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This matrix does not contain all configuration and resource requirements. Please refer to the appropriate SA Storage 7.87 documentation for more information.

Warranty

| OS Vendor | Managed Platform | Architecture | Versions Supported | Notes |
|-----------|---|------------------|--------------------|-------|
| | HP-UX 11i v1 | PA-RISC | All | |
| НР | HP-UX 11i v2 | PA-RISC IA-64 | All | |
| | HP-UX 11i v3 | PA-RISC IA-64 | All | |
| | AIX 5 | Power | 5.2-5.3 | |
| | AIX 6 | Power | 6.1 | |
| | | | | |
| | RHEL 4- POWER | Power | U8 | |
| IBM | RHEL 5 - POWER | Power | U2- U5 | |
| | SLES 10 - POWER | Power | SP3 | |
| | SLES 11 - POWER | Power | GA | |
| | SLES 11 - POWER | Power | SP1 | |
| | | | | |
| Microsoft | Windows Server 2003 (Standard, Advanced Server) | x86_32 x86_64 | SP1-SP2 | |
| Microsoft | Windows Server 2003 R2 (Standard, Advanced Server) | x86_32 x86_64 | SP2 | |

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Warranty

| OS Vendor | Managed Platform | Architecture | Versions Supported | Notes |
|-----------|--|------------------|--------------------|-------|
| | Windows Server 2008 (Standard, Enterprise, Advanced Server) | x86_32 x86_64 | GA: SP1-SP2 | |
| Microsoft | Windows 2008 R2 (Standard, Enterprise, Datacenter, Server Core) | x86_64 | GA | |
| | SuSE Linux Enterprise Server 9 | x86_32 x86_64 | GA:SP4 | |
| | SuSE Linux Enterprise Server 10 | x86_32 x86_64 | GA-SP3 | |
| Novell | SuSE Linux Enterprise Server 11 | x86_32 x86_64 | GA-SP1 | |
| | Open Enterprise Server (OES 2) | x86_32 x86_64 | SP2 | |
| | Oracle Enterprise Linux 4 | x86_32 x86_64 | U8 | |
| Oracle | Oracle Enterprise Linux 5 | x86_32 x86_64 | GA:U3-U5 | |

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Warranty

| OS Vendor | Managed Platform | Architecture | Versions Supported | Notes |
|-----------|----------------------------------|---------------------------|--------------------|-------|
| | RHEL 3 (AS, ES, WS editions) | x86_32 x86_64 IA-65 | GA-U8 | |
| | RHEL 4 (AS, ES, WS editions) | x86_32 x86_64 IA-64 | GA-U8 | |
| Red Hat | RHEL 5 (Advanced Platform, Base) | x86_32 x86_64 IA-64 | GA: U3-U5 | |
| | RHEL 5 Desktop | x86_32 x86_64 | GA-5.3 | |
| | RHEL 6 | x86_32 x86_64 | GA | |
| | Cent OS 5 | x86_32 x86_64 | GA:U2 -U5 | |
| | Solaris 8 | SPARC - Sun4u | GA: U7 | |
| | Solaris 8 | Fujitsu SPARC | GA-U7 | |
| Sun | Solaris 9 | SPARC - Sun4u | GA-U8 | |
| | Solaris 9 | Fujitsu SPARC | GA-U8 | |
| | Solaris 10 | x86_32 x86_64 | GA-U8 | |

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Warranty

| OS Vendor | Managed Platform | Architecture | Versions Supported | Notes |
|-----------|--------------------------|------------------------|-----------------------------|-------|
| | Solaris 10 | SPARC- Sun4v (Niagara) | GA-U7 | |
| Sun | Solaris 10 | x86_64 | GA-U8 | |
| | Solaris 10 | SPARC - Sun4u | GA-U8 | |
| | | | | |
| VMware | VMware ESX 3.0.3 | x86_32 x86_64 | All | |
| | ESX Server 3.5 | x86_32 x86_64 | GA-U4 GA-U5(only x86_64) | |
| | ESXi Server 3.5 Embedded | x86_32 x86_64 | GA-U4 | |

Storage Visibility and Automation SE Connector Runtime Environment Support

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Warranty

| OS Vendor | Managed Platform | Architecture | Versions Supported | Notes |
|-----------|--|------------------------|--------------------|-------|
| Microsoft | Windows Server 2003 (Standard, Advanced Server) | x86_32 | SP1-SP2 | |
| Microsoft | Windows Server 2008 (Enterprise) | x86_32 x86_64 | SP1-SP2 | |
| Novell | SuSE Linux Enterprise Server 11 | x86_32 x86_64 | GA | |
| Red Hat | RHEL 5 (Advanced Platform, Base) | x86_32 x86_64 | GA-U3, U5 | |
| Neu Hat | RHEL 4 (AS, ES, WS editions) | x86_32 x86_64 | GA-U8 | |
| | Solaris 10 | SPARC - Sun4u | GA-U6 | |
| Sun | Solaris 10 | SPARC- Sun4v (Niagara) | GA-U6 | |
| | Solaris 10 | SPARC - Sun4u | GA-U8 | |
| | VMware ESX 3.0.3 | x86_32 x86_64 | GA-U3 | |
| Vmware | ESX Server 3.5 | x86_32 x86_64 | GA-U4 | |
| | ESXi Server 3.5 Embedded | x86_32 x86_64 | GA-U4 | |

