

# Dell Technologies Hardware Compatibility List (HCL) for Oracle Linux (OL) and Oracle VM (OVM)

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# 1 Dell Technologies & Oracle Joint HCL Support Policy

This document explains some but not all Dell Technologies & Oracle Joint HCL support policy regarding Oracle VM (OVM) and Oracle Linux (OL) running Unbreakable Enterprise Kernel (UEK). It is provided to help interpret what is supported and not supported.

In this document, the following OS update definitions are used to explain the HCL support policy:

- OL  $x.y$  where 'x' is considered major update and 'y' is considered as minor update
- UEK  $RxUy$  where 'x' is considered major update and 'y' is considered as minor update
- $3.8.13-xyz$  where '3.8.13' is considered major update kernel version and '-xyz' is considered minor update kernel version.
- OVM  $x.y.z$  'x.y' is considered major update and 'z' is considered as minor update

## HCL Support policies

### 1. Newer or higher minor updates are implicitly supported and do not require explicit cert for support

E.g.: If R730 is certified with OL 6.5 running UEK R3U2 (3.8.13-35) and OVM 3.3.1 then

- a. All newer or higher **minor** updates of OL 6 is **implicitly supported**, unless stated otherwise, and **does not require** new HCL cert for them. So, OL 6.6, OL 6.7, etc. is auto-supported on R730.
- b. All newer or higher **minor** updates of UEK R3 (3.8.13-xyz) is **implicitly supported**, unless stated otherwise, and **does not require** new HCL cert for them. So, UEK R3U3 (3.8.13-44), UEK R3U4 (3.8.13-55), etc. is auto-supported on R730 running OL 6.5 or higher.
- c. All newer or higher **minor** updates of OVM 3.3 is **implicitly supported**, unless stated otherwise, and **does not require** new HCL cert for them. So, OVM 3.3.2, OVM 3.3.3, etc. is auto-supported on R730.

**EXCEPTION(s):** Based on the above provided example, OL 6.8 with the default UEK kernel is **not** auto-supported on R730 based on HCL cert with UEK R3 since default UEK kernel in OL 6.8 is UEK R4. However, OL 6.8 with a newer UEK R3 kernel **will be** auto-supported. These exception rules will, in general, extend to similar scenarios where the default UEK kernel in a minor OL or OVM release switches from one major version of UEK to another.

### 2. Major updates are not implicitly supported and require new HCL cert for support

E.g. If R730 is certified with OL 6.5 running UEK R3U2 (3.8.13-35) and OVM 3.3.1 then

- a. All newer or higher **major** updates of OL is **not** implicitly supported, unless stated otherwise, and **requires** new HCL cert. So, OL 7 is **not** auto-supported on R730 unless certified and listed explicitly.
- b. All newer or higher **major** updates of UEK is **not** implicitly supported, unless stated otherwise, and **requires** new HCL cert. So, UEK R4 (4.1.12-xyz) is **not** auto-supported on R730 unless certified and listed explicitly.
- c. All newer or higher **major** updates of OVM is **not** implicitly supported, unless stated otherwise, and **requires** new HCL cert. So, OVM 4 or OVM 3.4 is **not** auto-supported on R730 unless certified and listed explicitly.

### 3. UEK cert. does not auto-extend across major releases and OSes: Though it is possible that two different major versions of OL (e.g. OL 6 and OL 7) could be running the same version of UEK (e.g. UEK R3U7), cert on one major version does not auto-extend to cert on the other major version. Similarly, cert of a particular version of UEK running within OL does not auto-extend to OVM that is running the same version of UEK kernel in Dom0, and vice-versa.

E.g. If R730 is certified with OL 6 running UEK R3U5 (3.8.13-68) then

- a. OL 7 with the same UEK R3U5 (3.8.13-68) kernel is **not** implicitly supported, and requires explicit HCL cert, and vice-versa
- b. OVM 3.3.3 with the same UEK R3U5 (3.8.13-68) kernel in Dom0 is **not** implicitly supported, and requires explicit HCL cert, and vice-versa

### 4. Second generation of server (MLK) requires new HCL cert

E.g., If R740 with 1<sup>st</sup> generation CPU is certified with OL 7.5 running UEK R5 then R740 with 2<sup>nd</sup> generation CPUs will require new HCL certification with newer version of OL/UEK that supports the 2<sup>nd</sup> generation CPUs.

