Storage Visibility and Automation Managed Server Support

Server Automation (10.2x) Ultimate Edition

December 2014

Last Modified: December 17, 2014

This matrix does not contain all configuration and resource requirements. For more information, download the Server Automation Release Notes for this release from HP Software Support Online.

Warranty

OS Vendor	Managed Platform	Architecture	Versions Supported	Added in Release (SR if blank)	Notes
Cent OS	Cent OS 5	x86_32 x86_64	U2 -U5		
HP	HP-UX 11i v1	PA-RISC	All		
	HP-UX 11i v2	PA-RISC IA-64	All		
	HP-UX 11i v3	PA-RISC IA-64	All		
IBM	AIX 5.3	Power	All		
	AIX 6.1	Power	All		
	RHEL 5 - POWER	Power	U2, U3, U5		
	SLES 11 - POWER	Power	GA		
Microsoft	Windows Server 2003 (Standard, Advanced Server)	x86_32 x86_64	SP1-SP2		
	Windows Server 2003 R2 (Standard, Advanced Server)	x86_32 x86_64	SP2		
	Windows Server 2008 (Standard, Advanced Server)	x86_32 x86_64	GA: SP1-SP2		
	Windows 2008 R2	x86_64	GA		

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OS Vendor	Managed Platform	Architecture	Versions Supported	Added in Release (SR if blank)	Notes
Novell	SuSE Linux Enterprise Server 9	x86_32 x86_64	All		
	SuSE Linux Enterprise Server 10	x86_32 x86_64	GA:SP2-SP3		
	SuSE Linux Enterprise Server 11	x86_32 x86_64	GA-SP1		
	Open Enterprise Server (OES 2)	x86_32 x86_64	SP2		
Oracle	Oracle Enterprise Linux 4	x86_32 x86_64	GA-U8		
	Oracle Enterprise Linux 5	x86_32 x86_64	U3-U5		
	Solaris 10	x86_32 x86_64	GA-U6		
		SPARC- Sun4v (Niagara)	GA-U6		
		x86_64	GA-U8		
		SPARC - Sun4u	GA-U8		

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OS Vendor	Managed Platform	Architecture	Versions Supported	Added in Release (SR if blank)	Notes
Red Hat	RHEL 5 (Advanced Platform, Base)	x86_32 x86_64 IA-64	GA: U2-U5		
	RHEL 5 (Advanced Platform, Base)	x86_32 x86_64 IA-64	GA: U2-U5		
	RHEL 5 Desktop	x86_32 x86_64	GA-U8		
	RHEL 6	x86_32 x86_64	GA		

Storage Visibility and Automation SE Connector Runtime Environment Support

Server Automation (10.2x) Ultimate Edition

December 2014

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OS Vendor	Managed Platform	Architecture	Versions Supported	Added in Release (SR if blank)	Notes
Microsoft	Windows Server 2003 (Standard, Advanced Server)	x86_32	SP2		
Novell	SuSE Linux Enterprise Server 11	x86_32 x86_64	GA		
Oracle	Solaris 10	SPARC- Sun4v (Niagara)	GA-U6		
		SPARC - Sun4u	GA-U8		
Red Hat	RHEL 5 (Advanced Platform, Base)	x86_32 x86_64	U3-U5		

Storage Visibility and Automation SAN Arrays Support
Server Automation (10.2x) Ultimate Edition
December 2014

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Warranty

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. The information contained herein is subject to change without notice.

