Storage Visibility and Automation 7.82 Managed Server Support

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This matrix does not contain all configuration and resource requirements. See SA Storage 7.82 documentation for more information.

OS Vendor	Managed Platform	Architecture	Versions Supported	Notes
HP	HP-UX 11i v3	PA-RISC	All	
HP	HP-UX 11i v3	IA-64	All	
HP	HP-UX 11i v2	PA-RISC	All	
HP	HP-UX 11i v2	IA-64	All	
HP	HP-UX 11i v1	IA-64	All	
IBM	AIX 6.1	Power	All	
IBM	AIX 5.3	Power	All	
IBM	AIX 5.2	Power	All	
Microsoft	Windows Server 2008 (Standard,Enterprise, Datacenter)	x86_32	GA-SP1	
Microsoft	Windows Server 2008 (Standard,Enterprise, Datacenter)	x86_64	GA-SP1	
Microsoft	Windows Server 2003 (Standard, R2, Enterprise, Datacenter)	x86_32	SP1-SP2	
Microsoft	Windows Server 2003 (Standard, R2, Enterprise, Datacenter)	x86_64	SP1-SP2	
Microsoft	Windows 2008 SP2	x86_32	SP1-SP2	
Microsoft	Windows 2008 SP2	x86_64	SP1-SP2	
Novell	SuSE Linux Enterprise Server 11	x86_32 x86_64	GA	
Novell	SuSE Linux Enterprise Server 10	x86_32 x86_64	GA-SP2	
Novell	SuSE Linux Enterprise Server 9	x86_32 x86_64	GA-SP4	
Novell	SuSE Linux Enterprise Server 10	x86_32	SP3	
Novell	SuSE Linux Enterprise Server 10	x86_64	SP3	
Oracle	Oracle Enterprise Linux 5	x86_32 x86_64	5.3	
Red Hat	RHEL 5 (Advanced Platform, Base)	x86_32 x86_64 IA-64	GA-5.3	

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OS Vendor	Managed Platform	Architecture	Versions Supported	Notes
Red Hat	RHEL 5 Desktop	x86_32 x86_64	GA-5.3	
Red Hat	RHEL 4 (AS, ES, WS editions)	x86_32	GA-U8	
Red Hat	RHEL 4 (AS, ES, WS editions)	x86_64	GA-U8	
Red Hat	RHEL 4 (AS, ES, WS editions)	IA-64	GA-U8	
Red Hat	RHEL 3 (AS, ES, WS editions)	x86_32	GA-U8	
Red Hat	RHEL 3 (AS, ES, WS editions)	x86_64	GA-U8	
Red Hat	RHEL 3 (AS, ES, WS editions)	IA-64	GA-U8	
Red Hat	RHEL 4 update 8	x86_32	GA-U8	
Red Hat	RHEL 4 update 8	x86_64	GA-U8	
Red Hat	RHEL 4 update 8	IA-64	GA-U8	
Red Hat	RHEL 5(Advanced Platform)	x86_32	GA-U4	
Red Hat	RHEL 5(Advanced Platform)	x86_64	GA-U4	
Red Hat	RHEL 5(Advanced Platform)	IA-64	GA-U4	
Red Hat	Cent OS 5	x86_32	GA-U2	
Red Hat	Cent OS 5	x86_64	GA-U2	
Sun	Solaris 10	SPARC - Sun4u	GA-U7	
Sun	Solaris 10	x86_64	GA-U7	
Sun	Solaris 10	x86_32	GA-U7	
Sun	Solaris 10	SPARC- Sun4v (Niagara)	GA-U7	
Sun	Solaris 9	SPARC - Sun4u	GA-U8	
Sun	Solaris 9	Fujitsu SPARC	GA-U8	
Sun	Solaris 8	SPARC - Sun4u	GA-U7	
Sun	Solaris 8	Fujitsu SPARC	GA-U7	
Sun	Solaris 10	SPARC - Sun4u	GA-U8	
Sun	Solaris 10	x86_64	GA-U8	
VMware	VMware ESX 3.0.3	x86_32	All	

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OS Vendor	Managed Platform	Architecture	Versions Supported	Notes
VMware	VMware ESX 3.0.3	x86_64	All	
VMware	VMware ESX 3.5	x86_32	All	
VMware	VMware ESX 3.5	x86_64	All	
VMware	VMware ESXi 3.5	x86_32	All	
VMware	VMware ESXi 3.5	x86_64	All	

