

```
.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 5.0, Solaris 9, SPARC

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<p>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.</p> <p>Array Support Libraries (ASLs)</p> <p>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.</p>											
▼ System requirements	Back to top										
Required number of CPUs: 1											
Required disk space:											
<table><tr><th>Partitions</th><th>Required disk space</th></tr><tr><td>/opt</td><td>847 MB</td></tr><tr><td>/root</td><td>72 MB</td></tr><tr><td>/usr</td><td>134 MB</td></tr><tr><td>/var</td><td>1 MB</td></tr></table>		Partitions	Required disk space	/opt	847 MB	/root	72 MB	/usr	134 MB	/var	1 MB
Partitions	Required disk space										
/opt	847 MB										
/root	72 MB										
/usr	134 MB										
/var	1 MB										
Related documentation											
Multi-core multi-thread processor SPARC64 Series											
Oracle's SPARC T3											
SPARC T3 Processor Overview											
SPARC T4 Processor Data Sheet											

[UltraSPARC - III CPU Module Installation Guide](#)[UltraSPARC IIs CPU Module Installation Guide](#)[UltraSPARC Processors](#)

Product features

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The features in the list are enabled in this release.

Feature	Storage Foundation Basic	Storage Foundation Standard	Storage Foundation Enterprise
1-256 TB File System	✓	✓	✓
Data management application programming interface (DMAPI)	✓	✓	✓
Direct I/O	✓	✓	✓
Dirty region logging	✓	✓	✓
Dynamic LUN expansion	✓	✓	✓
Dynamic Multi-pathing	✓	✓	✓
Enclosure based naming	✓	✓	✓
File Change Log	✓	✓	✓
File system snapshots	✓	✓	✓
Full size instant snapshots	✓	✓	✓
Hardware assisted copy	✓	✓	✓
Hot-relocation	✓	✓	✓
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	✓	✓	✓
Space-optimized instant snapshot	✓	✓	✓
Split-mirror snapshot	✓	✓	✓
User & group quotas	✓	✓	✓
Volume Replicator option	Optional	Optional	Optional
Concurrent I/O			✓
Dynamic Storage Tiering			✓
File system storage checkpoints			✓
Flashsnap: Disk group split & join			✓

Flashsnap: Fast resynchronization		✓
Import cloned LUN		✓
Oracle Disk Manager (ODM) and Cached ODM (CODM)		✓
Quick I/O (QIO) and Cached QIO (CQIO)		✓
Site awareness with remote mirrors		✓

Product documentation



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Product guides

Release Notes

  Storage Foundation Release Notes - English


File System Guides



  Storage Foundation 5.0 Installation Guide - English

  File System Administrator's Guide - English



  File System Programmer's Reference Guide - English



Storage Foundation Guides

  Storage Foundation 5.0 Installation Guide - English

  Storage Foundation 5.0 Intelligent Storage Provisioning Administrator's Guide - English


  Storage Foundation 5.0 Intelligent Storage Provisioning Solutions's Guide - English

  Storage Foundation 5.0 FlashSnap Point-in-Time Copy Solutions Administrator's Guide - English

  Storage Foundation 5.0 Enterprise Administrator (VEA 600 Series) User's Guide - English

Manual pages

Manual Pages

 Storage Foundation for Database Administration Manual Pages - English

 File System Manual Pages - English

Patches for Storage Foundation and Platform

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Product (recommended)

Patch

[sig_vrtsweb-sol_sparc-5.0RP1](#)

Date

2009-12-09

Size

348.58 KB

vea-sol_sparc-5...1RP2_ObguiPatch1	2009-07-06	35.25 MB
5.0MP1RP2 VRTSo...i VRTSaa VRTSccg	2008-08-07	47.58 MB
5.0 MP1b	2007-03-17	937.49 MB

Platform (required)
No patches required.

