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

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#### 1 Dell EMC & Oracle Joint HCL Support Policy

This document explains some but not all Dell EMC & Oracle Joint HCL support policy in regards to Oracle Linux (OL) with the Unbreakable Enterprise Kernel (UEK) and Oracle VM (OVM). It is provided merely 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.x.y 'x.x' is considered major update and 'y' 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 with the 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 R3**U3** (3.8.13-**44**), UEK R3**U4** (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** autosupported 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. <u>Major updates are not implicitly supported and require new HCL cert for support</u>
  E.g. If R730 is certified with OL 6.5 with the 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. <u>UEK cert. does not auto-extend across major releases and OSes:</u> 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 with the 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

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

For RHCK versions supported by platforms refer to:

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

Dell EMC Oracle HCLs < search by Dell>

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

#### 2.1 Oracle Linux (OL) with UEK Release 4

Dell E	MC PowerEc	lge 13 <sup>th</sup> Gene	eration Servers	– Oracle Lir	nux (OL) with U	JEK Release 4
Server	CPU Series	OL7	(x86_64)	OL 6	(x86_64)	Notes
Server	CPU Series	ISO	UEK R4	ISO	UEK R4	Notes
Rack Se	ervers					
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
Tower 9	Servers					
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
Conver	ged, Modular, or	Blades Platforms	3			
M1000e	and VRTX Blades					
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
FX2 Blad	les			•		
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

#### 2.2 Oracle Linux (OL) with UEK Release 3

Dell E	MC PowerEc	dge 13 <sup>th</sup> Gen	eration Servers	– Oracle Lir	nux (OL) with U	JEK Release 3
Convor	CPU Series	OL 7 (x86_64)		OL 6	(x86_64)	Natas
Server	CPU Series	ISO	UEK R3	ISO	UEK R3	Notes
Rack Se	ervers					
				OL 6.5 (or higher)	3.8.13-35 (or higher)	
R630	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)	
ROSU				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
				OL 6.5 (or higher)	3.8.13-35 (or higher)	
R730	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)	
K/30				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
				OL 6.5 (or higher)	3.8.13-35 (or higher)	
R730xd	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)	
K/30Xu				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)	
K930	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
Tower S	Servers					
				OL 6.5 (or higher)	3.8.13-35 (or higher)	
TC70	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)	
T630				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
Conver	ged, Modular, or	Blades Platform	s			
M1000e	and VRTX Blades					
	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)	
M630	XeOH L3-2000 V3	OL 7.0 (or riigher)	3.6.13-33 (Of 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)	
141020	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
FX2 Blad	les					
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)	
. 0000	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)	
rC030	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

#### 2.3 Oracle VM (OVM) Release 3

Dell E Server	CPU Series	OVM 3.3 (x86_64)	OVM 3.4 (x86_64)	Notes
Rack Se		O VIVI 3.3 (XOO_O+)	O V 1-1 3.4 (XOO_O4)	Hotes
Nack 30	Xeon E5-2600 v3	OVM 3.3.1 (or higher)	l	
R630	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
	Xeon E5-2600 v3	OVM 3.3.1 (or higher)	e vi ve. ii. (er riigiler)	7 1111 2100 1100000 12 1210
R730	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
R730xd	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
D070	Xeon E7-4800 v3 Xeon E7-8800 v3	OVM 3.3.3 (or higher)		
R930	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
Tower:	Servers			
T630	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
1030	Xeon E5-2600 v4	OVM 3.3.4 (or higher)	OVM 3.4.1 (or higher)	Min. BIOS needed is v2.1.5
Conver	ged, Modular, or	Blades Platforms <sup>1</sup>		
M1000e	and VRTX Blades			
M630	Xeon E5-2600 v3	OVM 3.3.3 (or higher)		
MOSO	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
FX2 Blac	les			
FC630	Xeon E5-2600 v3	OVM 3.3.1 (or higher)		
rC030	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

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 $<sup>^{1}</sup>$  Blades are not supported with SAS-based shared storage within the M1000e, VRTX, or FX2 modular chassis

