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```

Installation and Upgrade Checklist Report for Storage Foundation Cluster File System HA 6.2, Solaris 11, SPARC

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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 | 583 MB | 863 MB | 861 MB |
| /root | 24 MB | 24 MB | 24 MB |
| /usr | 216 MB | 216 MB | 216 MB |
| /var | 1 MB | 1 MB | 1 MB |

Supported architectures:

SPARC M5 series [1]

SPARC M6 series [1]

SPARC M7 series [1][2]

SPARC S7 series [1][3]

SPARC T3 series [1]

SPARC T4 series [1]

SPARC T5 series [1]

SPARC T7 series [1][2][3]

SPARC64 X+ series [1]

SPARC64-V series

SPARC64-VI series

SPARC64-VII/VII+ series

SPARC64-X series [1]

UltraSPARC II series

UltraSPARC III series

UltraSPARC IV series

UltraSPARC T1 series [1]

UltraSPARC T2/T2+ series [1]

1. Oracle VM Server for SPARC supported. See the following TechNote: <http://www.veritas.com/docs/DOC5860>.

2. eUSB device is not supported.

3. Storage Foundation version 6.2.1 or higher is required.

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 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 | ✓ |
| Flexible Storage Sharing | ✓ |
| 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 | ✓ |
| SmartIO - Volume Manager and File System Read Caching | ✓ |
| SmartIO - Write Back Caching | ✓ |

| | |
|--|-------------|
| 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

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Product guides

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

Patches for Storage Foundation Cluster File System HA and Platform

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Product (recommended)

| Patch | Date | Size |
|--|------------|-----------|
| cpi-Patch-6.2.1.2200 | 2022-12-10 | 54.39 KB |
| vcs-sol11_sparc-Patch-6.2.1.1100 | 2019-11-05 | 85.69 MB |
| sfha-sol11_sparc-Patch-6.2.1.200 | 2019-04-17 | 80.34 MB |
| vm-sol11_sparc-Patch-6.2.1.500 | 2017-10-23 | 58.61 MB |
| cpi-Patch-6.2.1.1100 | 2017-02-14 | 33.08 KB |
| fs-sol11_sparc-Patch-6.2.1.300 | 2016-12-30 | 15.99 MB |
| odm-sol11_sparc-Patch-6.2.1.300 | 2016-12-30 | 1.84 MB |
| sfha-sol11_sparc-MR-6.2.1 | 2015-04-24 | 358.91 MB |

Platform (required)

No patches required.

▼ End of Support Life information

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Last updated on 2024-03-25. Refer to [support fundamental](#) for more information about support.

| Release Date(GA) | Extended Support Starts | Sustaining Support Starts | End of Support Life Date(EOSL) |
|------------------|-------------------------|---------------------------|--------------------------------|
| 2014-11-30 | 2020-10-03 | 2022-12-30 | 2028-12-30 |

▼ Platform configuration

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Supported platform version. Last updated on 2021-01-01

Product versionPlatform version6.211.3, 11.2, 11.1

Related documentation

[Oracle Solaris 11 Operating System Overview](#)

▼ 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 | |
|----------------------|---------------|---|------------------------------|
| | | libvx3par (embedded in the package VRTSaslapm) | See TechNote |

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|--|--|---|---|
| 3PAR E-Class, S-Class | | libvx3par (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Dell EqualLogic PS3000 series | | libvxelogic (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Dell EqualLogic PS4000 series | | libvxelogic (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Dell EqualLogic PS5000 series | | libvxelogic (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Dell EqualLogic PS6000 series | | libvxelogic (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Dell SC Series | | libvxcompellent (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Dell Compellent Series 40 | | libvxcompellent (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC CLARiiON CX3 series with PowerPath | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| EMC CLARiiON CX3 series | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| EMC CLARiiON CX4 series | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| EMC CLARiiON CX4 series with PowerPath | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxemc (embedded in the package | The required ASL is already |