▼ Platform configuration

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Supported platform version. Last updated on 2018-06-12

Product versionPlatform version5.032 and 64-bit

Related documentation

- Oracle Solaris 9 SPARC Operating System Overview
- Oracle Solaris 9 Operating System - Datasheets

▼ Host bus adapter (HBA) parameters and switch parameters

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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

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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)

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Array family (model)	Documentation	Libraries	
3PAR E-Class, S-Class		libvx3par	See TechNote
Dell Compellent Storage Center 4		libvxcompellent	See TechNote
Dell EqualLogic PS3000 series		libvxeqlogic	See TechNote
Dell EqualLogic PS4000 series		libvxeqlogic	See TechNote

Dell EqualLogic PS5000 series		libvxeqlogic	See TechNote
Dell EqualLogic PS6000 series		libvxeqlogic	See TechNote
Dot Hill 2730/2730T		libvxdothill	See TechNote
Dot Hill 5730		libvxdothill	See TechNote
Dot Hill SANnet II FC		libvxhillsannet2	See TechNote
EMC CLARiiON AX series		libvxCLARiiON	The required ASL is already embedded in the install media
EMC CLARiiON CX series	CLARiiON CX Series	libvxCLARiiON	The required ASL is already embedded in the install media
EMC CLARiiON CX3 series		libvxCLARiiON	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
EMC Symmetrix 8000 series	EMC Symmetrix 8000 Series	libvxemc	The required ASL is already embedded in the install media
EMC Symmetrix DMX series	EMC Symmetrix DMX Architecture	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.so	See TechNote
Fujitsu ETERNUS DX8000 series		libvxFJTSYe8k.so	See TechNote
Fujitsu ETERNUS2000 series	ETERNUS2000 Disk Storage Systems	libvxfjtsye2k	
Fujitsu ETERNUS3000 series	ETERNUS3000 Storage Systems	libvxFJTSYe3k4ka	See TechNote
Fujitsu ETERNUS4000 series	ETERNUS4000 Disk Storage Systems	libvxFJTSYe3k4ka	See TechNote
Fujitsu ETERNUS6000 series	ETERNUS6000 Storage Systems	libvxfjtsye6k	See TechNote
Fujitsu ETERNUS8000 series	ETERNUS8000 Disk Storage Systems	libvxFJTSYe8k.so	See TechNote
Fujitsu FibreCAT SX80/100 series		libvxfsc	See TechNote
Fujitsu ETERNUS DX60		libvxfjtsye2k	
Fujitsu ETERNUS DX80		libvxfjtsye2k	
Fujitsu ETERNUS DX90		libvxfjtsye2k	
Fujitsu ETERNUS VS850		libvxibmsvc	
Hewlett Packard Enterprise EVA4400 /6400/8400		libvxhpeva	
Hewlett Packard Enterprise P6000 EVA series		libvxhpeva	
Hewlett Packard Enterprise 3PAR F200 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR F400 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR StoreServ 10400 Storage		libvx3par	See TechNote

Hewlett Packard Enterprise 3PAR StoreServ 10800 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR StoreServ 7200 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR StoreServ 7400 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR StoreServ 7450 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR T400 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise 3PAR T800 Storage		libvx3par	See TechNote
Hewlett Packard Enterprise EVA4000		libvxhpalua	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA4100		libvxhpalua	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA6000		libvxhpalua	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA6100		libvxhpalua	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA8000		libvxhpalua	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA8100		libvxhpalua	The required ASL is already embedded in the install media
Hewlett Packard Enterprise P9500		libvxxp12k	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP10000		libvxxp12k	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP1024		libvxxp1281024	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP12000		libvxxp12k	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP128		libvxxp1281024	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP20000		libvxxp12k	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP24000		libvxxp12k	The required ASL is already embedded in the install media
Hitachi AMS/WMS series		libvxhdsalua	See TechNote
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	See TechNote
Hitachi Thunder 9500V series	Thunder 9500V Series Modular Storage Systems	libvxhdsalua	See TechNote
Hitachi USP/NSC series		libvxhdsusp	The required ASL is already embedded in the install media
Hitachi USP/USPVM		libvxhdsusp	The required ASL is already embedded in the install media
Hitachi TMS1000		libvxhdsalua	See TechNote
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	

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 System Storage N series	IBM System Storage N series IBM System Storage N7000 Modular Disk Storage System	libvxnetapp	See TechNote
IBM System Storage XIV series		libvxxiv	See TechNote
IBM TotalStorage DS4000 series	IBM DS4000 series: Overview - IBM TotalStorage Disk Storage Systems	libvxibmds4k	The required ASL is already embedded in the install media
NEC iStorage D1/D3 series		libvxnipnyis	See TechNote
NEC iStorage D8 series		libvxnipnyis	See TechNote
NEC iStorage S1000 series		libvxnipnyis	See TechNote
NEC iStorage S2000 series		libvxnipnyis	See TechNote
NEC iStorage S4000 series		libvxnipnyis	See TechNote
NEC Symmetrix DMX-4		libvxemc	The required ASL is already embedded in the install media
NEC Symmetrix VMAX		libvxemc	The required ASL is already embedded in the install media
NetApp FAS2000/FAS900/FAS200 series		libvxnetapp	See TechNote
NetApp FAS3000/V3000 series		libvxnetapp	See TechNote
NetApp FAS6000/V6000 series		libvxnetapp	See TechNote
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		libvxengenio	The required ASL is already embedded in the install media
		libvxengenio	The required ASL is already embedded in the install media
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
StorageTek FlexLine 200/300 series		libstkasl	See TechNote
Sun StorEdge 3510/3511		libvxsunse3k	The required ASL is already embedded in the install media
Sun StorageTek 3310		libvxsunse3k	The required ASL is already embedded in the install media
Sun StorageTek 3320		libvxsunse3k	The required ASL is already embedded in the install media
Sun StorageTek 6130		libvxengenio	The required ASL is already embedded in the install media
		libvxengenio	The required ASL is already embedded in the install media
Texas Memory Systems RamSan 400	RamSan 400 Details	libvxramsan	See TechNote

