



HP Cluster Configuration Support Matrix For Microsoft Windows Server 2003, Datacenter Edition for Itanium-2 & HP StorageWorks MSA1000

Config	Supported Servers*	Server Software	Host Bus Adapters (HBAs)**	Multi Path Software	Storage Information	Interconnects (Switches)	Other
#1 Windows Server 2003, Datacenter Edition for Itanium-2 based Servers (64-bit) with Service Pack 1	Max supported nodes = 8 Integrity <ul style="list-style-type: none"> • sx1000 • sx2000 • rx8640 • rx8620 • rx7640 • rx7620 * Note: Servers can be used homogeneously or heterogeneously within a cluster.	SmartSetup Ver: 4.6 and above	AD167A & AD168A SCSI Port Driver: 6-5.30a2 FW: 2.10a10 StorPort Driver: 6-1.20a7 FW: 2.10a10 A8002A & A8003A StorPort Driver: 6-1.20a7 FW: 2.50a6 AB232A ScsiPort Driver: 6-5.30a2 FW: 1.91a5 StorPort Driver: 6-1.20a7 FW: 1.91a5 AB466A & AB467A ScsiPort Driver: 6-5.30a2 FW: 1.91a5 StorPort Driver: 6-1.20a7 FW: 1.91a5 AB429A & AB379A/B StorPort Driver: 9.1.0.18 FW: 4.00.70 AD300A & AE311A StorPort Driver: 9.1.0.18 FW: 4.00.70 Note1 : HBAs must be used homogeneously within a cluster. Note2: Some HBAs may not be supported on specific Servers.	Secure Path Ver: 4.0c SP1 Raidisk.sys ver: 3.7.2.240 Secure Path Ver: 4.0c SP2 Raidisk.sys ver: 3.7.5.540	StorageWorks Modular SAN Array 1000 Controller Software FW: 4.48	B-Series StorageWorks SAN Switches FW: 5.1.0 • SAN Switch 4/32 • SAN Director 2/128 • 4/8 SAN Switch • 4/16 SAN Switch • 4/256 SAN Director B-Series StorageWorks SAN Switches FW: 5.0.3b • Core Switch 2/64 M-Series StorageWorks Director and Edge Switches FW: 08.01.01 • HP StorageWorks Director 2/64, 2/140 • HP StorageWorks Edge Switch 2/12, 2/16, 2/24, 2/32 • HP Surestore Director FC-64 C-Series Cisco Switches FW: 3.0(1) • Cisco MDS 9120 • Cisco MDS 9140 • Cisco MDS 9216A • Cisco MDS 9216i • Cisco MDS 9506 • Cisco MDS 9509 • Cisco MDS 9513	Product Page Supporting Documentation

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#2 Windows Server 2003, Datacenter Edition for Itanium-2 based Servers (64-bit) with Service Pack 1	Max supported nodes = 8 Integrity <ul style="list-style-type: none"> • sx1000 • sx2000 • rx8640 • rx8620 • rx7640 • rx7620 * Note: Servers can be used homogeneously or heterogeneously within a cluster.	SmartSetup Ver: 4.0 and above	FC2143 & FC2243 ScsiPort Driver: 6-5.20a9 FW: 2.10a7 Or StorPort Driver: 6-1.11x1 FW: 2.10a7 AB232A ScsiPort Driver: 6-5.20a9 FW: 1.91a1 Or StorPort Driver: 6-1.10.a4 FW: 1.91a1 AB466A & AB467A ScsiPort Driver: 6-5.20a9 FW: 1.91a1 Or StorPort Driver: 6-1.10.a4 FW: 1.91a1 * Note: HBAs must be used homogeneously within a cluster.	Secure Path Ver: 4.0c SP1 Raidisk.sys ver: 3.7.2.240 Secure Path Ver: 4.0c SP2 Raidisk.sys ver: 3.7.5.540	StorageWorks Modular SAN Array 1000 Controller Software FW: 4.48	B-Series StorageWorks SAN Switches FW: 5.1.0 • SAN Switch 4/32 • SAN Director 2/128 • 4/8 SAN Switch • 4/16 SAN Switch • 4/256 SAN Director B-Series StorageWorks SAN Switches FW: 5.0.3b • Core Switch 2/64 M-Series StorageWorks Director and Edge Switches FW: 08.01.01 • HP StorageWorks Director 2/64, 2/140 • HP StorageWorks Edge Switch 2/12, 2/16, 2/24, 2/32 • HP Surestore Director FC-64 C-Series Cisco Switches FW: 3.0(1) • Cisco MDS 9120 • Cisco MDS 9140 • Cisco MDS 9216A • Cisco MDS 9216i • Cisco MDS 9506 • Cisco MDS 9509 • Cisco MDS 9513	Product Page Supporting Documentation