(Note: Blank cell indicates not certified; UEK = Unbreakable Enterprise Kernel; RHCK = Red Hat Compatible Kernel)

For RHCK versions supported by platforms refer to:

[RHEL Support Matrix](#)

Dell OL and OVM HCLs on Oracle's site can be found at:

[Dell Oracle HCLs](#) < Filter by Dell Technologies >

## 2 Support Matrix - PowerEdge Latest Generation Servers

**NOTE:** Server certification with Oracle Linux also applies to **Oracle Linux KVM**. More details can be found [here](#).

### 2.1 Oracle Linux (OL) 9.x with UEK Release 7

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 9.x with UEK Release 7				
Server	CPU Series	OL 9.x (x86_64)		Notes
		ISO	UEK R7	
<b>Rack Servers</b>				
R660	Scalable x4xx series <sup>1</sup>	<a href="#">OL 9.1</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R760	Scalable x4xx series <sup>1</sup>	<a href="#">OL 9.1</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R6615	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 9.1</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R7615	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 9.1</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R6625	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 9.1</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R7625	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 9.1</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>

### 2.2 Oracle Linux (OL) 8.x with UEK Release 7

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 8.x with UEK Release 7				
Server	CPU Series	OL 8.x (x86_64)		Notes
		ISO	UEK R7	
<b>Rack Servers</b>				
R660	Scalable x4xx series <sup>1</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R760	Scalable x4xx series <sup>1</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R6615	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R7615	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R6625	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>
R7625	AMD EPYC 4 <sup>th</sup> Gen <sup>1</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.15.0-6.80.3.1</a> (or higher)	PERC12 (H965i) support <sup>2</sup>

### 2.3 Oracle Linux (OL) 8.x with UEK Release 6

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 8.x with UEK Release 6				
Server	CPU Series	OL 8.x (x86_64)		Notes
		ISO	UEK R6	
<b>Rack Servers</b>				
R660	Scalable x4xx series <sup>3</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.4.17-2136.315.5</a> (or higher)	PERC12 (H965i) support <sup>2</sup> . Intel E810-XXV Linux firmware DUP <sup>4</sup>
R760	Scalable x4xx series <sup>3</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.4.17-2136.315.5</a> (or higher)	PERC12 (H965i) support <sup>2</sup> . Intel E810-XXV Linux firmware DUP <sup>4</sup>
R6615	AMD EPYC 4 <sup>th</sup> Gen <sup>3</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.4.17-2136.315.5</a> (or higher)	PERC12 (H965i) support <sup>2</sup> . Intel E810-XXV Linux firmware DUP <sup>4</sup>
R7615	AMD EPYC 4 <sup>th</sup> Gen <sup>3</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.4.17-2136.315.5</a> (or higher)	PERC12 (H965i) support <sup>2</sup> . Intel E810-XXV Linux firmware DUP <sup>4</sup>
R6625	AMD EPYC 4 <sup>th</sup> Gen <sup>3</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.4.17-2136.315.5</a> (or higher)	PERC12 (H965i) support <sup>2</sup> . Intel E810-XXV Linux firmware DUP <sup>4</sup>
R7625	AMD EPYC 4 <sup>th</sup> Gen <sup>3</sup>	<a href="#">OL 8.6</a> (or higher)	<a href="#">5.4.17-2136.315.5</a> (or higher)	PERC12 (H965i) support <sup>2</sup> . Intel E810-XXV Linux firmware DUP <sup>4</sup>

<sup>1</sup> 16G Intel and 16G AMD servers running UEK R7 (OL 8.6+ or OL9.x) require minimum [5.15.0-3.60.5.1](#) kernel or higher.

<sup>2</sup> Servers with PERC12 (H965i) and UEK7 require [5.15.0-6.80.3.1](#) kernel or higher. Servers with PERC12 (H965i) and UEK6 require [5.4.17-2136.315.5](#) kernel or higher.

<sup>3</sup> 16G Intel and 16G AMD servers running UEK R6 (OL 8.6+) require minimum [5.4.17-2136.312.3.4](#) kernel or higher.

<sup>4</sup> Intel E810-XXV 25GbE NIC requires UEK6 [5.4.17-2136.313.6](#) kernel or higher for its Linux firmware (.BIN DUP) file to work.

