



P4000 iSCSI Microsoft Windows Server 2008 - all versions, editions

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Overview

This document contains information regarding compatibility and interoperability for a "configuration set" of Storage Area Network (SAN) components. A configuration set is a collection of components that are compatible in a particular context. For example, configuration sets of type "array-os" contain components that are compatible from an array-os perspective. An example of an array-os config set is the "EVA4400 Microsoft Windows Server 2008 IA64" config set. It describes the components that are currently supported for the EVA4400 array in a Windows 2008 IA64 environment.

It is very important that you note the details of the components listed in these tables, as they describe the specific attributes of supported component versions. It is also very important to examine the notes in each section, because they may further limit or clarify supported configurations.

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General notes about this configuration set

For specific configuration guidelines and coexistence information, refer to the SAN Design Reference Guide at <http://h18000.www1.hp.com/products/storageworks/san/documentation.html>.

Links

[Solution Software: Application Notes](http://spock.corp.hp.com/spock/utility/document.aspx?docurl=Shared%20Documents/Solution_Software/All/SolSW_Application_Notes.pdf) -(http://spock.corp.hp.com/spock/utility/document.aspx?docurl=Shared%20Documents/Solution_Software/All/SolSW_Application_Notes.pdf)

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Disk Array (40)	
Name	LeftHand OS version (previously known as SAN/iQ)
HP LeftHand VSA/ StoreVirtual VSA	SAN/iQ 8.1
HP LeftHand VSA/ StoreVirtual VSA	SAN/iQ 8.5
HP LeftHand VSA/ StoreVirtual VSA	SAN/iQ 9.0
HP LeftHand VSA/ StoreVirtual VSA	SAN/iQ 9.5
HP LeftHand VSA/ StoreVirtual VSA	LeftHand OS 10.0
HP LeftHand VSA/ StoreVirtual VSA	LeftHand OS 10.5
HP P4300	SAN/iQ 9.5
HP P4300	SAN/iQ 8.1
HP P4300	SAN/iQ 8.5
HP P4300	SAN/iQ 9.0
HP P4300 G2	SAN/iQ 8.1
HP P4300 G2	SAN/iQ 8.5
HP P4300 G2	SAN/iQ 9.0
HP P4300 G2	SAN/iQ 9.5
HP P4300 G2	LeftHand OS 10.0
HP P4300 G2	LeftHand OS 10.5
HP P4500	SAN/iQ 9.5
HP P4500	SAN/iQ 8.1
HP P4500	SAN/iQ 8.5
HP P4500	SAN/iQ 9.0
HP P4500 G2	SAN/iQ 8.1
HP P4500 G2	SAN/iQ 8.5

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Name	LeftHand OS version (previously known as SAN/iQ)
HP P4500 G2	SAN/iQ 9.0
HP P4500 G2	SAN/iQ 9.5
HP P4500 G2	LeftHand OS 10.0
HP P4500 G2	LeftHand OS 10.5
HP P4800 G2	LeftHand OS 10.5
HP P4800 G2	LeftHand OS 10.0
HP P4800 G2	SAN/iQ 8.5
HP P4800 G2	SAN/iQ 9.0
HP P4800 G2	SAN/iQ 9.5
HP P4900 G2	SAN/iQ 9.5
HP P4900 G2	LeftHand OS 10.0
HP P4900 G2	LeftHand OS 10.5
HP StoreVirtual 4130	LeftHand OS 10.5
HP StoreVirtual 4130	LeftHand OS 10.0
HP StoreVirtual 4330	LeftHand OS 10.0
HP StoreVirtual 4330	LeftHand OS 10.5
HP StoreVirtual 4530	LeftHand OS 10.5
HP StoreVirtual 4730	LeftHand OS 10.5

Operating System (5)

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Name	OS Version
Windows Server 2008 R2 x64	All Editions
Windows Server 2008 SP1 IA32	All Editions
Windows Server 2008 SP1 x64	All Editions
Windows Server 2008 SP2 IA32	All Editions
Windows Server 2008 SP2 x64	All Editions

Notes:

General Operating System (5) Notes:

Windows Vista & Windows 7 are supported as per their server equivalents. DSM for MPIO, VSS and iSCSI HBA's are not support for client versions.

iSCSI Initiator (1)	
Name	iSCSI Initiator Version
Microsoft Windows 2008 iSCSI Initiator	6.1

Host Bus Adapter (HBA) (3)				
Name	Vendor	BIOS	Firmware Version	Boot Support
QLe4060c	QLogic	1.14	3.0.1.49	Y
QLe4062c	QLogic	1.14	3.0.1.49	Y
QMH4062	QLogic	1.14	3.0.1.49	Y

Converged Network Adapter (CNA) (3)							
Name	Bus	Ethernet Speed	Vendor	Driver Version	Firmware	Boot Code	Boot Support
554M	PCIe	10 GbE	HP		4.1.450.16		Y
NC553i	LOM	10GbE	HP	2.102.485.4	4.0.360-15	2.0.8.768	Y
NC553m	PCIe	10 GbE	HP	2.102.485.4	4.0.360-15	2.0.8.768	Y

Notes:

General Converged Network Adapter (CNA) (3) Notes:

554M adapter is supported on Windows Server 2008 R2 SP1 only (including boot from SAN)

Storage Management Software (6)			
Name	Category	Vendor	Software Version
Backup Exec	Backup	Symantec	2010
CLiQ - SAN/iQ Command Line Interface	SAN Management	HP	
P4000 Central Management Console (CMC)	SAN Management	HP	
P4000 DSM for MPIO	Multipath	HP	
Symantec Backup Exec	Backup	Symantec	12
VSS Hardware Provider	Host Software	HP	

Notes:

General Storage Management Software (6) Notes:

P4000 DSM for MPIO supports multiple network interfaces, iSCSI HBAs are not supported.

Cluster Management-High Availability (1)

Name	Software Version
Microsoft Failover Clusters	Windows Server 2008