Vendor	Model and Versions Supported	Added in Release (SR if blank)	Notes
EMC	Clariion, Symmetrix, DMX		
Hitachi	ALL*		No 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 Fibre Channel Adapter Support
Server Automation (10.2x) Ultimate Edition
December 2014
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Vendor	OS Supported	HBA Models	Added in Release (SR if blank)	Notes
Emulex	RHEL 5.0 (AS/ES/WS/Ent), SuSE Linux 9, 10	LP10000ExDC, LP1050Ex, LP10000DC, LP10000,LP1050DC, LP1050, LP9802DC, LP9802, LP982,LP9402DC, LP9002L, LP9002DC, LP9000, LP952L,LP8000, LP8000DC, LP850, LPe11000		
	Solaris 10	LP10000DC, LP10000, LP9802DC, LP9802, LP9402DC,LP9002L, LP9002C, LP9002S, LP9002DC, LP9000,LP8000, LP8000DC, LP8000S, LP7000E, LPe1102-S-0		
	Windows Server 2003 R2 (Advanced Server), Windows Server 2008 (Advanced Server)	LP10000ExDC, LP1050Ex, LP10000DC, LP10000,LP1050DC, LP1050, LP9802DC, LP9802, LP982,LP9402DC, LP9002L, LP9002DC, LP9000, LP952L,LP8000, LP8000DC, LP850, LP7000E, LP NC7782		
	AIX 5.3 AIX 6.1	FC6227-Emulex-7000, FC6228-Emulex-9002,FC6239-Emulex-9802, FC5716-Emulex-10000,FC5759/5758-Emulex 11002/11000		
HP	HP-UX	Tachyon Fibre Channel, A6684A, A6685A, A5158A,A6795A		
		PCI-X Single-Port 4GB Fibre Channel HBA for HP-UX AB378B		
		PCI-X Dual-Port 4GB Fibre Channel HBA for HP-UX AB379B		
		Dual port 4 GB Fibre Channel, PCI-e AD300A		
		Single port 4 GB Fibre Channel, PCI-e AD299A		
		Dual Port 4 GB Fibre Channel, PCI-e AD355A		
		PCI-X Dual Channel 2GB Fibre Channel HBA A6826A		
		PCI-X Single-Port 4GB Fibre Channel HBA for HP-UX AB378B, A6684A		
		HP PCI-X Dual-Port 4GB Fibre Channel HBA for HP-UX AB378B, AB378-60101, AB379-60101		
IBM	AIX 5.3 AIX 6.1	DF1080F9, DF1000FA		

Storage Visibility and Automation Fibre Channel Adapter Support
Server Automation (10.2x) Ultimate Edition
December 2014
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Warranty

Vendor	OS Supported	HBA Models	Added in Release (SR if blank)	Notes
Oracle	Solaris 10 Solaris 10 U8 SPARC Solaris 10 U8 x64 Solaris 10 U5 SPARC	SG-XPCI1FC-JN2 SG-CPCI2FC-JN2 (OEM by AMCC) SG-XPCI2FC-EM4-Z SG-XPCI2FC-QF2-Z SG-XPCIE2FC-QF4		
Qlogic	RHEL 5.0 (AS/ES/WS/Ent), SuSE Linux 9, 10	QLA2200 Series, QLA2202F, QLA2204F, QLA2300 (F), QLA2302F, QLA2310 (F), (FL),QLA231x/2340, QLA 2342		
	Solaris 10	QLA2200 Series, QLA2202F, QLA2204F, QLA2300 (F), QLA2302F, QLA2310 (F), (FL), QLA2340 (L), QLA2342 (L), QLA2344, 375-3108-xx		
	Windows Server 2003 R2 (Advanced Server), Windows Server 2008 (Advanced Server)	QLA2200 Series, QLA2202F, QLA2204F, QLA2302F,QLA2310 (F), (FL), QLA2340 (L), QLA2342 (L),QLA2344, QLA2350, QLA2352, HPAE312A		

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:

• 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 File System Software Support
Server Automation (10.2x) Ultimate Edition
December 2014
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Warranty

Vendor	Volume Manager	Versions Supported	OS Supported	Added in Release (SR if blank)	Notes
EMC	PowerPath	v3.0.0, v4.0.x through 5.3 SP1	Solaris 10		
		5.3	RHEL 5, RHEL 5.4 (Advanced Platform)		
		v3.0.0, v4.0.x through 5.3	AIX 5.3, 6.1		
			Windows 2003, 2008 (x86_32, x86_64)		
			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		
Hitachi	HDLM	5.9.3-01.0 thru 6.2.0-00	RH Linux 5 SuSE Linux Ent Server 9 SuSE Linux Ent Server 10 Oracle Ent Linux 5 CentOS 5.3 -i386		Please see HDLM User's Guide for specific Kernel version needed
		5.6.1-01 thru 6.1.0-00	Solaris 10 Solaris 10 U8 SPARC		
Hitachi	HDLM	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		Please see HDLM User's Guide for specific Kernel version needed