## 2.4 Oracle VM (OVM)

Oracle VM is NOT supported with the latest PowerEdge 16<sup>th</sup> generation of servers. **Customers looking for virtualized OS support from Oracle on 16<sup>th</sup> generation or higher servers are recommended to consider Oracle Linux KVM** (with Oracle Linux Virtualization Manager). Servers certified with Oracle Linux are certified with Oracle Linux KVM as well. More details on OL-KVM can be found [here](#).

### 3 Support Matrix - PowerEdge 15<sup>th</sup> Generation Servers

**NOTE:** Server certification with Oracle Linux also applies to **Oracle Linux KVM**. More details can be found [here](#).

#### 3.1 Oracle Linux (OL) 8.x with UEK Release 6

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 8.x with UEK Release 6				
Server	CPU Series	OL 8.x (x86_64)		Notes
		ISO	UEK R6	
<b>Rack Servers</b>				
R450	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R550	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
T550	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R650xs	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R750xs	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R650	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
		<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2036.100.6<sup>5</sup></a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R750	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
		<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2036.100.6<sup>5</sup></a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R750xa	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102.200.13</a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
		<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2036.100.6<sup>5</sup></a> (or higher)	H755N is certified. Intel NICs support <sup>4,6</sup>
R6515	AMD EPYC 3 <sup>rd</sup> Gen	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102</a> (or higher)	Intel NICs support <sup>4,6</sup>
	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102</a> (or higher)	Intel NICs support <sup>4,6</sup>
R7515	AMD EPYC 3 <sup>rd</sup> Gen	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102</a> (or higher)	Intel NICs support <sup>4,6</sup>
	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2102</a> (or higher)	Intel NICs support <sup>4,6</sup>
R6525	AMD EPYC 3 <sup>rd</sup> Gen	<a href="#">OL 8.3</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	Intel NICs support <sup>4,6</sup>
	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	Intel NICs support <sup>4,6</sup>
R7525	AMD EPYC 3 <sup>rd</sup> Gen	<a href="#">OL 8.3</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	Intel NICs support <sup>4,6</sup>
	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	Intel NICs support <sup>4,6</sup>
<b>Converged, Modular or Blade Servers</b>				
<b>MX7000 Chassis Blades</b>				
MX750c	Scalable x3xx series <sup>5</sup>	<a href="#">OL 8.4</a> (or higher)	<a href="#">5.4.17-2102.201.3</a> (or higher)	

#### 3.2 Oracle Linux (OL) 7.x with UEK Release 6

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 7.x with UEK Release 6				
Server	CPU Series	OL 7.x (x86_64)		Notes
		ISO	UEK R6	
<b>Rack Servers</b>				
R6515	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 7.9</a> (or higher)	<a href="#">5.4.17-2136.307.3.2</a> (or higher)	
R7515	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 7.9</a> (or higher)	<a href="#">5.4.17-2136.307.3.2</a> (or higher)	
R6525	AMD EPYC 3 <sup>rd</sup> Gen	<a href="#">OL 7.9</a> (or higher)	<a href="#">5.4.17-2036</a> (or higher)	Min BIOS v2.0.3 needed. Intel NICs support <sup>4,6</sup>
R7525	AMD EPYC 3 <sup>rd</sup> Gen	<a href="#">OL 7.9</a> (or higher)	<a href="#">5.4.17-2036</a> (or higher)	Min BIOS v2.0.3 needed. Intel NICs support <sup>4,6</sup>
<b>Converged, Modular or Blade Servers</b>				
<b>MX7000 Chassis Blades</b>				
MX750c	Scalable x3xx series <sup>5</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">5.4.17-2036.100.6.1<sup>5</sup></a> (or higher)	

#### 3.3 Oracle Linux (OL) 7.x with UEK Release 5

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 7.x with UEK Release 5				
Server	CPU Series	OL 7 (x86_64)		Notes
		ISO	UEK R5	
<b>Rack Servers</b>				
R450	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
R550	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
T550	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
R650xs	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	

<sup>5</sup> Servers with Intel Xeon 3<sup>rd</sup> Generation CPUs and running UEK6 require [5.4.17-2102.200.13](#) kernel or higher.

<sup>6</sup> Intel NIC E810-XXV requires UEK6 [5.4.17-2136.300.7](#) kernel or higher for it to work. Intel NICs X710-T4L, X710-T2L require UEK6 [5.4.17-2102.200.13](#) kernel or higher.