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

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

	Processor	OL 7 x86_64 (UEK)	OL 6 x86_64 (UEK)	OL 5 x86_64 (UEK)	Oracle VM (OVM)
Rack Serv	vers				
	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)
			OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	·
R620			OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10(UEK 2.6.39-400 or higher)	1
	Xeon ES-2600 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.7 (UEK 3.8.13-68 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or higher
			OL 6.7 (UEK 3.8.13-68 or higher)		
	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 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	,
R720			OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10(UEK 2.6.39-400 or higher)	1
	Xeon ES-2600 v2		OL 6.6 (UEK 3.8.13-44 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or highe
			OL 6.7 (UEK 3.8.13-68 or higher)		
	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 highe
	7,0011 20 2000		OL 6.4 (UEK 3.8.13-16 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	0 11 1 0 11 1 (0 1 1 1 1 0 1 0 1 1 1 1 1
R720xd			OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10(UEK 2.6.39-400 or higher)	1
., 20,10	Xeon ES-2600 v2		OL 6.6 (UEK 3.8.13-44 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or highe
			OL 6.7 (UEK 3.8.13-68 or higher)	7	
			OL 6.2 (UEK 2.6.32-300 or higher)		
			OL 6.3 (UEK 2.6.39-200 or higher)	-	
	Xeon E5-4600		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or highe
R820			OL 6.4 (UEK 3.8.13-16 or higher)	_	
1020			OL 6.5 (UEK 3.8.13-16 or higher)		OVM 3.2.7 (UEK 2.6.39-300 or highe
	Xeon E5-4600 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.6 (UEK 3.8.13-44 or higher)	_	OVM 3.3.1 (UEK 3.8.13-26 or higher)
	Xe011 L3-4000 V2	OL 7.0 (OLK 3.8.13-33 Of Higher)	OL 6.7 (UEK 3.8.13-68 or higher)	_	OVM 3.3.1 (OER 3.8.13-20 of Higher)
	Xeon E7-2800 v2	OL 7.0 (LIEK 7.0.17.75 as bishas)			OVM 7 2 9 (UEV 2 6 70, 400 as bish
	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 highe
R920	Xeon E7-4800 V2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.5 (UEK 3.8.13-16 or higher) OL 6.5 (UEK 3.8.13-16 or higher)		OVM 3.2.8 (UEK 2.6.39-400 or higher OVM 3.2.8 (UEK 2.6.39-400 or higher DVM 3.2.8 (UEK 2.6.39-400 or h
1920	Xeon E7-8800 v2	OL 7.0 (UEK 3.8.13-35 or higher)	OL 6.6 (UEK 3.8.13-44 or higher)	-	OVM 3.3 (UEK 3.8.13-26 or higher)
	XeOI1 L7-0000 V2	OL 7.0 (OLK 3.8.13-33 Of Higher)	OL 6.7 (UEK 3.8.13-68 or higher)	-	OVM 3.3 (OER 3.6.13-20 0) Higher)
Blade Ser	Nore.		OL 6.7 (UEK 3.6.13-66 Of Higher)		
staue sei	T T		OL 6.2 (UEK 2.6.32-300 or higher)	OL 5.8 (UEK 2.6.32-300 or higher)	
	Xeon E5-2600		OL 6.3 (UEK 2.6.39-200 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or higher
	XeOH E5-2000			OL 5.9 (OEK 2.6.39-300 of Higher)	OVM 3.1.1 (UEK 2.0.39-200 of Higher
4620			OL 6.4 (UEK 2.6.39-400 or higher)		OVM 7.2 (UEV.2.6.70, 700 as bishow)
M620			OL 6.4 (UEK 3.8.13-16 or higher)	4	OVM 3.2 (UEK 2.6.39-300 or higher)
	Xeon ES-2600 v2		OL 6.5 (UEK 3.8.13-16 or higher)	OL 5.10 (UEK 2.6.39-400 or higher)	OVM 3.3 (UEK 3.8.13-26 or higher)
			OL 6.6 (UEK 3.8.13-44 or higher)	4	
			OL 6.7 (UEK 3.8.13-68 or higher)		
	V 55 4600		OL 6.3 (UEK 2.6.39-200 or higher)	-	0)4474441540670000
	Xeon E5-4600		OL 6.4 (UEK 2.6.39-400 or higher)	OL 5.9 (UEK 2.6.39-300 or higher)	OVM 3.1.1 (UEK 2.6.39-200 or highe
<b>4820</b>			OL 6.4 (UEK 3.8.13-16 or higher)		
	V FF 4600 2		OL 6.5 (UEK 3.8.13-16 or higher)	4	
	Xeon E5-4600 v2		OL 6.6 (UEK 3.8.13-44 or higher)	_	
F C-			OL 6.7 (UEK 3.8.13-68 or higher)		
ower Se	rvers	1	OL 63 (UEV 3 6 73 700 - 1551 )	01 57/2672 200 - 1995	OVA 744 (UEV 2 6 70 200 : 111
	V FE 2000		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
	Xeon E5-2600		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)
-620		1	OL 6.4 (UEK 2.6.39-400 or higher)		
620			OL 6.4 (UEK 3.8.13-16 or higher)	4	
	Xeon ES-2600 v2		OL 6.5 (UEK 3.8.13-16 or higher)	4	
			OL 6.6 (UEK 3.8.13-44 or higher)	_	
	I		OL 6.7 (UEK 3.8.13-68 or higher)	1	ĺ

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

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

	Processor	OL 6 x86_64 (UEK)	OL 5 x86_64 (UEK)	Oracle VM (OVM)
Rack Serve		000000000000000000000000000000000000000		
RUCK SCI V		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)	OE 3.10 (OER 2.0.33 TOO OF HIGHER)	OVINS.E (OER E.O.S) SOO OF HIGHER)
R310		OL 6.5 (UEK 3.8.13-16 or higher)	<del> </del>	
		OL 6.6 (UEK 3.8.13-44 or higher)		
		OL 6.7 (UEK 3.8.13-68 or higher)	<del> </del>	
R610			OL 5.3 (or higher)	
R710		+	OL 5.3 (or higher)	
10 10		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)	
R715		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)
117 13		OL 6.6 (UEK 3.8.13-44 or higher)	OE 3.10 (OER 2.0.35-400 OF Higher)	OVIN 5.2 (OER 2.0.39-300 OF Higher)
		OL 6.7 (UEK 3.8.13-44 or higher)		
R810		TE SIN (SERVICIONE GO OF HIGHER)	OL 5.8 (UEK 2.6.32-300 or higher)	OVM 3.0 (UEK 2.6.32.21 or higher)
		OL 6.0 (or higher)	OL 5.5 (or higher)	5 T. 1010 (SER EloloElEE of 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)
R815		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)		
	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)	
	7,0011 27 1000	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)
R910		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)
	Xeon E7-8800	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)		
Blade Serv	ers			<u> </u>
		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)
M610		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)	
		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)		-
M910		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)	
Tower Ser	vers			