



Ubuntu Server LTS Certification Matrix for Dell EMC PowerEdge Servers

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Dell EMC Linux Team

Introduction

- This set of matrices attempt to represent the certification status between different versions of Ubuntu Server LTS and Dell EMC PowerEdge servers
- Prior to the availability of Dell EMC 14th Generation Servers, Ubuntu Server was Canonical supported on Dell EMC servers, but with the release of 14G Servers Dell EMC offer L1 & L2 support for Ubuntu Server LTS OEM on 14G servers.
- Dell EMC's policy is to offer 'validation' support for a new release of Ubuntu Server LTS at GA or as soon as possible afterward
 - Customers with an existing Dell EMC ProSupport contract who purchased their Ubuntu Server LTS subscription with their Dell EMC server will continue to be covered by their ProSupport contract.



Support levels for a platform/release combination

- There are three levels of status :
 - **Not Supported** : The absence of an icon indicates that this release is not supported or certified for the referenced platform.
 - **Validated** : The release has been successfully certified and tested and will appear on the Canonical hardware certification page. The contents of the distribution are supported by Dell EMC for their Ubuntu OEM customers and contain functioning drivers for the hardware platform. In the following matrices, Validated is indicated by : 
 - **Fully Supported** : The contents of the distribution are **Validated** AND the Dell EMC Systems Management tools are available for this combination of Ubuntu Server LTS release and the hardware. In the following matrices, Fully Supported is indicated by : 

Ubuntu Server
18.04 LTS

PowerEdge 14th
Generation Support



Ubuntu Server 18.04 LTS, 14G Rack Servers, Blades, Towers & PE-C

14G Rack	XR2	R240	R340	R440	R540	R640	R740	R740xd	R740xd2	R840	R940	R940xa
64 Bit Only												
18.04 (4.15)												
18.04.1 (4.15)												
18.04.2 (4.15)												
14G Rack AMD	R6415*	R7415*	R7425*									
64 Bit Only												
18.04 (4.15)												
18.04.1 (4.15)												
18.04.2 (4.15)												
14G PE-C	C6420	C4140										
64 Bit Only												
18.04 (4.15)												
18.04.1 (4.15)												
18.04.2 (4.15)												
14G Modular	M1000e Blade	FX2 Blade	MX7000 Blade	MX7000 Blade								
	M640	FC640	MX740c	MX840c								
64 Bit Only												
18.04 (4.15)												
18.04.1 (4.15)												
18.04.2 (4.15)												
14G Tower	T140	T340	T440	T640								
64 Bit Only												
18.04 (4.15)												
18.04.1 (4.15)												
18.04.2 (4.15)												

*H730 & H740p require minimum kernel version 4.15.0-46 on these platforms

*H330 requires BIOS v1.8.7 on these platforms

* The 4.15.0-29 and 4.15.0-32 kernels do not support the HBA330 on R6415 and R7415

Note: 18.04 does not support the S140/SWRAID configuration



Ubuntu Server
16.04 LTS

PowerEdge 14th
Generation Support



Ubuntu Server 16.04 LTS, 14G Rack Servers, Blades, Towers & PE-C

14G Rack	R440	R540	R640	R740	R740xd	R840	R940	R940xa
64 Bit Only								
16.04.1 (4.4)								
16.04.4 (4.13)								
16.04.5 (4.15)								
14G Rack AMD								
	R6415*	R7415*	R7425*					
64 Bit Only								
16.04.4 (4.13)								
16.04.5 (4.15)								
14G PE-C								
	C6420	C4140						
64 Bit Only								
16.04.1 (4.4)								
16.04.4 (4.13)								
16.04.5 (4.15)								
14G Modular								
	M1000 Blade	FX2 Blade	MX7000 Blade	X7000 Blade				
	M640	FC640	MX740c	MX840c				
64 Bit Only								
16.04.1 (4.4)								
16.04.4 (4.13)								
16.04.5 (4.15)								
14G Tower								
	T440	T640						
64 Bit Only								
16.04.1 (4.4)								
16.04.4 (4.13)								
16.04.5 (4.15)								

*H730 & H740p require minimum kernel version 4.15.0-46 on these platforms

*H330 requires BIOS version 1.8.7 on these platforms