Storage Visibility and Automation File System Software Support
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Warranty

Vendor	Volume Manager	Versions Supported	OS Supported	Added in Release (SR if blank)	Notes
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 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		
	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		
IBM	Native MPIO	Same as OS	AIX 5.3 AIX 6.1		
Microsoft	Native LDM	Same as OS	Windows Server 2003, R2, Advanced Server, Windows Server 2008, Advanced Server Windows 2008 SP2 Windows 2008 R2 (x64)		
Novell	LVM Native MPIO	2.02	SuSE 9, 10 Suse 11 SP1 - x32 Suse 11 SP1 -x64 Suse 11 - Power		

Vendor	Volume Manager	Versions Supported	OS Supported	Added in Release (SR if blank)	Notes
Oracle	Native MPIO	Same as OS	Solaris 10 , Solaris 10 U8 SPARC , Solaris 10 U8 x64		
	Solaris Volume Manager	Same as OS	Solaris 10 , Solaris 10 U8 SPARC , Solaris 10 U8 x64		
	ZFS	Same as OS	Solaris 10 (x86_32, X86_64, SPARC , Solaris 10 U8 SPARC , Solaris 10 U8 x64)		
Red Hat	LVM2 Native MPIO	2.6 Kernels	RHEL 5.0 (AS/ES/WS/Ent), RHEL 5.4(Advanced Platform) RHEL 5 U5 IA64 RHEL 5 U2 PPC RHEL 5 U3 PPC RHEL 5 U4 PPC RHEL 5 U5 PPC RHEL 6 -x32 RHEL 6 -x64 OEL 5.5 -x32 OEL 5.5 -x64 CentOS 5.5 - i386 CentOS 5.5 - x64 SuSE 11 SP1 - i386 SuSE 11 SP1 - x64 SuSE 11 -POWER Novell OES2 SP2 - i386 Novell OES2 SP2 - x64	9.04	

Storage Visibility and Automation File System Software Support
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Vendor	Volume Manager	Versions Supported	OS Supported	Added in Release (SR if blank)	Notes
Veritas	Storage Foundation & DMP	v4.0 v4.1	RHEL 5, SuSE Linux 9, 10 (x86_64) Solaris 10 (SPARC & x86_64) HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3		
	Storage Foundation & DMP	v5.0	AIX 5.3, 6.1 HP-UX 11i v1 HP-UX 11i v2 HP-UX 11i v3 RHEL 5 (x86_64) SuSE Linux 9, 10 (x86_64) Solaris,10 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		
		v5.0 MP4	OEL 5.5 -x64 OES 2 SP - x64 RHEL 5.5 ppc SLES 11 ppc		
	Storage Foundation	v5.1	Windows 2003, 2008 (x86_32, x86_64)		

Storage Visibility and Automation Database Support
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December 2014
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Vendor	Versions Supported	OS Supported	Added in Release (SR if blank)	Notes
Oracle	Oracle 10g	AIX 6.1 HP-UX 11i v3 Solaris 10 Windows 2003 Windows 2008 Solaris 10 U8		
	Oracle ASM 10g	AIX 6.1 HP-UX 11i v3 Solaris 10 Windows 2003 Windows 2008 Solaris 10 U8		
	Oracle 11g	AIX 6.1 HP-UX 11i v3 Solaris 10 Windows 2003 Windows 2008		
	Oracle ASM 11g	AIX 6.1 HP-UX 11i v3 Solaris 10 Windows 2003 Windows 2008		

Storage Visibility and Automation SAN Switches Support
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December 2014
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Warranty

Vendor	Versions Supported	Added in Release (SR if blank)	Notes
Brocade	ALL*		
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
Server Automation (10.2x) Ultimate Edition
December 2014

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Warranty

HP Storage Essentials	Added in Release	Notes
9.4		Storage Visibility and Automation 10.2 is compatible with versions of the HP Products listed in this row
9.4.1		Storage Visibility and Automation 10.2 is compatible with versions of the HP Products listed in this row
9.5		Storage Visibility and Automation 10.2 is compatible with versions of the HP Products listed in this row
9.5.1		Storage Visibility and Automation 10.2 is compatible with versions of the HP Products listed in this row