R750xs	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
R650	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
R750	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
R750xa	Scalable x3xx series <sup>7</sup>	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.500.9.1</a> (or higher)	
R6515	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.513.2.2</a> (or higher)	
R7515	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 7.9</a> (or higher)	<a href="#">4.14.35-2047.513.2.2</a> (or higher)	
R6525	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-2025</a> (or higher)	
R7525	AMD EPYC 2 <sup>nd</sup> Gen	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-2025</a> (or higher)	

## 3.4 Oracle VM (OVM) 3.4.x

Oracle VM is NOT supported with the latest PowerEdge 15<sup>th</sup> generation of servers. 15<sup>th</sup> generation servers require minimum UEK R5 (4.14.35) kernel which is NOT supported by Oracle VM. **Customers looking for virtualized OS support from Oracle on 15<sup>th</sup> generation or higher servers are recommended to consider Oracle Linux KVM** (with Oracle Linux Virtualization Manager). Servers certified with Oracle Linux are certified with Oracle Linux KVM as well.

<sup>7</sup> Min OL7 supported is OL7.8 running with UEK5 [4.14.35-2047.500.9.1](#) kernel or higher.

## 4 Support Matrix - PowerEdge 14<sup>th</sup> Generation Servers

**NOTE:** Server certification with Oracle Linux also applies to **Oracle Linux KVM**. More details can be found [here](#).

### 4.1 Oracle Linux (OL) 8.x with UEK Release 6

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 8.x with UEK Release 6				
Server	CPU Series	OL 8.x (x86_64)		Notes
		ISO	UEK R6	
<b>Rack Servers</b>				
R640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	
R740	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	
R740xd	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	
R940	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	
<b>Converged, Modular or Blade Servers</b>				
<b>M1000e and VRTX Chassis Blades</b>				
M640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	
<b>FX2 Chassis Blades</b>				
FC640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.2</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	
<b>MX7000 Chassis Blades</b>				
MX740c	Scalable x2xx series <sup>8</sup>	<a href="#">OL 8.3</a> (or higher)	<a href="#">5.4.17-2011</a> (or higher)	

### 4.2 Oracle Linux (OL) 7.x with UEK Release 5

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 7.x with UEK Release 5				
Server	CPU Series	OL 7 (x86_64)		Notes
		ISO	UEK R5	
<b>Rack Servers</b>				
R640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	Intel Optane PMem 100 Series is certified on this server <sup>9</sup>
R740	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	Intel Optane PMem 100 Series is certified on this server <sup>9</sup>
R740xd	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	Intel Optane PMem 100 Series is certified on this server <sup>9</sup>
R840	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
	Scalable x1xx series	<a href="#">OL 7.5</a> (or higher)	<a href="#">4.14.35-1818</a> (or higher)	NVDIMM-N persistent memory in storage mode is certified with Scalable x1xx series
R940	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
<b>Tower Servers</b>				
T640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
<b>Converged, Modular or Blade Servers</b>				
<b>M1000e and VRTX Chassis Blades</b>				
M640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
	Scalable x1xx series	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
<b>FX2 Chassis Blades</b>				
FC640	Scalable x2xx series <sup>8</sup>	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
	Scalable x1xx series	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
<b>MX7000 Chassis Blades</b>				
MX740c	Scalable x1xx series	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1844</a> (or higher)	
MX840c	Scalable x2xx series	<a href="#">OL 7.8</a> (or higher)	<a href="#">4.14.35-1902</a> (or higher)	
	Scalable x1xx series	<a href="#">OL 7.6</a> (or higher)	<a href="#">4.14.35-1844</a> (or higher)	

<sup>8</sup> 2<sup>nd</sup> Generation Intel Scalable x2xx series needs min BIOS v2.2.10 and with OL7.6 min UEK R5u2 [4.14.35-1902.0.18.el7uek.x86\_64 or higher] kernel.

<sup>9</sup> Intel Optane PMem 100 Series is certified in Memory Mode and as Storage over App-Direct Mode (persistent storage).