Storage Visibility and Automation SAN Arrays Support

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Warranty

| Vendor | Model and Versions Supported | Notes |
|---------|------------------------------|------------|
| EMC | Clariion, Symmetrix, DMX | |
| Hitachi | ALL* | No WMS NAS |
| НР | XP, EVA, MSA | |
| NETAPP | V3020 | |

^{*} Please see the Storage Essentials SRM Enterprise Edition Support Matrix for detailed information about supported subsystems and models for these vendors

Storage Visibility and Automation Fibre Channel Adapter Support

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Warranty

| Vendor | HBA Models | OS Supported | Notes |
|--------|---|---|-------|
| | LP10000ExDC, LP1050Ex, LP10000DC, LP10000,LP1050DC, LP1050, LP9802DC, LP9802, LP982,LP9402DC, LP9002L, LP9002DC, LP9000, LP952L,LP8000, LP8000DC, LP850, LPe11000 | RHEL 4.0, 5.0 (AS/ES/WS/Ent), SuSE Linux 9, 10 | |
| | LP10000DC, LP10000, LP9802DC, LP9802, LP9402DC, LP9002L, LP9002C, LP9002S, LP9002DC, LP9000, LP8000DC, LP8000S, LP7000E, LPe1102-S-0 | Solaris 9, Solaris 10 | |
| Emulex | LP10000ExDC, LP1050Ex, LP10000DC, LP10000,LP1050DC, LP1050, LP9802DC, LP9802, LP982,LP9402DC, LP9002L, LP9002DC, LP9000, LP952L,LP8000, LP8000DC, LP850, LP7000E, LP NC7782 | Windows 2003 Server, R2, Advanced Server, Windows 2008 Server, Advanced Server | |
| | FC6227-Emulex-7000, FC6228-Emulex-9002,FC6239-Emulex-9802, FC5716-Emulex-10000,FC5759/5758-Emulex 11002/11000 | AIX 5.2 AIX 5.3 AIX 6.1 | |
| | Tachyon Fibre Channel, A6684A, A6685A, A5158A,A6795A | HP-UX | |
| | PCI-X Single-Port 4GB Fibre Channel HBA for HP-UX AB378B | HP-UX | |
| | PCI-X Dual-Port 4GB Fibre Channel HBA for HP-UX AB379B | HP-UX | |
| | Dual port 4 GB Fibre Channel, PCI-e AD300A | HP-UX | |
| HP | Single port 4 GB Fibre Channel, PCI-e AD299A | HP-UX | |
| | Dual Port 4 GB Fibre Channel, PCI-e AD355A | HP-UX | |
| | PCI-X Dual Channel 2GB Fibre Channel HBA A6826A | HP-UX | |
| | PCI-X Single-Port 4GB Fibre Channel HBA for HP-UX AB378B, A6684A | HP-UX | |
| | HP PCI-X Dual-Port 4GB Fibre Channel HBA for HP-UX AB378B, AB378-60101, AB379-60101 | HP-UX | |

Storage Visibility and Automation Fibre Channel Adapter Support

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| Vendor | HBA Models | OS Supported | Notes |
|--------|--|---|-------|
| IBM | DF1080F9, DF1000FA | AIX 5.2 AIX 5.3 AIX 6.1 | |
| | QLA2200 Series, QLA2202F, QLA2204F, QLA2300 (F), QLA2302F, QLA2310 (F), (FL),QLA231x/2340, QLA 2342 | RHEL 4.0, 5.0 (AS/ES/WS/Ent), SuSE Linux 9, 10 | |
| Qlogic | QLA2200 Series, QLA2202F, QLA2204F, QLA2300 (F), QLA2302F, QLA2310 (F), (FL), QLA2340 (L), QLA2342 (L), QLA2344, 375-3108-xx | Solaris 9, Solaris 10 | |
| | QLA2200 Series, QLA2202F, QLA2204F, QLA2302F,QLA2310 (F), (FL), QLA2340 (L), QLA2342 (L),QLA2344, QLA2350, QLA2352, HPAE312A | Windows 2003 Server, R2, Advanced Server, Windows 2008 Server, Advanced Server | |
| Sun | SG-XPCI1FC-JN2 SG-CPCI2FC-JN2 (OEM by AMCC) SG-XPCI2FC-EM4-Z SG-XPCI2FC-QF2-Z SG-XPCIE2FC-QF4 | Solaris 9, Solaris 10 Solaris 10 U8 Sparc Solaris 10 U8 x64 Solaris 10 U5 Sparc | |

