



HP Cluster Configuration Support Matrix

For Microsoft Windows 2003 Server, Datacenter and Enterprise Edition for Itanium-2 & HP StorageWorks EVA8000, EVA6000, EVA4000

Config	Supported Servers*	Server Software	Host Bus Adapters (HBAs)**	Multi Path Software	Storage Information	Interconnects (Switches)	Other
<p>#1</p> <p>Windows Server 2003, for Itanium-2 based Servers (64-bit) With Service Pack 1</p>	<p>Max supported nodes = 8</p> <p>Integrity</p> <ul style="list-style-type: none"> • BL860c • BL870c • sx1000 • sx2000 • rx8640 • rx8620 • rx7640 • rx7620 • rx6600 • rx4640 • rx3600 • rx2660 • rx2620 • rx1620 <p>* Note: Servers can be used homogeneously or heterogeneously within a cluster.</p>	<p>SmartSetup Ver: 5.5 and above</p>	<p>AD167A & AD168A StorPort Driver: 6-2.00a12 FW: 2.72A2</p> <p>A8002A & A8003A StorPort Driver: 6-2.00a12 FW: 2.72a2</p> <p>AB232A StorPort Driver: 6-2.00a12 FW: 1.91a5</p> <p>AB466A & AB467A StorPort Driver: 6-2.00a12 FW: 1.91a5</p> <p>403621-B21 StorPort Driver: 6-2.00a12 FW: 2.72A2</p> <p>AB429A & AB379A/B StorPort Driver: 9.1.6.15 FW: 4.00.90</p> <p>AD300A & AE311A StorPort Driver: 9.1.6.15 FW: 4.00.90</p> <p>403619-B21 StorPort Driver: 9.1.6.15 FW: 4.00.90</p> <p>Note1 : HBAs must be used homogeneously within a cluster.</p> <p>Note2: Some HBAs may not be supported on specific Servers.</p>	<p>Windows MPIO DSM for EVA Ver 2.01.01</p>	<p>StorageWorks Enterprise Virtual Array 8x00 Virtual Controller Software (VCS) FW: 6.110</p> <p>StorageWorks Enterprise Virtual Array 6x00 Array Controller FW: 6.110</p> <p>StorageWorks Enterprise Virtual Array 4x00 Array Controller FW: 6.110</p>	<p>B-Series StorageWorks SAN Switches FW: 5.3.0d</p> <ul style="list-style-type: none"> •SAN Switch 4/32 •SAN Director 2/128 •4/8 SAN Switch •4/16 SAN Switch •4/256 SAN Director <p>B-Series StorageWorks SAN Switches FW: 5.0.5f</p> <ul style="list-style-type: none"> •Core Switch 2/64 <p>M-Series StorageWorks Director and Edge Switches FW: 09.03.00</p> <ul style="list-style-type: none"> •HP StorageWorks Director 2/64, 2/140 •HP StorageWorks Edge Switch 2/12, 2/16, 2/24, 2/32 •HP Surestore Director FC-64 <p>C-Series Cisco Switches FW: 3.2(2C)</p> <ul style="list-style-type: none"> •Cisco MDS 9120 •Cisco MDS 9140 •Cisco MDS 9216A •Cisco MDS 9216I •Cisco MDS 9506 •Cisco MDS 9509 •Cisco MDS 9513 	<p>Product Page</p> <p>Supporting Documentation</p> <p>March 2008</p>