## 4.3 Oracle Linux (OL) 6.x and 7.x with UEK Release 4

Dell PowerEdge Latest Generation Servers – Oracle Linux (OL) 6.x and 7.x with UEK R4						
Server	CPU Series	OL 7 (x86_64)		OL 6 (x86_64)		Notes
		ISO	UEK R4	ISO	UEK R4 <sup>10</sup>	
<b>Rack Servers</b>						
R640	Scalable x1xx series	<a href="#">OL 7.4</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	<a href="#">OL 6.9</a> (or higher)	<a href="#">4.1.12-124</a> (or higher)	
R740	Scalable x2xx series	Not supported <sup>11</sup>	Not supported <sup>11</sup>	<a href="#">OL 6.10</a> (or higher)	<a href="#">4.1.12-124</a> (or higher)	
	Scalable x1xx series	<a href="#">OL 7.4</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	<a href="#">OL 6.9</a> (or higher)	<a href="#">4.1.12-124</a> (or higher)	
R740xd	Scalable x1xx series	<a href="#">OL 7.4</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	<a href="#">OL 6.9</a> (or higher)	<a href="#">4.1.12-124</a> (or higher)	
R840	Scalable x1xx series	<a href="#">OL 7.5</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	--	--	
R940	Scalable x1xx series	<a href="#">OL 7.4</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	<a href="#">OL 6.9</a> (or higher)	<a href="#">4.1.12-124</a> (or higher)	
R940xa	Scalable x1xx series	<a href="#">OL 7.5</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	--	--	
<b>Tower Servers</b>						
T640	Scalable x1xx series	<a href="#">OL 7.4</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	<a href="#">OL 6.9</a> (or higher)	<a href="#">4.1.12-124</a> (or higher)	
<b>Converged, Modular or Blade Servers</b>						
<b>M1000e and VRTX Chassis Blades</b>						
M640	Scalable x1xx series	<a href="#">OL 7.5</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	--	--	
<b>FX2 Chassis Blades</b>						
FC640	Scalable x1xx series	<a href="#">OL 7.5</a> (or higher)	<a href="#">4.1.12-112</a> (or higher)	--	--	

<sup>10</sup> 2<sup>nd</sup> Generation Intel Scalable x2xx series needs min BIOS v2.2.10 and with OL6.10 min UEK R4u7 [4.14.12-124.24.3.el6uek.x86\_64 or higher] kernel.

<sup>11</sup> 2<sup>nd</sup> Generation Intel Scalable x2xx series is NOT supported with OL7 running UEK R4 kernel. OL7 requires min UEK R5u2 [4.14.35-1902.0.18.el7uek or higher] kernel.



## 4.4 Oracle VM (OVM) 3.4.x

Dell PowerEdge Latest Generation Servers – Oracle VM (OVM) Release 3.4.x				
Server	CPU Series	OVM 3.4 (x86_64)		Notes
		ISO	UEK R4	
<b>Rack Servers</b>				
R640	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.28.6</a> (or higher)	Intel Optane PMem is not supported <sup>13</sup>
	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher) OVM 3.4.1 (or higher)	<a href="#">4.1.12-103</a> (or higher) <a href="#">4.1.12-103</a> (or higher)	
R740	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.28.6</a> (or higher)	Intel Optane PMem is not supported <sup>13</sup>
	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher) OVM 3.4.1 (or higher)	<a href="#">4.1.12-103</a> (or higher) <a href="#">4.1.12-103</a> (or higher)	
R740xd	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.28.6</a> (or higher)	Intel Optane PMem is not supported <sup>13</sup>
	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher) OVM 3.4.1 (or higher)	<a href="#">4.1.12-103</a> (or higher) <a href="#">4.1.12-103</a> (or higher)	
R840	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.31.1</a> (or higher)	Intel Optane PMem is not supported <sup>13</sup>
R940	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.30.1</a> (or higher)	Intel Optane PMem is not supported <sup>13</sup>
	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher) OVM 3.4.1 (or higher)	<a href="#">4.1.12-112</a> (or higher) <a href="#">4.1.12-112</a> (or higher)	
<b>Tower Servers</b>				
T640	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.28.6</a> (or higher)	Intel Optane PMem is not supported <sup>13</sup>
	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher) OVM 3.4.1 (or higher)	<a href="#">4.1.12-103</a> (or higher) <a href="#">4.1.12-103</a> (or higher)	
<b>Converged, Modular or Blade Servers<sup>14</sup></b>				
<b>MX7000 Chassis Blades</b>				
MX740c	Scalable x2xx series <sup>12</sup>	<a href="#">OVM 3.4.6</a> (or higher)	<a href="#">4.1.12-124.39.5</a> (or higher)	
<b>M1000e and VRTX Chassis Blades</b>				
M640	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher)	<a href="#">4.1.12-94</a> (or higher)	
<b>FX2 Chassis Blades</b>				
FC640	Scalable x1xx series	<a href="#">OVM 3.4.4</a> (or higher)	<a href="#">4.1.12-94</a> (or higher)	

<sup>12</sup> 2<sup>nd</sup> Generation Intel Scalable x2xx series needs min BIOS v2.2.10 and with OVM 3.4.6 min UEK R4u7 kernel 4.14.12-124.24.3.el6uek.x86\_64 or higher.