Note: the minimum requirements for supporting FCAs (HBAs) are:

- The FCA vendor provides both FCA drivers and API libraries that comply with the SNIA FCA API standard.
- The driver and API libraries that came together from a specific vendor are installed and maintained as a matched set. Do not upgrade or install drivers without also upgrading or installing the corresponding API libraries that were shipped with the driver from vendor.
- HBA drivers used must be SNIA HBA API compliant.
- Emulex HBAnyware is required with all Emulex Drivers to provide the SNIA API. The following list provides additional information about support for FCAs:

Storage Visibility and Automation Fibre Channel Adapter Support

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Vendor HBA Models OS Supported Notes

- IBM FCAs on AIX do not require API libraries.
- HBAs were tested with recent firmware and drivers, as of this writing. Contact your management server software representative for additional firmware and driver details.
- Storage Visibility and Automation does not support multiple OEMs of HBAs in the same server.
- Dual-ported HBAs differ in how they appear to the management server software and is dependent on how the vendor implements their API. Some dual-ported HBAs appear as two separate adapters.
- Depending on the HBA Firmware and the API versions that are used to retrieve the information, Storage Visibility and Automation might report the HBA type differently from what it actually is on the HBA.

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| Vendor | Volume Manager | Versions Supported | OS Supported | Notes |
|--------|--|--------------------------------|--|---|
| | | v3.0.0, v4.0.x through 5.3 SP1 | Solaris 9, 10 | |
| | | 5.3 | RHEL 4, RHEL 5 , RHEL 5.4(Advanced Platform) RHEL 4 update 8 | |
| | | 5.3 | AIX 5.2, 5.3, 6.1 | |
| | | 5.3 | Windows 2003, 2008 (x86_32, x86_64) | |
| EMC | PowerPath | 5.3 | HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3 | |
| | | 5.3 SP1 | OEL 5.4 - i386,x64 CentOS 5.4 - x64 RHEL 5.5 -i386 OEL 5.5 - i386 OES 2 SP2 - i386 | |
| | | 50 | Suse 11 SP1 - Power | |
| | HP-UX LVM | Same as OS | HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3 | |
| НР | HP MPIO | Same as OS | HP-UX 11i v3 Windows 2003, 2008 | |
| | HP MPIO DSM for Windows for EVA Disk Arrays | 3.00.00 - 4.01.00 | Windows 2003 Windows 2008 (x86_32, x86_64*) Windows 2008 R2 (x64) | EVA 4x00/6x00/8x00 Arrays only. * Windows 2008 x86_64: DSM and Veritas can not be co-exist. |

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Warranty

| Vendor | Volume Manager | Versions Supported | OS Supported | Notes |
|-----------|--|--------------------------|--|--|
| НР | HP MPIO DSM for Windows for XP Disk Arrays | 3.00.00 - 4.00.00 | Windows 2003 Windows 2008 (x86_32, x86_64*) Windows 2008 R2 (x64) | * Windows 2008 x86_64: DSM and Veritas can not be co-exist. |
| | | 5.9.3-01.0 thru 6.2.0-00 | RH Linux AS/ES 4 RH Linux 5 SuSE Linux Ent Server 9 SuSE Linux Ent Server 10 Oracle Ent Linux 5 CentOS 5.3 -i386 | |
| Hitachi | HDLM | 5.6.1-01 thru 6.1.0-00 | Solaris 9 Solaris 10 Solaris 10 U8 Sparc | Please see HDLM User's Guide for specific Kernel version needed |
| | | 5.9.1-00 thru 6.2.0-00 | Windows 2003 x86_32, x86_64 Windows 2003 R2 x86_32, x86_64 Windows 2008 x86_32, x86_64 SuSE Linux Enterprise Server 10 SP3 x32 RHEL4 update 8 IA64 | |
| IBM | Native MPIO | Same as OS | AIX 5.2 AIX 5.3 AIX 6.1 | |
| Microsoft | Native LDM | Same as OS | Windows 2003 Server, R2, Advanced Server, Windows 2008 Server, Advanced Server | |

