Dell EMC PowerEdge™ / Microsoft Windows Server® OS Support

Operating System support levels, as defined by Dell EMC, are:

Qualified: Dell™ Engineering has successfully tested and validated the current and immediately preceding released operating system (OS) version on Dell EMC PowerEdge™ Servers. Dell adheres to all published partner test plans to ensure OS compatibility and provides full technical support for the Dell hardware components running on the OS. Dell Qualified systems have OpenManage support.

Note for Windows Customers:

Certified for Windows®: This system meets Microsoft standards for compatibility and best practices with the Windows Server® operating system

For more information regarding this certification, please visit http://www.windowsservercatalog.com/content.aspx?ctf=logo.htm

Windows Server 2016, Data Center & Standard Editions moved from socket-based to processor-core based licensing. A calculator has been provided to aid you in selecting minimum required licensing for your PowerEdge Server with OEM WS 2016 http://en.community.dell.com/techcenter/extras/m/white_papers/20443191

For additional important information on Windows Server, including Nano Server, see the following pages: http://en.community.dell.com/techcenter/os-applications/w/wiki/11735.microsoft-windows-server-2016

Supported: Dell Engineering has successfully tested and validated **only the current operating system (OS) version** on Dell PowerEdge Servers. Dell adheres to all published partner test plans to ensure OS compatibility and provides full technical support for the Dell hardware components running on the OS. Dell Supported systems may not have OpenManage support.

Limited: Dell PowerEdge servers™ support of the operating system (OS) is limited to a virtual environment as a guest OS. Please contact the software vendor for additional support or questions about running the OS in a virtualized environment.

Third-Party Supported: All testing, support and validation on select or all Dell platforms are done by the OS partner or community. Dell collaborates with the OS third-party either via onsite engineering or other support. This OS version has not been fully tested or validated by Dell. Informal bench-testing results, if any, will be documented on Dell TechCenter. Dell system management and OpenManage support will not be provided.

Notes: Blank cells indicate no support.
Windows Server 2016 does not offer Foundation edition