<sup>13</sup> Intel Optane PMem requires min UEK R5 kernel and UEK R5 is NOT supported with OVM.

<sup>14</sup> OVM is NOT supported with SAS-based shared storage within the MX7000, M1000e, VRTX, or FX2 modular chassis.

## 5 Support Matrix - PowerEdge 13<sup>th</sup> Generation Servers

### 5.1 Oracle Linux (OL) 6.x and 7.x with UEK Release 4

Dell PowerEdge 13 <sup>th</sup> Generation Servers – Oracle Linux (OL) 6.x and 7.x with UEK R4						
Server	CPU Series	OL 7 (x86_64)		OL 6 (x86_64)		Notes
		ISO	UEK R4	ISO	UEK R4	
<b>Rack Servers</b>						
R630	Xeon E5-2600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.1.5
R730	Xeon E5-2600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.1.5
R730xd	Xeon E5-2600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.1.5
R930	Xeon E7-4800 v4 Xeon E7-8800 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.0.1
<b>Tower Servers</b>						
T630	Xeon E5-2600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.1.5
<b>Converged, Modular or Blade Servers</b>						
<b>M1000e and VRTX Blades</b>						
M630	Xeon E5-2600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.1.5
M830	Xeon E5-4600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.0.3
<b>FX2 Blades</b>						
FC630	Xeon E5-2600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.1.5
FC830	Xeon E5-4600 v4	OL 7.3 (or higher)	4.1.12-61 (or higher)	OL 6.8 (or higher)	4.1.12-37 (or higher)	Min. BIOS needed is v2.0.3

## 5.2 Oracle Linux (OL) 6.x and 7.x with UEK Release 3

Dell PowerEdge 13 <sup>th</sup> Generation Servers – Oracle Linux (OL) 6.x and 7.x with UEK R3						
Server	CPU Series	OL 7 (x86_64)		OL 6 (x86_64)		Notes
		ISO	UEK R3	ISO	UEK R3	
<b>Rack Servers</b>						
R630	Xeon E5-2600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.5 (or higher)	3.8.13-35 (or higher)	
				OL 6.6 (or higher)	3.8.13-44 (or higher)	
				OL 6.7 (or higher)	3.8.13-68 (or higher)	
	Xeon E5-2600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.1.5
R730	Xeon E5-2600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.5 (or higher)	3.8.13-35 (or higher)	
				OL 6.6 (or higher)	3.8.13-44 (or higher)	
				OL 6.7 (or higher)	3.8.13-68 (or higher)	
	Xeon E5-2600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.1.5
R730xd	Xeon E5-2600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.5 (or higher)	3.8.13-35 (or higher)	
				OL 6.6 (or higher)	3.8.13-44 (or higher)	
				OL 6.7 (or higher)	3.8.13-68 (or higher)	
	Xeon E5-2600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.1.5
R930	Xeon E7-4800 v3 Xeon E7-8800 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.6 (or higher)	3.8.13-44 (or higher)	
	Xeon E7-4800 v4 Xeon E7-8800 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.0.1
<b>Tower Servers</b>						
T630	Xeon E5-2600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.5 (or higher)	3.8.13-35 (or higher)	
				OL 6.6 (or higher)	3.8.13-44 (or higher)	
				OL 6.7 (or higher)	3.8.13-68 (or higher)	
	Xeon E5-2600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.1.5
<b>Converged, Modular, or Blades Platforms</b>						
<b>M1000e and VRTX Blades</b>						
M630	Xeon E5-2600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.6 (or higher)	3.8.13-44 (or higher)	
				OL 6.7 (or higher)	3.8.13-68 (or higher)	
	Xeon E5-2600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.1.5
M830	Xeon E5-4600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	
				OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.0.3
	Xeon E5-4600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.0.3
<b>FX2 Blades</b>						
FC630	Xeon E5-2600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.7 (or higher)	3.8.13-68 (or higher)	
	Xeon E5-2600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.1.5
FC830	Xeon E5-4600 v3	OL 7.0 (or higher)	3.8.13-35 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	
	Xeon E5-4600 v4	OL 7.2 (or higher)	3.8.13-118 (or higher)	OL 6.7 (or higher)	3.8.13-118 (or higher)	Min. BIOS needed is v2.0.3

