

General Notes:

The following platform/OS combinations are supported:

- p-series platform and 32/64 bit OS

CIM Extension Minimum Requirements:

- 2GB physical memory
- 512MB disk space

OS	Service Pack	Filesystem	Comments
AIX 6.1 32/64-bit	(TL 2 SP3 latest qualified, TL5, TL6, TL7)	JFS, and raw file systems JFS2 file systems is supported on 32 and 64 bit kernel	OS Pre-requisites: <ul style="list-style-type: none"> - bos.rte.libc 6.1.0.0 or higher - xIC.rte 9.0.0.1 or higher CIM Extensions should not be installed in WPAR configurations at this time. IPv6 Support: AIX 6.1 configured with IPv6 address is supported.
AIX 7.1 32/64-bit		JFS, JFS2	
VIO Server V 2.1, 2.2	-	JFS, JFS2	Same hba support as regular Aix <ul style="list-style-type: none"> - Do not support Active partition mobility failovers - No support for SVC - pSeries hardware only, cabinet format connected via flexible exchange processor cable ok but No physical info will be returned IPv6 Support: VIO Server configured with IPv6 address is supported.

Virtual Machine (Guest OS)

AIX 6.1 32/64-bit	(TL 2 SP3 latest qualified, TL5, TL6)	JFS, and raw file systems JFS2 file systems is supported on 32 and 64 bit kernel	IPv6 Support: AIX 6.1 VM (Guest OS) configured with IPv6 address is supported.
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Subsystems	Firmware		Comment
DS4100 (formerly FASTT100) DS4300 (formerly FASTT600, including Turbo option) [DEPRECATED]	06.12.23.00		Contains 288x controllers. Firmware 5.33 is minimum required.
DS4400(FASTT700), DS4500(FASTT900) [DEPRECATED]	06.12.23.00		Use internal LSI/Engenio provider

DS4700, DS4800, DS5300 [DEPRECATED]	07.50.13.00		Use internal LSI/Engenio provider
DS6000, DS6800	IBM CIM agent 5.1.0.50, 5.1.0.68, 5.2.1, 5.3.0, 5.4.0.98		Latest CIM packages/bundles are available at the support link at www.ibm.com .
DS8000, DS8100, DS8300	IBM CIM agent 5.1.0.50, 5.1.0.68, 5.2.1, 5.3.0, 5.4.0.98, 5.4.2.63		Latest CIM packages/bundles are available at the support link at www.ibm.com .
DS8600, DS8700 and DS8800	IBM CIM agent 5.4.x.x, 5.6		Latest CIM packages/bundles are available at the support link at www.ibm.com . Note that when using CIM 5.6, HSG creation fails with 'Invalid Logical UNIT ID' error message.
3581, 3582, 3583, and 3584 Tape Library	SMI-S Agent 1.2.1, 1.3		Show the drives, changer, SCSI cards, FC ports, and library information (manufacturer, model, firmware revision, etc.) Topology supported if the switch to which the library is connected is discovered. There is no discovery or any information related to the tapes or the access port.
XIV	10.2.2a up to 10.2.4b		
Subsystem Performance Pack			
IBM SAN Volume Controller (SVC) (2145)	6.1, 6.2, 6.3, 6.4	IBM SMI-S version 1.2, 1.3 and 1.4	Validated back-end storage devices that are supported by the SVC : - IBM DS6xxx, IBM DS8xxx arrays - IBM DS3xxx, IBM DS4xxx, IBM DS5xxx arrays [DEPRECATED] - XIV - EMC DMX-3, DMX800 - EMC Clariion CX-4 - XP24000 - P6000 (EVA) - 3PAR - P9500 - Provisioning not supported. - SE Enterprise Performance Pack Licenses are required. 6.1 is the minimum version required for performance management. Real time statistics are collected every minute, not 20 seconds.