Storage Visibility and Automation 7.82 SE Connector Runtime Environment Support

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OS Vendor	Managed Platform	Architecture	Versions supported	Notes
Microsoft	Windows Server 2003 (Standard, R2, Enterprise, Datacenter)	x86_32	SP1-SP2	
Red Hat	RHEL 5 (Advanced Platform, Base)	x86_32 x86_64	GA-5.3	
Red Hat	RHEL 4 (AS, ES, WS editions)	x86_32	GA-U8	
Red Hat	RHEL 4 (AS, ES, WS editions)	x86_64	GA-U8	
Sun	Solaris 10	SPARC - Sun4u	GA-U6	
Sun	Solaris 10	SPARC- Sun4v (Niagara)	GA-U6	
Sun	Solaris 10	SPARC- Sun4u	GA-U8	
VMware	VMware ESX 3.0.3	x86_32	VM Running RHEL 4, 5	
VMware	VMware ESX 3.0.3	x86_64	VM Running RHEL 4, 5	
VMware	VMware ESX 3.5	x86_32	VM Running RHEL 4, 5	
VMware	VMware ESX 3.5	x86_64	VM Running RHEL 4, 5	
VMware	VMware ESXi 3.5	x86_32	VM Running Windows 2003 SP2	
VMware	VMware ESXi 3.5	x86_32	VM Running RHEL 4, 5	
VMware	VMware ESXi 3.5	x86_64	VM Running RHEL 4, 5	

Storage Visibility and Automation 7.82 SAN Arrays Support

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

* See the Storage Essentials SRM Enterprise Edition Support Matrix for detailed information about supported subsystems and models for these vendors.

Storage Visibility and Automation 7.82 SAN Switches Support

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Vendor	Versions Supported	Notes
Brocade	ALL*	
McData	ALL*	

* See the Storage Essentials SRM Enterprise Edition Support Matrix for detailed information about supported subsystems and models for these vendors.

Storage Visibility and Automation 7.82 Fibre Channel Adapter Support

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Vendor	HBA Models	OS Supported	Notes
Emulex	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,LP8000, LP8000DC, LP8000S, LP7000E, LPe1102-S-0 , LP11002-S	Solaris 9, Solaris 10 Solaris 10 U8 Sparc	
	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	
HP	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	
	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	
IBM	DF1080F9, DF1000FA	AIX 5.2 AIX 5.3 AIX 6.1	
Qlogic	QLA2200 Series, QLA2202F, QLA2204F, QLA2300 (F), QLA2302F, QLA2310 (F), (FL),QLA231x/2340, QLA 2342 ,QCP2340 ,QMH2462	RHEL 4.0, 5.0 (AS/ES/WS/Ent), SuSE Linux 9, 10 RHEL4 update 8 IA64 RHEL4 update 8 x64	
	QLA2200 Series, QLA2202F, QLA2204F, QLA2300 (F), QLA2302F, QLA2310 (F), (FL), QLA2340 (L), QLA2342 (L), QLA2344, 375-3108-xx	Solaris 9, Solaris 10	

This matrix does not contain all configuration and resource requirements. See SA Storage 7.82 documentation for more information.

Vendor	HBA Models	OS Supported	Notes
	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 following list describes the minimum requirements for supporting FCAs (HBAs).

- 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 the 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:

  - 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

Storage Visibility and Automation 7.82 File System Software Support

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Vendor	Volume Manager	Versions Supported	OS Supported	Notes
EMC	PowerPath	v3.0.0, v4.0.x through 4.4.x , 5.3	Solaris 9, 10 Solaris 10 U8 x64	
	PowerPath	5.3	RHEL 4, RHEL 5 , RHEL 5.4(Advanced Platform) , RHEL 4 update 8	
	PowerPath	v3.0.0, v4.0.x through 4.4.x	AIX 5.2, 5.3, 6.1	
	PowerPath	v3.0.0, v4.0.x through 4.4.x , 5.3	Windows 2003, 2008 (x86_32, x86_64)	
	PowerPath	v3.0.0, v4.0.x through 4.4.x	HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3	
HP	HP-UX LVM	Same as OS	HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3	
	HP MPIO	Same as OS	HP-UX 11i v3	
	HP MPIO DSM for Windows for EVA Disk Arrays	3.00.00 - 4.01.00	Windows 2003 Windows 2008 (x86_32, x86_64*)	EVA 4x00/6x00/8x00 Arrays only. * Windows 2008 x86_64: DSM and Veritas cannot co-exist.
	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 x86_64: DSM and Veritas cannot co-exist.
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 Windows 2008 SP2	
Novell	LVM	2.02	SuSE 9, 10 , SuSE Linux Enterprise Server 10 SP3	
Red Hat	LVM2	2.6 Kernels	RHEL 4.0, 5.0 (AS/ES/WS/Ent) , RHEL 4 update 8 , RHEL 5.4(Advanced Platform)	
	Solaris Volume Manager	Same as OS	Solaris 9, Solaris 10 , Solaris 10 U8 Sparc , Solaris 10 U8 x64	

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Vendor	Volume Manager	Versions Supported	OS Supported	Notes
SUN	ZFS	Same as OS	Solaris 10 (x86_32, X86_64, SPARC , Solaris 10 U8 Sparc , Solaris 10 U8 x64	
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	
	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	
	Storage Foundation	v5.1	Windows 2003, 2008 (x86_32, x86_64) ,	

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Vendor	Versions Supported	OS Supported	Notes
Oracle	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 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 7.82 Cross Product Compatibility
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HP Storage Essentials	Notes
6.1.1	Storage Visibility and Automation 7.82 is compatible with versions of the HP Products listed in this row.
6.2	Storage Visibility and Automation 7.82 is compatible with versions of the HP Products listed in this row.