## 5.3 Oracle VM (OVM) 3.3.x and 3.4.x

Dell PowerEdge 13 <sup>th</sup> Generation Servers – Oracle VM (OVM) 3.3.x and 3.4.x				
Server	CPU Series	OVM 3.3 (x86_64)	OVM 3.4 (x86_64)	Notes
<b>Rack Servers</b>				
R630	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
R730	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
R730xd	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
R930	Xeon E7-4800 v3	OVM 3.3.3 (or higher)		
	Xeon E7-8800 v3			
	Xeon E7-4800 v4 Xeon E7-8800 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.0.1
<b>Tower Servers</b>				
T630	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
<b>Converged, Modular, or Blades Platforms<sup>15</sup></b>				
<b>M1000e and VRTX Blades</b>				
M630	Xeon E5-2600 v3	OVM 3.3.3 (or higher)		
	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
M830	Xeon E5-4600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.0.3
<b>FX2 Blades</b>				
FC630	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
FC830	Xeon E5-4600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.0.3

<sup>15</sup> OVM is not supported with SAS-based shared storage within the M1000e, VRTX, or FX2 modular chassis

# 6 Support Matrix - PowerEdge 12<sup>th</sup> Generation Servers

## 6.1 Oracle Linux (OL) with UEK and Oracle VM (OVM)

Dell PowerEdge 12th Generation Servers					
	Processor	OL 7 x86_64 (UEK)	OL 6 x86_64 (UEK)	OL 5 x86_64 (UEK)	Oracle VM (OVM)
<b>Rack Servers</b>					
R620	Xeon E5-2600		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.7 (UEK 2.6.32-200 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
	Xeon ES-2600 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.2.8 (UEK 2.6.39-400 or higher)
			OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10(UEK 2.6.39-400 or higher)	
			OL 6.7 (UEK 3.8.13-68 or higher)		
R720	Xeon ES-2600 v2		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.7 (2.6.32-200 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
R720	Xeon ES-2600 v2		OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.2.8 (UEK 2.6.39-400 or higher)
			OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10(UEK 2.6.39-400 or higher)	
			OL 6.6 (UEK 3.8.13-44 or higher)		
			OL 6.7 (UEK 3.8.13-68 or higher)		
R720xd	Xeon ES-2600 v2		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.7 (2.6.32-200 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
R720xd	Xeon ES-2600 v2		OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.2.8 (UEK 2.6.39-400 or higher)
			OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10(UEK 2.6.39-400 or higher)	
			OL 6.6 (UEK 3.8.13-44 or higher)		
			OL 6.7 (UEK 3.8.13-68 or higher)		
R820	Xeon E5-4600		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
			OL 6.3 (UEK 2.6.39-200 or higher)		
			OL 6.4 (UEK 2.6.39-400 or higher)		
	Xeon E5-4600 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.4 (UEK 3.8.13-16 or higher)		OVM 3.2.7 (UEK 2.6.39-300 or higher)
			OL 6.5 (UEK 3.8.13-16 or higher)		OVM 3.3.1 (UEK 3.8.13-26 or higher)
R920	Xeon E7-2800 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.2 (UEK 2.6.32-300 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or higher)
	Xeon E7-4800 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.4 (UEK 3.8.13-16 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or higher)
			OL 6.5 (UEK 3.8.13-16 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or higher)
	Xeon E7-8800 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.5 (UEK 3.8.13-16 or higher)		OVM 3.3 (UEK 3.8.13-26 or higher)
			OL 6.6 (UEK 3.8.13-44 or higher)		
			OL 6.7 (UEK 3.8.13-68 or higher)		
<b>Blade Servers</b>					
M620	Xeon E5-2600		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.8 (UEK 2.6.32-300 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
			OL 6.3 (UEK 2.6.39-200 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	
			OL 6.4 (UEK 2.6.39-400 or higher)		
	Xeon ES-2600 v2		OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
			OL 6.5 (UEK 3.8.13-16 or higher)		OVM 3.3 (UEK 3.8.13-26 or higher)
M820	Xeon E5-4600		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
			OL 6.3 (UEK 2.6.39-200 or higher)		
			OL 6.4 (UEK 2.6.39-400 or higher)		
	Xeon E5-4600 v2		OL 6.4 (UEK 3.8.13-16 or higher)		
			OL 6.5 (UEK 3.8.13-16 or higher)		
			OL 6.6 (UEK 3.8.13-44 or higher)		
			OL 6.7 (UEK 3.8.13-68 or higher)		
<b>Tower Servers</b>					
T620	Xeon E5-2600		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.7 (2.6.32-200 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher)
			OL 6.3 (UEK 2.6.39-200 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
			OL 6.4 (UEK 2.6.39-400 or higher)		
	Xeon ES-2600 v2		OL 6.4 (UEK 3.8.13-16 or higher)		
			OL 6.5 (UEK 3.8.13-16 or higher)		
			OL 6.6 (UEK 3.8.13-44 or higher)		
			OL 6.7 (UEK 3.8.13-68 or higher)		

