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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 6.0, Solaris 11, SPARC

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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.

Solaris 11 support requires SFCFSHA 6.0 PR1.

In the VxFS 6.0 release, you can create and mount only file systems with disk layout Version 7, Version 8 and Version 9. VxFS 6.0 does not support disk layout version 4, version 5 and version 6. You can upgrade these unsupported layout versions online using the vxupgrade utility before installing VxFS 6.0. Or after installing VxFS 6.0, you can convert version 4 and version 5 offline using vxfsconvert or upgrade version 6 online using vxupgrade utility.

It is recommended to upgrade VxFS disk layouts to a supported version prior to installing VxFS 6.0. However, VxFS 6.0 can mount disk layout version 6 locally only to perform an online upgrade. Cluster mount for disk layout version 6 is not supported in VxFS 6.0.

#### 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	Minimum space required	Maximum space required	Recommended space
/opt	350 MB	611 MB	582 MB
/root	43 MB	43 MB	43 MB
/usr	177 MB	177 MB	177 MB
/var	1 MB	1 MB	1 MB

**Supported architectures:**

SPARC M5 series [1][2]

SPARC M6 series [1][2]

SPARC T3 series [2]

SPARC T4 series [2]

SPARC T5 series [2][3]

SPARC64 X+ series [2][3]

SPARC64-V series

SPARC64-VI series

SPARC64-VII/VII+ series

SPARC64-X series [2][3]

UltraSPARC II series

UltraSPARC III series

UltraSPARC IV series

UltraSPARC T1 series [2]

UltraSPARC T2/T2+ series [2]

1. A minimum version of Storage Foundation 6.0 PR1 is required for Solaris 11 and 6.0.3 is required for Solaris 11.1.
2. Oracle VM Server for SPARC supported. See the following TechNote: <http://www.veritas.com/docs/DOC5860>.
3. A minimum version of Storage Foundation 6.0.3 is required for support.

**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**[Back to top](#)

The features in the list are enabled in this release.

**Feature****Storage Foundation CFSHA**

1-256 TB File System	✓
CFS Multi-transaction server	✓
Cluster File System	✓
Cluster Volume Manager	✓
Compression	✓
Concurrent I/O	✓
Data management application programming interface (DMAPI)	✓
Deduplication	✓
Device names consistent across cluster nodes	✓
Device names using Array Volume IDs	✓
Direct I/O	✓
Dirty region logging	✓
Dynamic LUN expansion	✓
Dynamic Multi-pathing	✓
Enclosure based naming	✓
File Change Log	✓
File system snapshots	✓
File system storage checkpoints	✓
Flashsnap: Disk group split & join	✓
Flashsnap: Fast resynchronization	✓
Full size instant snapshots	✓
Hardware assisted copy	✓
Hot-relocation	✓
Import cloned LUN	✓
Keyless licensing	✓
Mount lock	✓
Named data streams	✓
Online coordinator disk replacement	✓
Online file system defragmentation	✓
Online file system grow & shrink	✓
Online relay out	✓
Online volume grow & shrink	✓
Operations Manager	✓
Oracle Disk Manager (ODM) and Cached ODM (CODM)	✓
Partitioned directories	✓
Portable Data Containers (formerly known as Cross-Platform Data Sharing (CDS))	✓
Quick I/O (QIO) and Cached QIO (CQIO)	✓
Remote mirrors for campus clusters	✓

Rolling upgrade	✓
SCSI-3 based I/O fencing	✓
SSD device exploitation	✓
Site awareness with remote mirrors	✓
SmartMove	✓
SmartTier (formerly Dynamic Storage Tiering)	✓
Space-optimized instant snapshot	✓
Split-mirror snapshot	✓
Thin storage reclamation	✓
User & group quotas	✓
iSCSI device support	✓
Replicator option (formerly Volume Replicator)	Optional
Database storage checkpoints & rollback	Oracle only
FlashSnap: Database	Oracle only
SmartTier for Oracle (formerly Database DST)	Oracle only

**Product documentation** [Back to top](#)

**Product guides**

Release Notes	  Veritas Storage Foundation Cluster File System High Availability Release Notes - English
Storage Foundation Guides	  Veritas File System Programmer's Reference Guide - English
Storage Foundation Cluster File System High Availability Guides	  Veritas Storage Foundation Cluster File System High Availability Administrator's Guide - English
	  Veritas Storage Foundation Cluster File System High Availability Installation Guide - English

**Patches for Storage Foundation Cluster File System HA and Platform** [Back to top](#)

Product (recommended) No patches found.
Platform (required) No patches required.