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Config	Supported Servers*	Server Software	Host Bus Adapters (HBAs)**	Multi Path Software	Storage Information	Interconnects (Switches)	Other
<p>#2</p> <p>Windows Server 2003, Enterprise Edition for Itanium-2 based Servers (64-bit) With Service Pack 1</p>	<p>Max supported nodes = 8</p> <p>Integrity</p> <ul style="list-style-type: none"> • sx1000 • sx2000 • rx8640 • rx8620 • rx7640 • rx7620 • rx6600 • rx4640 • rx3600 • rx2660 • rx2620 • rx1620 <p>* Note: Servers can be used homogeneously or heterogeneously within a cluster.</p>	<p>SmartSetup Ver: 4.6 and above</p>	<p>AD167A & AD168A SCSI Port Driver: 6-5.30a2 FW: 2.10a10 StorPort Driver: 6-1.20a7 FW: 2.10a10</p> <p>A8002A & A8003A StorPort Driver: 6-1.20a7 FW: 2.50a6</p> <p>AB232A ScsiPort Driver: 6-5.30a2 FW: 1.91a5 StorPort Driver: 6-1.20a7 FW: 1.91a5</p> <p>AB466A & AB467A ScsiPort Driver: 6-5.30a2 FW: 1.91a5 StorPort Driver: 6-1.20a7 FW: 1.91a5</p> <p>AB429A & AB379A/B StorPort Driver: 9.1.0.18 FW: 4.00.70</p> <p>AD300A & AE311A StorPort Driver: 9.1.0.18 FW: 4.00.70</p> <p>Note1 : HBAs must be used homogeneously within a cluster.</p> <p>Note2: Some HBAs may not be supported on specific Servers.</p>	<p>Windows MPIO DSM for EVA Ver 2.01.00 Command View v6.0 build 192</p>	<p>StorageWorks Enterprise Virtual Array 8000 Virtual Controller Software (VCS) FW: : XCS 6.000 CD0CDE</p> <p>StorageWorks Enterprise Virtual Array 6000 Array Controller FW: : XCS 6.000 CD0CDE</p> <p>StorageWorks Enterprise Virtual Array 4000 Array Controller FW: : XCS 6.000 CD0CDE</p>	<p>B-Series StorageWorks SAN Switches FW: 5.1.0</p> <ul style="list-style-type: none"> • SAN Switch 4/32 • SAN Director 2/128 • 4/8 SAN Switch • 4/16 SAN Switch • 4/256 SAN Director <p>B-Series StorageWorks SAN Switches FW: 5.0.3b</p> <ul style="list-style-type: none"> • Core Switch 2/64 <p>M-Series StorageWorks Director and Edge Switches FW: 08.01.01</p> <ul style="list-style-type: none"> • HP StorageWorks Director 2/64, 2/140 • HP StorageWorks Edge Switch 2/12, 2/16, 2/24, 2/32 • HP Surestore Director FC-64 <p>C-Series Cisco Switches FW: 3.0(1)</p> <ul style="list-style-type: none"> • Cisco MDS 9120 • Cisco MDS 9140 • Cisco MDS 9216A • Cisco MDS 9216i • Cisco MDS 9506 • Cisco MDS 9509 • Cisco MDS 9513 	<p>Product Page</p> <p>Supporting Documentation</p>

January 2007



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#2 Windows Server 2003, Enterprise Edition for Itanium-2 based Servers (64-bit) With Service Pack 1	<p>Max supported nodes = 8</p> <p>Integrity</p> <ul style="list-style-type: none"> • sx1000 • sx2000 • rx8640 • rx8620 • rx7640 • rx7620 • rx4640 • rx2620 • rx2600 • rx1620 <p>* Note: Servers can be used homogeneously or heterogeneously within a cluster.</p>	<p>SmartSetup Ver: 4.0 and above</p>	<p>FC2143 & FC2243 ScsiPort Driver: 6-5.20a9 FW: 2.10a7</p> <p>Or StorPort Driver: 6-1.11x1 FW: 2.10a7</p> <p>AB232A ScsiPort Driver: 6-5.20a9 FW: 1.91a1</p> <p>Or StorPort Driver: 6-1.10.a4 FW: 1.91a1</p> <p>AB466A & AB467A ScsiPort Driver: 6-5.20a9 FW: 1.91a1</p> <p>Or StorPort Driver: 6-1.10.a4 FW: 1.91a1</p> <p>* Note: HBAs must be used homogeneously within a cluster.</p>	<p>Windows MPIO DSM for EVA Ver 1.00.02</p>	<p>StorageWorks Enterprise Virtual Array 8000 Virtual Controller Software (VCS) FW: v5.031</p> <p>StorageWorks Enterprise Virtual Array 6000 Array Controller FW: 5.031</p> <p>StorageWorks Enterprise Virtual Array 4000 Array Controller FW: 5.031</p>	<p>B-Series StorageWorks SAN Switches FW: 5.1.0</p> <ul style="list-style-type: none"> •SAN Switch 4/32 •SAN Director 2/128 •4/8 SAN Switch •4/16 SAN Switch •4/256 SAN Director <p>B-Series StorageWorks SAN Switches FW: 5.0.3b</p> <ul style="list-style-type: none"> •Core Switch 2/64 <p>M-Series StorageWorks Director and Edge Switches FW: 08.01.01</p> <ul style="list-style-type: none"> •HP StorageWorks Director 2/64, 2/140 •HP StorageWorks Edge Switch 2/12, 2/16, 2/24, 2/32 •HP Surestore Director FC-64 <p>C-Series Cisco Switches FW: 3.0(1)</p> <ul style="list-style-type: none"> •Cisco MDS 9120 •Cisco MDS 9140 •Cisco MDS 9216A •Cisco MDS 9216i •Cisco MDS 9506 •Cisco MDS 9509 •Cisco MDS 9513 	<p>Product Page</p> <p>Supporting Documentation</p>

May 2006