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| EMC Symmetrix DMX series with PowerPath | EMC Symmetrix DMX Architecture | VRTSaslapm) | embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| EMC Symmetrix DMX series | EMC Symmetrix DMX Architecture | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC Symmetrix VMAX series with PowerPath | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC Symmetrix VMAX series | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VMAX3 series with PowerPath | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VMAX3 series | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VNX series | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VNX series with PowerPath | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VNX2 series | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VNX2 series with PowerPath | | libvxCLARiiON (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VPLEX | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxInvista (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| EMC VPLEX with PowerPath | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |

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| EMC XtremIO | | libvxXtremio (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxXtremio (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxXtremio (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| EMC XtremIO with PowerPath | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| Fujitsu ETERNUS DX400/DX500 /DX600 series | | libvxFJTSYe8k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxFJTSYe8k (embedded in the package VRTSaslapm) | See TechNote |
| Fujitsu ETERNUS DX60/DX80/DX90 /DX100/DX200 series | | libvxfjtsye2k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Fujitsu ETERNUS DX8000 series | | libvxFJTSYe8k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxFJTSYe8k (embedded in the package VRTSaslapm) | See TechNote |
| Fujitsu ETERNUS2000 series | ETERNUS2000 Disk Storage Systems | libvxfjtsye2k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Fujitsu ETERNUS4000 series | ETERNUS4000 Disk Storage Systems | libvxFJTSYe8k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxFJTSYe8k (embedded in the package VRTSaslapm) | See TechNote |
| Fujitsu ETERNUS8000 series | ETERNUS8000 Disk Storage Systems | libvxFJTSYe8k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxFJTSYe8k (embedded in the package VRTSaslapm) | See TechNote |
| Fujitsu FibreCAT SX80/100 series | | libvxfsc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Fujitsu ETERNUS VS850 | | libvxibmsvc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hewlett Packard Enterprise 3PAR F/T-Class, StoreServ 7000/8000/10000 /20000 Storage | | libvx3par (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvx3par (embedded in the package VRTSaslapm) | |

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| | | VRTSaslapm) | See TechNote |
| Hewlett Packard Enterprise EVA4100 /6100/8100 | | libvxhpalua (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hewlett Packard Enterprise EVA4400 /6400/8400 | | libvxhpalua (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hewlett Packard Enterprise P6000 EVA series | | libvxhpalua (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hewlett Packard Enterprise XP10000 /12000 | | libvxxp12k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp256 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp12k (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxxp1281024 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hewlett Packard Enterprise XP20000 /24000 | | libvxxp1281024 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp12k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp256 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp12k (embedded in the package VRTSaslapm) | See TechNote |
| Hewlett Packard Enterprise P9500 | | libvxxp256 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp12k (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxxp1281024 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp12k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hewlett Packard Enterprise XP7 | | libvxxp12k (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxxp1281024 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp12k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxxp256 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
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| Hitachi HUS 100 series | Hitachi Unified Storage 100 Family | libvxhdsalua (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hitachi SMS/AMS2000 series | | libvxhdsalua (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hitachi USP/NSC series | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Hitachi USPV/USPVM | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Hitachi VSP Gx00/Fx00 series | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |

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| Hitachi HUS VM | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Hitachi VSP | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Hitachi VSP G1000 | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Huawei S5000 series | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhuawei (embedded in the package VRTSaslapm) | |

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| | | package VRTSaslapm) | See TechNote |
| Huawei S5000T series | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| Huawei VIS series | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| Huawei 18500 | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Huawei 18800 | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| Huawei 18800F | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Huawei HVS85T | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Huawei HVS88T | | libvxhuawei (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhuawei (embedded in the package VRTSaslapm) | See TechNote |
| IBM FlashSystem series | | libvxramsan (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| IBM Storwize series | | libvxibmsvc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| IBM System Storage DS3500 series | | libvxlsiall (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxlsiall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlsiall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |

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| IBM System Storage DS5000 series | | libvxlslall (embedded in the package VRTSaslapm) | See TechNote |
| IBM System Storage DS6000 series | IBM System Storage DS6000 Series | libvxibmds6k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| IBM System Storage DS8000 series | IBM System Storage DS8000 series | libvxibmds8k (embedded in the package VRTSaslapm) | 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 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxnetapplsi (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxnetapp (embedded in the package VRTSaslapm) | See TechNote |
| IBM System Storage XIV series | | libvxxiv (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| IBM DS3950 | | libvxlslall (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxlslall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| IBM DS5020 | | libvxlslall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlslall (embedded in the package VRTSaslapm) | See TechNote |
| Infinidat InfiniBox F-Series | | libvxinfinibox (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC iStorage D1/D3 series | | libvxnipnyis (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC iStorage D8 series | | libvxnipnyis (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC iStorage M series | | libvxnipnyis (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC iStorage S1000 series | | libvxnipnyis (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC iStorage S2000 series | | libvxnipnyis (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC Symmetrix DMX-4 | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package | |

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| | | VRTSaslapm) | See TechNote |
| NEC Symmetrix DMX-4 with PowerPath | | libvxpp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC Symmetrix VMAX with PowerPath | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NEC Symmetrix VMAX | | libvxemc (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NetApp FAS2000/FAS900/FAS200 series | | libvxnetapp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxnetapplsi (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxnetapp (embedded in the package VRTSaslapm) | See TechNote |
| NetApp FAS3000/V3000 series | | libvxnetapp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxnetapplsi (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxnetapp (embedded in the package VRTSaslapm) | See TechNote |
| NetApp FAS6000/V6000 series | | libvxnetapp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxnetapplsi (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxnetapp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| NetApp FAS8000 Series | | libvxnetapp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxnetapp (embedded in the package VRTSaslapm) | See TechNote |
| Oracle Axiom series | | libvxpillaraxiom (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Oracle Storage 6580/6780 series | | libvxlsiall (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxlsiall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
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| Oracle StorageTek 2500 series | | libvxlslall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlslall (embedded in the package VRTSaslapm) | See TechNote |
| Oracle StorageTek 9900 series | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Oracle StorageTek 9985/9990 series | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Oracle ZFS Storage Appliance series | | libvxsun7x10 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxsun7x10 (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxsun7x10 (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxsun7x10 (embedded in the package VRTSaslapm) | See TechNote |
| Oracle StorageTek 6140 array | | libvxlslall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlslall (embedded in the package VRTSaslapm) | |

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| | | VRTSaslapm) | See TechNote |
| Oracle StorageTek 9985V system | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Oracle StorageTek 9990V system | | libvxhdsusp (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds9980 (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxhds (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxhdsusp (embedded in the package VRTSaslapm) | See TechNote |
| Oracle Sun Storage 6180 array | | libvxlsiall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlsiall (embedded in the package VRTSaslapm) | See TechNote |
| Pure Storage FlashArray series | | libvxpurestorage (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxpurestorage (embedded in the package VRTSaslapm) | See TechNote |
| StorageTek FlexLine 200/300 series | | libvxlsiall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlsiall (embedded in the package VRTSaslapm) | See TechNote |
| Sun StorEdge 3510/3511 | | libvxsunse3k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |

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| Sun StorageTek 3310 | | libvxsunse3k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Sun StorageTek 3320 | | libvxsunse3k (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| Sun StorageTek 6130 | | libvxlsiall (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |
| | | libvxlsiall (embedded in the package VRTSaslapm) | See TechNote |
| Violin Memory Violin 3000/6000 series | | libvxviolin (embedded in the package VRTSaslapm) | See TechNote |
| | | libvxviolin (embedded in the package VRTSaslapm) | The required ASL is already embedded in the install media |