## ▼ End of Support Life information

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Last updated on 2024-04-19. Refer to [EOSL page](#) for more information about support.

Release Date(GA)	Extended Support Starts	Sustaining Support Starts	End of Support Life Date(EOSL)
2011-12-18	2018-12-01	2020-12-30	2026-12-30

## ▼ Platform configuration

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### Supported platform version

Product versionPlatform version6.0Solaris 11

### Related documentation

[Oracle Solaris 11 Operating System Overview](#)

## ▼ High availability agents

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VCS agent	Documentation	Application version	Release date
<a href="#">Oracle, Netlsnr, ASMInst, ASMDG 6.0.010.000</a>		Oracle Database with ASM 11gR2	2012-04-04
<a href="#">All File Share Agents 6.0.010.000</a>		Veritas Bundled File Share agents 6.0PR1	2012-03-31
<a href="#">All Infrastructure and support agents 6.0.010.000</a>		Veritas Bundled Infrastructure and support agents 6.0PR1	2012-03-31
<a href="#">All Network Agents 6.0.010.000</a>		Veritas Bundled Network agents 6.0PR1	2012-03-31
<a href="#">All VVR Agents 6.0.010.000</a>		Veritas Bundled Replication agents 6.0PR1	2012-03-31
<a href="#">All Service and Application Agents 6.0.010.000</a>		Veritas Bundled Service and Application agents 6.0PR1	2012-03-31
<a href="#">All Storage Agents 6.0.010.000</a>		Veritas Bundled Storage agents 6.0PR1	2012-03-31

## ▼ 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 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON AX series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON CX series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON CX series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON CX3 series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON CX3 series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON CX4 series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC CLARiiON CX4 series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC EqualLogic PS3000 series		libvxequallogic (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC EqualLogic PS4000 series		libvxequallogic (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC EqualLogic PS5000 series		libvxequallogic (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC EqualLogic PS6000 series		libvxequallogic (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC SC Series		libvxcompellent (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Symmetrix 8000 series		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Symmetrix 8000 series with PowerPath		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Symmetrix DMX series		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media

Dell EMC Symmetrix DMX series with PowerPath		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Symmetrix VMAX series		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Symmetrix VMAX series with PowerPath		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Unity series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC Unity series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VMAX3/VMAX All Flash Family series		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VMAX3/VMAX All Flash Family series with PowerPath		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VNX series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VNX series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VNX2 series		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VNX2 series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VNX2e series with PowerPath		libvxCLARiiON (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Dell EMC VPLEX		libvxInvista (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS DX400/DX500 /DX600 series		libvxFJTSYe8k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS DX60/DX80/DX90 /DX100/DX200 series		libvxfjtsye2k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS DX8000 series		libvxFJTSYe8k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS2000 series	<a href="#">ETERNUS2000 Disk Storage Systems</a>	libvxfjtsye2k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS4000 series	<a href="#">ETERNUS4000 Disk Storage Systems</a>	libvxFJTSYe8k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS6000 series	<a href="#">ETERNUS6000 Storage Systems</a>	libvxFJTSYe6k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS8000 series	<a href="#">ETERNUS8000 Disk Storage Systems</a>	libvxFJTSYe8k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media