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| Vendor | Volume Manager | Versions Supported | OS Supported | Notes |
|---------|---------------------|--------------------|---|-------|
| Novell | LVM Native MPIO | 2.02 | SuSE 9, 10 SuSE Linux Enterprise Server 10 SP3 Suse 11 SP1 - x32 Suse 11 SP1 -x64 Suse 11 - Power Suse 11 SP1 - Power | |
| Red Hat | LVM2 Native MPIO | 2.6 Kernels | RHEL 4.0, 5.0 (AS/ES/WS/Ent), RHEL 4 update 8 , RHEL 5.4(Advanced Platform) RHEL 5 U5 IA64 RHEL 4 U8 PPC RHEL 5 U2 PPC RHEL 5 U3 PPC RHEL 5 U4 PPC RHEL 5 U5 PPC RHEL 6 x32,x64 OEL 5.5 - i386 OEL 5.5 - x64 CentOS 5.5 - i386 CentOS 5.5 - i386 SuSE 10 SP3 - POWER SuSE 11 SP1 - i386 SuSE 11 SP1 - x64 SuSE 11 -POWER Novell OES2 SP2 - i386 Novell OES2 SP2 - x64 | |

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Warranty

| Vendor | Volume Manager | Versions Supported | OS Supported | Notes |
|---------|----------------------------|-----------------------|--|-------|
| Solaris | Native MPIO | Same as OS | | |
| SUN | Solaris Volume Manager ZFS | Same as OS Same as OS | Solaris 9, Solaris 10 Solaris 10 (x86_32, x86_64, Sparc) Solaris 10 U8 Sparc, x86_64 | |
| Veritas | Storage Foundation & DMP | v4.0 v4.1 | RHEL 4, 5, SuSE Linux 9, 10 (x86_64) Solaris 9, 10 (SPARC & x86_64) HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3 | |

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Warranty

| Vendor | Volume Manager | Versions Supported | OS Supported | Notes |
|---------|--------------------------|--------------------|---|-------|
| Veritas | Storage Foundation & DMP | v5.0 | AIX 5.2, 5.3, 6.1 HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3 RHEL 4, RHEL 5 (x86_64) SuSE Linux 9, 10 (x86_64) Solaris 9, 10 RHEL4 update 8 x64, SuSE Linux Enterprise Server 10 SP3 x64, Solaris 10 U8 x64, Solaris 10 U8 Sparc, Cent OS 5.2 x64 OEL 4.8 - x64 CentOS 5.3 -x64 CentOS 5.4 - x64 OEL 5.5 -x64 RHEL4.8 - Power | |
| | | v5.0 MP4 | OEL 5.5 -x64 OES 2 SP - x64 RHEL 5.5 ppc SLES 10 SP3 ppc SLES 11 ppc | |
| | | v5.1 | Windows 2003, 2008 (x86_32, x86_64) | |

Storage Visibility and Automation Database Support

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Warranty

| Vendor | Versions Supported | OS Supported | Notes |
|--------|--------------------|---|-------|
| | Oracle 10g | AIX 6.1 HP-UX 11i v3 RHEL v4.0, (AS/ES/WS/Desktop) Solaris 10 Windows 2003 Windows 2008 Solaris 10 U8 | |
| Oracle | Oracle ASM 10g | AIX 6.1 HP-UX 11i v3 RHEL v4.0, (AS/ES/WS/Desktop) Solaris 10 Windows 2003 Windows 2008 Solaris 10 U8 | |
| | Oracle 11g | AIX 6.1 HP-UX 11i v3 RHEL v4.0, (AS/ES/WS/Desktop) Solaris 10 Windows 2003 Windows 2008 | |
| | Oracle ASM 11g | AIX 6.1 HP-UX 11i v3 RHEL v4.0, (AS/ES/WS/Desktop) Solaris 10 Windows 2003 Windows 2008 | |

Storage Visibility and Automation SAN Switches Support

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Warranty

| Vendor | Versions Supported | Notes |
|---------|--------------------|--|
| Brocade | ALL* | |
| Cisco | ALL* | MDS 9216A, MDS HP FC BladeSystem (1 Slot) Chassis Firmware: 4.2(1) |
| McData | ALL* | *McDATA 4Gb SAN Switch is excluded from SE Connector because it is a rebranded Qlogic switch by McData. Qlogic switches are not supported. |

Please see the Storage Essentials SRM Enterprise Edition Support Matrix for detailed information about supported subsystems and models for these vendors

Storage Visibility and Automation Cross Product Compatibility

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Warranty

| HP Storage Essentials | Notes | |
|-----------------------|--|--|
| 6.2 | Storage Visibility and Automation 7.87 is compatible with versions of the HP Products listed in this row | |
| 6.2.1 | Storage Visibility and Automation 7.87 is compatible with versions of the HP Products listed in this row | |
| 6.3 | Storage Visibility and Automation 7.87 is compatible with versions of the HP Products listed in this row | |
| 9.4 | Storage Visibility and Automation 7.87 is compatible with versions of the HP Products listed in this row | |