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.feedback_submit { transform: translateX(280px) translateY(0px); font-weight: bold; } #tofeedback{ margin-top: 2px !important; color:#0057B8 !important; font-weight:600 !important; }
```

Installation and Upgrade Checklist Report for Storage Foundation Cluster File System HA 5.0, AIX 5.2, POWER

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Important Notes

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Note: You have not selected the latest product version. Consider installing or upgrading to the latest version; otherwise, you may encounter issues that have already been fixed. To run a new report for the latest product version, select it from the Veritas product drop-down list.

Array Support Libraries (ASLs)

When installing Veritas products, please be aware that ASLs updates are not included in the patches update bundle. Please go to the Array Support Libraries (ASLs) to get the latest updates for your disk arrays.

System requirements

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Required number of CPUs: 2

Recommended speed of CPUs: 1 GHz

Required memory: 2 GB

Required disk space:

Partitions	Required disk space
/opt	864 MB
/root	23 MB
/usr	147 MB
/var	1 MB

Product features

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The features in the list are enabled in this release.

Feature	Storage Foundation CFS
1-256 TB File System	✓
CFS Multi-transaction server	✓
Cluster File System	✓
Cluster Volume Manager	✓
Data management application programming interface (DMAPI)	✓
Database Dynamic Storage Tiering	✓
Database storage checkpoints & rollback	✓
Direct I/O	✓
Dirty region logging	✓
Dynamic LUN expansion	✓
Dynamic Multi-pathing	✓
Dynamic Storage Tiering	✓
Enclosure based naming	✓
File Change Log	✓
File system snapshots	✓
File system storage checkpoints	✓
FlashSnap: Database	✓
Flashsnap: Disk group split & join	✓
Flashsnap: Fast resynchronization	✓
Full size instant snapshots	✓
Hardware assisted copy	✓
Hot-relocation	✓
Import cloned LUN	✓
Named data streams	✓
Online file system defragmentation	✓
Online file system grow & shrink	✓
Online relay out	✓
Online volume grow & shrink	✓
Operations Manager	✓
Portable Data Containers (formerly known as Cross-Platform Data Sharing (CDS))	✓
Remote mirrors for campus clusters	✓
SCSI-3 based I/O fencing	✓
Site awareness with remote mirrors	✓
Space-optimized instant snapshot	✓
Split-mirror snapshot	✓
User & group quotas	✓

Volume Replicator option

Optional

Product documentation

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Product guides

Release Notes



[Storage Foundation Cluster File System Release Notes - English](#)

File System Guides



[File System Administrator's Guide - English](#)


[File System Programmer's Reference Guide - English](#)

Storage Foundation Cluster File System Guides



[Storage Foundation 5.0 Cluster File System Installation Guide - English](#)


[Storage Foundation 5.0 Cluster File System Administrator's Guide - English](#)

Manual pages

Manual Pages


[Storage Foundation Cluster File System Manual Pages - English](#)

[File System Manual Pages - English](#)

Patches for Storage Foundation Cluster File System HA and Platform

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Product (recommended)

Patch

Date

Size

[vea-aix-5.0MP1RP2](#)

2010-01-04

63.33 MB

[sig_vrtsweb-aix-5.0HF1](#)

2009-12-09

5.57 MB

[5.0.1.0 \(AxRT 5.0 MP1\)](#)

2006-12-12

919.49 MB

Platform (required)

AIX patch number: [xlc.aix50.rte-6.0.0.7](#) (WRONG DECLARATION OF SVC_REGISTER IN RPC/SVC.H)

AIX patch number: [devices.fcp.disk.rte-5.2.0.41](#) (can't remove fscsi device after failed varyonvg If initial open fails for mpio device and all paths are marked failed,the device will be inaccessible unless reboot.)

AIX patch number: [devices.scsi.disk.rte-5.2.0.41](#) (devices.scsi.disk.rte-5.2.0.41)

Platform configuration

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Supported platform version

Product versionPlatform version5.0AIX 5.2

Related documentation[AIX 5L Version 5.2](#)**Host bus adapter (HBA) parameters and switch parameters**[Back to top](#)

Unless otherwise stated, the specified Veritas product supports all HBAs (except iSCSI HBAs) and fibre channel switches supported by the platform and storage array manufacturers listed in the hardware compatibility list (HCL). For more details, click the link to the [HCL](#).

Operations Manager[Back to top](#)

Veritas InfoScale Operations Manager gives you a single, centralized management console for the InfoScale products. You can use it to monitor, visualize, and manage storage and cluster resources, and generate reports about these components in the Management Server domain. It can also help administrators centrally manage diverse data center environments. This section lists the documents for Veritas InfoScale Operations Manager 8.0.2.