Fujitsu FibreCAT SX80/100 series		libvxfsc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Fujitsu ETERNUS VS850		libvxibmsvc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise 3PAR F/T-Class, StoreServ 7000/8000/9000 /10000/20000 Storage		libvx3par (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA4000 /6000/8000		libvxhpalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA4100 /6100/8100		libvxhpalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise EVA4400 /6400/8400 series		libvxhpalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise P6000 EVA series		libvxhpalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP10000 /12000		libvxxp256 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp1281024 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp12k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP128 /1024		libvxxp12k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp256 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp1281024 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP20000 /24000		libvxxp1281024 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp12k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp256 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hewlett Packard Enterprise P9500		libvxxp256 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp1281024 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxxp12k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media

Hitachi AMS/WMS series		libvxhdsalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi HUS 100 series	<a href="#">Hitachi Unified Storage 100 Family</a>	libvxhdsalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi Lightning 9900V series	<a href="#">Lightning 9900V Series Enterprise Storage Systems</a>	libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi SMS/AMS2000 series		libvxhdsalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi Thunder 9500V series	<a href="#">Thunder 9500V Series Modular Storage Systems</a>	libvxhdsalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi USP/NSC series		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi USPV/USPVM		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi VSP G series		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi VSP Gx00/Fx00 series		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the	The required ASL is already

Hitachi HUS VM		package <a href="#">VRTSaslapm</a> )	embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi TMS1000		libvxhdsalua (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Hitachi VSP		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Huawei OceanStor Series		libvxhuawei (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Huawei S5000 series		libvxhuawei (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Huawei VIS series		libvxhuawei (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM ESS 750/800 series	<a href="#">IBM Enterprise Storage Server family 750/800</a>	libvxshark (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM Spectrum Virtualize series		libvxibmsvc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM Storwize series		libvxibmsvc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM System Storage DS3500 series		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM System Storage DS5000 series		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM System Storage DS6000 series	<a href="#">IBM System Storage DS6000 Series</a>	libvxibmds6k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM System Storage DS8000 series	<a href="#">IBM System Storage DS8000 series</a>	libvxibmds8k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM System Storage N series	<a href="#">IBM System Storage N series</a> <a href="#">IBM System Storage N7000 Modular Disk Storage System</a>	libvxnetapp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM System Storage XIV series		libvxxiv (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM TotalStorage DS4000 series	<a href="#">IBM DS4000 series: Overview - IBM TotalStorage Disk Storage Systems</a>	libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media

IBM DS3950		libvlsi (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
IBM DS5020		libvlsi (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC iStorage D1/D3 series		libvxnipnyis (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC iStorage D8 series		libvxnipnyis (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC iStorage M series		libvxnipnyis (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC iStorage S1000 series		libvxnipnyis (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC iStorage S2000 series		libvxnipnyis (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC Symmetrix DMX-4		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxpp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC Symmetrix DMX-4 with PowerPath		libvxpp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC Symmetrix VMAX		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NEC Symmetrix VMAX with PowerPath		libvxemc (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NetApp AFF Series		libvxnetapp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NetApp FAS2000/FAS900/FAS200 series		libvxnetapp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NetApp FAS3000/V3000 series		libvxnetapp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NetApp FAS6000/V6000 series		libvxnetapp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
NetApp FAS8000/FAS9000 Series		libvxnetapp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle Axiom series		libvxpillaraxiom (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvlsi (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media

Oracle Storage 6580/6780 series		<a href="#">VRTSaslapm</a> )	embedded in the install media
Oracle StorageTek 2500 series		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle StorageTek 9900 series		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle StorageTek 9985/9990 series		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle ZFS Storage Appliance series		libvxsun7x10 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle StorageTek 6140 array		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle StorageTek 9985V system		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle StorageTek 9990V system		libvxhds9980 (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhds (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Oracle Sun Storage 6180 array		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
StorageTek FlexLine 200/300 series		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Sun StorEdge 3510/3511		libvxsunse3k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Sun StorageTek 3310		libvxsunse3k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media

Sun StorageTek 3320		libvxsunse3k (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media
Sun StorageTek 6130		libvxlsiall (embedded in the package <a href="#">VRTSaslapm</a> )	The required ASL is already embedded in the install media