PowerEdge Server Model	Windows Server 2016				Windows Server 2012				Legacy Operating Systems																	
														Windows Server 2008 R2				Windows Server 2008			Windows Server 2003		
	Essentials Edition	Standard Edition w/Hyper-V	Datacenter Edition w/Hyper-V	Support Level	Foundation Edition	Essentials Edition	Standard Edition w/Hyper-V	Datacenter Edition w/Hyper-V	R2 w/Hyper-V	Server 2012 w/Hyper-V	Web Edition	Standard Edition	Enterprise Edition	Datacenter Edition	Foundation	Server 2008 R2 w/Hyper-V	SBS 2011 Standard (incl Premium Add-on bundle)	SBS 2011 Essentials (incl Premium Add-on)	Server 2008 R2 SP1 w/Hyper-V	Server 2008 SP2 x86/x64 (x64 w/Hyper-V)	SBS SP2 (x64)	Essential Business Server (x64)	SP2 (x86/x64)	R2 (x86/x64)	SBS (x86)
				Support Level					Support Level					Support Level				Support Level			Support Level		
C1100												√	√	√		Qualified			Qualified	Qualified					
C2100												√	√	√		Qualified			Qualified	Qualified					
C4130		√	√	Qualified			√	√	Qualified	Qualified															
C5125												√	√	√		Qualified			Qualified	Qualified					
C5220							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified					
C6100												√	√	√		Qualified			Qualified	Qualified					
C6105							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified					
C6145							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified					
C6220							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified					
C6220II							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified					
C6320		√	√	Qualified			√	√	Qualified	Qualified															
C6420		√	√	Qualified			√	√	Qualified	Qualified															
C8000							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified					
C8220							√	√		Qualified		√	√	√		Qualified			Qualified	Qualified					
FC430		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited					
FC630		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited					
FC640		√	√	Qualified			√	√	Qualified	Qualified															
FC830		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified									
FM120x4*					√		√		Qualified	Qualified		√				Qualified			Qualified						
M420		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Limited	
M520		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Limited	
M600							√	√		Supported		√	√	√		Supported			Supported	Qualified		Qualified	Qualified	Qualified	
M605							√	√		Supported		√	√	2		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified	
M610							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified	
M610X							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified	
M620		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Limited	
M630		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited					
M640		√	√	Qualified			√	√	Qualified	Qualified															
M710							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified	
M710HD							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified	
M805							√	√		Supported	√	√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified (no Web)	
M820		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Limited	
M830		√	√	Qualified		√	√	√	Qualified	Qualified															
M905							√	√		Supported		√	√	√		Supported			Supported	Qualified		Qualified	Qualified	Qualified	
M910							√	√	Qualified	Qualified	√	√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified (no Web)	
M915							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Supported	
PE1800												√	√			Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
PE1850											√	√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
PE1855MC												√	√	√						Qualified		Qualified	Qualified	Qualified	
PE1900							√			Supported		√	√			Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
PE1950							√	√		Supported	√	√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
PE1950							√	√		Supported	√	√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	Qualified
PE1955MC							√	√		Supported		√	√	√		Supported			Supported	Qualified		Qualified	Qualified	Qualified	
PE2800												√	√			Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
PE2850											√	√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
PE2900							√	√		Supported		√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	
PE2900							√	√		Supported		√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
PE2950							√	√		Supported	√	√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
PE2950							√	√		Supported	√	√	√	√		Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	Qualified
PE2970							√	√		Supported	√	√	√	√		Qualified**	Qualified**		Qualified**	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
PE6800												√	√			Supported			Supported	Qualified		Qualified	Qualified	Qualified	
PE6800-800T												√	√			Supported			Supported	Qualified		Qualified	Qualified	Qualified	
PE6850												√	√	√		Supported			Supported	Qualified		Qualified	Qualified	Qualified	
PE6850-800T												√	√	√		Supported			Supported	Qualified		Qualified	Qualified	Qualified	
PE6950							√	√		Supported		√	√	√		Supported			Supported	Qualified		Qualified	Qualified	Qualified	
PE830												√				Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified
PE840												√			√	Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	Qualified
PE850											√	√				Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
PE860											√	√				Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	Qualified
R200					√		√			Supported	√	√			√	Qualified	Qualified		Qualified	Qualified (no SP2 FDT)	Qualified	Qualified	Yes (no FDT)	Qualified (no Web)	
R210					√		√		Qualified	Qualified	√	√	√		√	Qualified	Qualified		Qualified	Qualified (no SP2 FDT)	Qualified	Qualified	Limited	Qualified (no Web)	
R210 II					√	√	√		Qualified	Qualified	√	√	√		√	Qualified	Qualified	Qualified	Qualified	Qualified			Limited	Supported	
R220	√	√		Qualified	√	√	√		Qualified	Qualified		√			√	Qualified			Qualified						
R230	√	√		Qualified		√	√		Qualified	Qualified		√			√	Supported			Supported						
R300							√			Supported	√	√	√			Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	
R310						√	√		Qualified	Qualified	√	√	√			Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Limited	Qualified (no Web)	
R320	√	√		Qualified		√	√		Qualified	Qualified	√	√	√			Qualified	Qualified	Qualified	Qualified	Qualified			Limited	Limited	
R330	√	√		Qualified		√	√		Qualified	Qualified		√	√			Supported	Supported		Supported						

