide</i> .	<a href="http://www.dell.com/serviceabilitytools">www.dell.com/serviceabilitytools</a>
	For understanding the features of Dell EMC Lifecycle Controller (LC), see the <i>Lifecycle Controller User's Guide</i> .	<a href="http://www.dell.com/idracmanuals">www.dell.com/idracmanuals</a>
	For information about partner programs enterprise systems management, see the <i>OpenManage Connections Enterprise Systems Management</i> documents.	<a href="http://www.dell.com/esmmanuals">www.dell.com/esmmanuals</a>
	For information about viewing inventory, performing configuration, and monitoring tasks, remotely turning on or off servers, and enabling alerts for events on servers and components using the Dell EMC Chassis Management Controller (CMC), see the <i>Chassis Management Controller User's Guide</i> .	<a href="http://www.dell.com/esmmanuals">www.dell.com/esmmanuals</a>
Working with the Dell EMC PowerEdge RAID controllers	For information about understanding the features of the Dell EMC PowerEdge RAID controllers (PERC) and deploying the PERC cards, see the Storage controller documentation.	<a href="http://www.dell.com/storagecontrollermanuals">www.dell.com/storagecontrollermanuals</a>
Understanding event and error messages	For information about checking the event and error messages generated by the system firmware and agents that monitor server components, see the Dell EMC	<a href="http://www.dell.com/openmanagemanuals">www.dell.com/openmanagemanuals</a>

Task	Document	Location
	<i>Event and Error Message Reference Guide for 14th Generation Dell EMC PowerEdge Servers .</i>	
Troubleshooting your system	For information about identifying and troubleshooting the PowerEdge server issues, see the <i>PowerEdge Servers Troubleshooting Guide</i> .	<a href="http://www.dell.com/poweredgemanuals">www.dell.com/poweredgemanuals</a>
Configuring Dell PowerEdge VRTX shared storage for VMware vSphere environment	For information on configuring Dell PowerEdge VRTX shared storage for VMware vSphere environment, see Dell EMC White papers.	<a href="#">Configuring Dell PowerEdge VRTX shared storage for VMware vSphere Environment</a>

## Download drivers and firmware

Dell EMC recommends that you download and install the latest BIOS, drivers, and systems management firmware on your system. Ensure that you clear the web browser cache before downloading the drivers and firmware.

- 1 Go to [Dell.com/support/drivers](http://Dell.com/support/drivers).
- 2 Under the **Drivers & Downloads** section, type the Service Tag of your system in the **Enter a Service Tag** box, and then click **Submit**.
- 3 Click **Drivers & Downloads**.  
The drivers that are applicable to your selection are displayed.
- 4 Download the drivers to a USB drive, CD, or DVD.

## Download Dell EMC customized ESXi image from Dell EMC support site

**NOTE:** Ensure that you clear the web browser cache before downloading the drivers and firmware.

- 1 Go to [Dell.com/support/drivers](http://Dell.com/support/drivers).
- 2 In the **Drivers & Downloads** section, enter the Service Tag of your system in the **Enter a Dell Service Tag, Dell EMC Product ID, or Model** box, and then click the right arrow button.

**NOTE:** If you do not have the Service Tag, select **Detect PC** to allow the system to automatically detect your Service Tag, or click **Browse all products**, and then navigate to your product.

- 3 Click **Drivers & Downloads**.  
The drivers that are applicable to your system are displayed.
- 4 In the **Operating System** list, select the appropriate VMware version.
- 5 In the **Category** list, select **Enterprise Solutions**.  
The latest Dell EMC VMware ESXi customized images are displayed.
- 6 Click **Download**.

## Download Dell EMC customized ESXi image from VMware site

**NOTE:** Ensure that you clear the web browser cache before downloading the drivers and firmware.

 **NOTE:** You should be registered with [my.vmware.com](https://my.vmware.com) to be able to download drivers and firmware.

- 1 Go to [my.vmware.com](https://my.vmware.com) and login with your account credentials.
- 2 Select **View & Download products > All Products** and then click the **View Download Components** link of **VMware vSphere**.
- 3 Select the image version from the **Select Version** list.
- 4 Click **Custom ISOs**.
- 5 Expand the **OEM Customized Installer CDs** option and then click **Go to Downloads** for the image that you want to download.

## Documentation feedback

You can rate the documentation or write your feedback on any of our Dell EMC documentation pages and click **Send Feedback** to send your feedback.