V7000 (2076)	6.1, 6.2, 6.3, 6.4	IBM SMI-S version 1.2, 1.3 and 1.4	Validated back-end storage devices that are supported by the V7000 : - IBM DS6xxx, IBM DS8xxx, - IBM DS3xxx, IBM DS4xxx, IBM DS5xxx arrays [DEPRECATED] - XIV - EMC DMX-3, DMX800 - EMC Clariion CX-4 - XP24000 - P6000 (EVA) - 3PAR - P9500 - Provisioning not supported. -SE Enterprise Performance Pack Licenses are required. 6.1 is the minimum version required for performance management. Real time statistics are collected every minute. IPv6 Support: IBM V7000 configured with IPv6 address is supported.
Storage Virtualization			
IBM SAN Volume Controller (SVC) (2145)	6.1, 6.2, 6.3, 6.4	IBM SMI-S version 1.2, 1.3 and 1.4	Validated back-end storage devices that are supported by the SVC : - IBM DS6xxx, IBM DS8xxx arrays - IBM DS3xxx, IBM DS4xxx, IBM DS5xxx arrays [DEPRECATED] - XIV - EMC DMX-3, DMX800 - EMC Clariion CX-4 - XP24000 - P6000 (EVA) - 3PAR - P9500 - Provisioning not supported.
V7000 (2076)	6.1, 6.2, 6.3, 6.4	IBM SMI-S version 1.2, 1.3 and 1.4	Validated back-end storage devices that are supported by the V7000 : - IBM DS6xxx, IBM DS8xxx, - IBM DS3xxx, IBM DS4xxx, IBM DS5xxx arrays [DEPRECATED] - XIV - EMC DMX-3, DMX800 - EMC Clariion CX-4 - XP24000 - P6000 (EVA) - 3PAR - P9500 - Provisioning not supported.
HBA			

HBA's were tested with recent firmware and drivers, as of this writing. Contact your management server software representative for additional firmware and driver details.

HBA drivers used must be SNIA HBA API compliant.

We do not support multiple OEMs of HBA's in the same server.

Dual-ported HBA's differ in how they appear to the management server software and is dependent on how the vendor implements their API. Some dual-ported HBA's appear as two separate adapters.

Depending on the HBA Firmware and the api versions that are used to retrieve the information, SE may report the HBA type differently from what it actually is on the HBA.

HBA	Driver	Platform	Comments
Emulex	6.1.5758, 6.1.6239, 6.1.5716, 6.1.5774, 6.1.6228	AIX 6.1	FC5758 - Emulex LP11000 FC6239 - Emulex LP9802 FC5716 - Emulex LP10000 FC208B - Emulex-LP10000 FC5773 - Emulex-LPe11000 FC5774 (PCI-E) - Emulex LPE11002 FC6228 - Emulex LP9002L
Emulex	7.1.10	AIX 7.1	FC5758 - Emulex LP11000 FC6239 - Emulex LP9802 FC5716 - Emulex LP10000 FC208B - Emulex-LP10000 FC5773 - Emulex-LPe11000 FC5774 (PCI-E) - Emulex LPE11002 FC6228 - Emulex LP9002L
Multipathing, Volume Managers, File Systems	Software	Platform	Comments
LVM		AIX 6.1, 7.1	A volume group needs a logical volume specified in order to appear in the management server software. HDS ODM 5.0.0.[1,2,4]
AIX MPIO		AIX 6.1, 7.1	
HDS MPIO	5.4.0.1	AIX 6.1	
HP MPIO	1.0.4.1	AIX 6.1, 7.1	

HDLM	See comments	AIX 6.1	5.90, 5.91 - HDS ODM 5.0.52.1 or 5.0.52.2 HDS arrays only 5.9.4, 6.0, 6.1 - HDS Arrays only
PowerPath	5.0.0, 5.1, 5.3	AIX 6.1, 7.1	Symmetrix, CLARiiON, DMX
SDD	1.6.3.0, 1.7.0.0, 1.7.1.0, 1.7.2.0	AIX 6.1, 7.1	devices.sdd.52.rte or devices.sdd.53.rte must be installed. In addition, one of the following must be installed: - ibm2105.rte package for ESS devices (devices.scsi.disk.ibm2105.rte or devices.fcp.disk.ibm2105.rte package if using NIM) - devices.fcp.disk.ibm.rte for DS8000, DS6000
SDDPCM	2.1.3.0, 2.2.0.0, 2.2.0.4, 2.4.0.0, 2.4.0.2	AIX 6.1, 7.1	