Documentation

Array Support Libraries (ASLs)[Back to top](#)

Array family (model)	Documentation	Libraries	
EMC CLARiiON CX series	CLARiiON CX Series	libvxpp	The required ASL is already embedded in the install media
		libvxCLARiiON	The required ASL is already embedded in the install media
EMC CLARiiON CX series with PowerPath	CLARiiON CX Series	libvxpp	The required ASL is already embedded in the install media
EMC CLARiiON CX3 series		libvxpp	The required ASL is already embedded in the install media
		libvxCLARiiON	The required ASL is already embedded in the install media
EMC CLARiiON CX3 series with PowerPath		libvxpp	The required ASL is already embedded in the install media
EMC CLARiiON CX4 series with PowerPath		libvxpp	The required ASL is already embedded in the install media
EMC CLARiiON CX4 series		libvxCLARiiON	The required ASL is already embedded in the install media
		libvxpp	The required ASL is already embedded in the install media
EMC Symmetrix 8000 series	EMC Symmetrix 8000 Series	libvxpp	The required ASL is already embedded in the install media
		libvxemc	The required ASL is already embedded in the install media
EMC Symmetrix 8000 series with			

PowerPath	EMC Symmetrix 8000 Series	libvxpp	The required ASL is already embedded in the install media
EMC Symmetrix DMX series with PowerPath	EMC Symmetrix DMX Architecture	libvxpp	The required ASL is already embedded in the install media
EMC Symmetrix DMX series	EMC Symmetrix DMX Architecture	libvxpp	The required ASL is already embedded in the install media
		libvxemc	The required ASL is already embedded in the install media
EMC Symmetrix VMAX series		libvxemc	The required ASL is already embedded in the install media
EMC VNX series		libvxCLARiiON	The required ASL is already embedded in the install media
EMC VNX2 series		libvxCLARiiON	The required ASL is already embedded in the install media
Fujitsu ETERNUS DX400/DX500 /DX600 series		libvxFJTSYe8k	See TechNote
Fujitsu ETERNUS DX8000 series		libvxFJTSYe8k	See TechNote
Fujitsu ETERNUS2000 series	ETERNUS2000 Disk Storage Systems	libvxfjtsye2k	See TechNote
Fujitsu ETERNUS4000 series	ETERNUS4000 Disk Storage Systems	libvxFJTSYe8k	See TechNote
Fujitsu ETERNUS8000 series	ETERNUS8000 Disk Storage Systems	libvxFJTSYe8k	See TechNote
Fujitsu ETERNUS DX60		libvxfjtsye2k	See TechNote
Fujitsu ETERNUS DX80		libvxfjtsye2k	See TechNote
Fujitsu ETERNUS DX90		libvxfjtsye2k	See TechNote
Fujitsu ETERNUS VS850		libvxibmsvc	The required ASL is already embedded in the install media
Hitachi AMS/WMS series		libvxhdsalua	The required ASL is already embedded in the install media
Hitachi Lightning 9900V series	Lightning 9900V Series Enterprise Storage Systems	libvxhds9980	The required ASL is already embedded in the install media
Hitachi SMS/AMS2000 series		libvxhdsalua	The required ASL is already embedded in the install media
Hitachi Thunder 9500V series	Thunder 9500V Series Modular Storage Systems	libvxhdsalua	The required ASL is already embedded in the install media
Hitachi USP/NSC series		libvxhdsusp	The required ASL is already embedded in the install media
Hitachi USPV/USPVM		libvxhdsusp	The required ASL is already embedded in the install media
Hitachi TMS1000		libvxhdsalua	The required ASL is already embedded in the install media
Hitachi VSP		libvxhdsusp	The required ASL is already embedded in the install media
IBM ESS 750/800 series	IBM Enterprise Storage Server family 750/800	libvxvpath	The required ASL is already embedded in the install media
		libvxshark	The required ASL is already embedded in the install media
IBM Storwize series		libvxibmsvc	The required ASL is already embedded in the install media
IBM System Storage DS5000 series		libvxlsiall	
IBM System Storage DS6000 series	IBM System Storage DS6000 Series	libvxibmds6k	The required ASL is already embedded in the install media
IBM System Storage DS8000 series	IBM System Storage DS8000 series	libvxibmds8k	The required ASL is already embedded in the install media
IBM TotalStorage DS4000 series with RDAC	IBM DS4000 series: Overview - IBM TotalStorage Disk Storage Systems	libvxibmds4k	The required ASL is already embedded in the install media
Oracle Storage 6580/6780 series		libvxlsiall	

Oracle StorageTek 9900 series		libvxhds9980	The required ASL is already embedded in the install media
Oracle StorageTek 9985/9990 series		libvxhds9980	The required ASL is already embedded in the install media
Oracle StorageTek 6140 array		libvxlsiall	
Oracle StorageTek 9985V system		libvxhds9980	The required ASL is already embedded in the install media
Oracle StorageTek 9990V system		libvxhds9980	The required ASL is already embedded in the install media
Oracle Sun Storage 6180 array		libvxlsiall	
StorageTek FlexLine 200/300 series		libvxlsiall	
Sun StorageTek 6540		libvxlsiall	