PowerEdge Server Model	Windows Server 2016				Windows Server 2012				Legacy Operating Systems																		
														Windows Server 2008 R2					Windows Server 2008			Windows Server 2003				
	Essentials Edition	Standard Edition w/Hyper-V	Datacenter Edition w/Hyper-V	Support Level	Foundation Edition	Essentials Edition	Standard Edition w/Hyper-V	Datacenter Edition w/Hyper-V	R2 w/Hyper-V	Server 2012 w/Hyper-V	Web Edition	Standard Edition	Enterprise Edition	Datacenter Edition	Foundation	Server 2008 R2 w/Hyper-V	SBS 2011 Standard (incl Premium Add-on bundle)	SBS 2011 Essentials (incl Premium Add-on)	Server 2008 R2 SP1 w/Hyper-V	Server 2008 SP2 x86/x64 (x64 w/Hyper-V)	SBS SP2 (x64)	Essential Business Server (x64)	SP2 (x86/x64)	R2 (x86/x64)	SBS (x86)		
									Support Level							Support Level				Support Level			Support Level				
R410							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)	Qualified		
R415							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
R420		√	√	Qualified			√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified			Limited	Limited			
R430		√	√	Qualified			√	√	Qualified	Qualified	√	√	√	√		Qualified			Qualified	Limited							
R440		√	√	Qualified			√	√	Qualified	Qualified																	
R510							√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
R510							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
R515							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
R520		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified			Limited	Limited			
R530		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited							
R530xd**							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited							
R540		√	√	Qualified			√	√	Qualified	Qualified																	
R610							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)			
R620		√	√	Qualified			√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified			Limited	Limited			
R630		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited							
R640		√	√	Qualified			√	√	Qualified	Qualified																	
R6415		√	√	Qualified			√	√	Qualified	Qualified																	
R710							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)			
R715							√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)			
R720		√	√	Qualified			√	√	Qualified	Qualified	√	√	√	√		Qualified	Qualified		Qualified	Qualified			Limited	Limited			
R730		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Supported			Qualified	Limited							
R730xd		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Supported			Qualified	Limited							
R740		√	√	Qualified			√	√	Qualified	Qualified																	
R740xd		√	√	Qualified			√	√	Qualified	Qualified																	
R7415		√	√	Qualified			√	√	Qualified	Qualified																	
R7425		√	√	Qualified			√	√	Qualified	Qualified																	
R805v							√	√		Supported		√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
R810							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified			
R815							√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified			
R820		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Limited			
R830		√	√	Qualified			√	√	Qualified	Qualified																	
R900							√	√		Limited		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified			
R905v							√	√		Supported		√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified			
R910							√	√	Qualified	Qualified	√	√	√	√		Qualified			Qualified	Qualified		Qualified	Qualified	Qualified (no Web)			
R920		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified							
R930		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited							
R940		√	√	Qualified			√	√	Qualified	Qualified																	
SC1430												√				Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified		
SC1435							√			Supported	√	√				Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified (no Web)			
SC440												√				Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified		
T100					√		√			Supported		√	√		√	Qualified	Qualified		Qualified	Qualified (no SP2 FDT)	Qualified	Qualified	Yes (no FDT)	Qualified (no Web)	Qualified		
T105							√			Supported		√			√	Qualified	Qualified		Qualified	Yes (no SP2 FDT)	Qualified	Qualified	Yes (no FDT)	Qualified (no Web)	Qualified		
T110					√		√		Qualified	Qualified		√			√	Qualified	Qualified		Qualified	Qualified (no SP2 FDT)	Qualified	Qualified	Limited	Qualified (no Web)			
T110 II					√	√	√		Qualified	Qualified		√			√	Qualified	Qualified	Qualified	Qualified	Qualified			Limited	Limited			
T130	√	√		Qualified	√	√	√		Qualified	Qualified		√			√	Supported			Supported								
T20	√	√		Qualified	√	√	√		Qualified	Qualified		√			√	Qualified			Qualified								
T30	√	√		Qualified	√	√	√		Qualified	Qualified		√			√	Supported			Supported								
T300							√			Supported		√	√			Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified		
T310						√	√		Qualified	Qualified		√	√			Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Limited	Qualified			
T320	√	√		Qualified		√	√		Qualified	Qualified		√	√			Qualified	Qualified	Qualified	Qualified	Qualified			Limited	Limited			
T330	√	√		Qualified		√	√		Qualified	Qualified		√	√			Supported			Supported								
T410							√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified		
T420		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified			Limited	Limited			
T430		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited							
T440		√	√	Qualified			√	√	Qualified	Qualified																	
T605							√			Supported		√	√			Supported	Supported		Supported	Qualified	Qualified	Qualified	Qualified	Qualified	Qualified		
T610							√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
T620		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified			Limited	Limited			
T630		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Limited							
T640		√	√	Qualified			√	√	Qualified	Qualified																	
T710							√	√	Qualified	Qualified		√	√	√		Qualified	Qualified		Qualified	Qualified	Qualified	Qualified	Qualified	Qualified			
VRTX		√	√	Qualified			√	√	Qualified	Qualified		√	√	√		Qualified			Qualified	Qualified			Limited	Limited			

Updated: March, 2018

* Not supported at WS2016 RTS

** Platform Discontinued

(1) Supported on Intel® Skylake based systems. Microsoft has ended support for WS2008R2 on Intel® Kabylake including security and quality updates.