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<p>#3</p> <p>Windows Server 2003, Datacenter Edition for Itanium-2 based Servers (64-bit)</p>	<p>Max supported nodes = 8</p> <p>Integrity</p> <ul style="list-style-type: none"> • Superdome • rx8620 • rx7620 <p>* Note: Servers can be used homogeneously or heterogeneously within a cluster.</p>	<p>SmartSetup Ver: 3.0 and above</p>	<p>AB232A Driver: 6-5.10a9 FW: 1.81a2</p> <p>or</p> <p>Driver: 6-5.10a10 FW: 1.81a2</p> <p>AB466A & AB467A Driver: 6-5.10a9 FW: 1.81a3</p> <p>or</p> <p>Driver: 6-5.10a10 FW: 1.81a3</p> <p>** Note: HBAs must be used homogeneously within a cluster.</p>	<p>Secure Path Ver: 4.0c SP1 Raidisk.sys ver: 3.7.4.460</p>	<p>StorageWorks Modular SAN Array 1000 Controller Software FW: 4.32</p>	<p>B-Series StorageWorks SAN Switches (8/16 ports 2GB) FW: 3.1.3a or 3.1.3</p> <ul style="list-style-type: none"> • SAN Switch 2/8V • MSA SAN Switch 2/8 ++ • SAN Switch 2/16 • SAN Switch 2/16V • SAN Switch 2/16N FF <p>StorageWorks SAN Switches (>32 ports) FW: 4.2.2a or 4.2.2</p> <ul style="list-style-type: none"> • SAN Switch 2/32 • Core Switch 2/64 • SAN Director 2/128 <p>M-Series StorageWorks Director and Edge Switches FW: 06.02.00-22 or 06.01.00-18</p> <ul style="list-style-type: none"> • Director 2/64 • Director 2/140 • Edge Switch 2/12 • Edge Switch 2/24 • Edge Switch 2/32 <p>C-Series Cisco Switches FW: 1.3.4a</p> <ul style="list-style-type: none"> • MDS 9120 • MDS 9140 • MDS 9216 • MDS 9506 • MDS 9509 	<p>Product Page</p> <p>Supporting Documentation</p> <p>January 2005</p>



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<p>#4</p> <p>Windows Server 2003, Datacenter Edition for Itanium-2 based Servers (64-bit)</p>	<p>Max supported nodes = 8</p> <p>Integrity</p> <ul style="list-style-type: none"> Superdome rx8620 rx7620 <p>* Note: Servers can be used homogeneously or heterogeneously within a cluster.</p>	<p>SmartSetup Ver: 3.0 and above</p>	<p>AB232A Driver: 6-5.10a9 FW: 1.81a2</p> <p>6-5.10a10 FW: 1.81a2</p> <p>AB466A & AB467A Driver: 6-5.10a9 FW: 1.81a3</p> <p>Driver: 6-5.10a10 FW: 1.81a3</p> <p>** Note: HBAs must be used homogeneously within a cluster.</p>	<p>Secure Path Ver: 4.0c SP1 Raidisk.sys ver: 3.7.4.460</p>	<p>StorageWorks Modular SAN Array 1000 Controller Software FW: 4.32</p>	<p>HP 1GB SAN Switches FW: 2.6.2 or 2.6.1c</p> <ul style="list-style-type: none"> SAN Switch 16-EL SAN Switch 8-EL SAN Switch 8 & 16 SAN Switch Integrated 32 SAN Switch Integrated 64 <p>HP 2GB SAN Switches 8/16 ports FW: 3.1.2 or 3.1.1c</p> <ul style="list-style-type: none"> SAN Switch 2/8 EL SAN Switch 2/16 EL SAN Switch 2/16 <p>HP 2GB SAN Switches >32 ports FW: 4.2.0b</p> <ul style="list-style-type: none"> SAN Switch 2/32 Core Switch 2/64 <p>HP Director and Edge Switches FW: 05.05.00-13</p> <ul style="list-style-type: none"> Director 2/64 Director 2/140 Edge Switch 2/16 Edge Switch 2/24 Edge Switch 2/32 Edge Switch 2/12 <p>HP C-Series Switches FW: 1.2.1a and 1.2.1b</p> <ul style="list-style-type: none"> » Cisco MDS 9506 » Cisco MDS 9509 » Cisco MDS 9216 » Cisco MDS 9120 » Cisco MDS 9140 	<p>Product Page</p> <p>Supporting Documentation</p> <p>October 2004</p>