# 7 Support Matrix - PowerEdge 11<sup>th</sup> Generation Servers

## 7.1 Oracle Linux (OL) with UEK and Oracle VM (OVM)

Dell PowerEdge 11th Generation Servers				
	Processor	OL 6 x86_64 (UEK)	OL 5 x86_64 (UEK)	Oracle VM (OVM)
<b>Rack Servers</b>				
R310		OL 6.3 (UEK 2.6.39-200 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1 (UEK 2.6.39-200 or higher)
		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
		OL 6.4 (UEK 3.8.13-16 or higher)		
		OL 6.5 (UEK 3.8.13-16 or higher)		
		OL 6.6 (UEK 3.8.13-44 or higher)		
		OL 6.7 (UEK 3.8.13-68 or higher)		
R610			OL 5.3 (or higher)	
R710			OL 5.3 (or higher)	
R715		OL 6.0 (or higher)	OL 5.5 (or higher)	
		OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	
		OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
		OL 6.6 (UEK 3.8.13-44 or higher)		
		OL 6.7 (UEK 3.8.13-68 or higher)		
R810			OL 5.8 (UEK 2.6.32-300 or higher)	OVM 3.0 (UEK 2.6.32.21 or higher)
R815		OL 6.0 (or higher)	OL 5.5 (or higher)	
		OL 6.3 (UEK 2.6.39-200 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1 (UEK 2.6.39-200 or higher)
		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
		OL 6.4 (UEK 3.8.13-16 or higher)		
		OL 6.5 (UEK 3.8.13-16 or higher)		
		OL 6.6 (UEK 3.8.13-44 or higher)		
R910	Xeon 7500	OL 6.0 (or higher)	OL 5.5 (or higher)	
	Xeon E7-4800	OL 6.0 (or higher)	OL 5.5 (or higher)	
	Xeon E7-8800	OL 6.0 (or higher)	OL 5.5 (or higher)	
		OL 6.3 (UEK 2.6.39-200 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1 (UEK 2.6.39-200 or higher)
		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
		OL 6.4 (UEK 3.8.13-16 or higher)		
		OL 6.5 (UEK 3.8.13-16 or higher)		
		OL 6.6 (UEK 3.8.13-44 or higher)		
	OL 6.7 (UEK 3.8.13-68 or higher)			
<b>Blade Servers</b>				
M610		OL 6.0 (or higher)	OL 5.3 (or higher)	
		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1 (UEK 2.6.39-200 or higher)
		OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
		OL 6.5 (UEK 3.8.13-16 or higher)		
		OL 6.6 (UEK 3.8.13-44 or higher)		
		OL 6.7 (UEK 3.8.13-68 or higher)		
M710			OL 5.3 (or higher)	
M910		OL 6.0 (or higher)	OL 5.5 (or higher)	
		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.2 (UEK 2.6.39-300 or higher)
		OL 6.4 (UEK 3.8.13-16 or higher)		
		OL 6.5 (UEK 3.8.13-16 or higher)		
		OL 6.6 (UEK 3.8.13-44 or higher)		
		OL 6.7 (UEK 3.8.13-68 or higher)		
M915			OL 5.6 (or higher)	
<b>Tower Servers</b>				
T610			OL 5.3 (or higher)	