

```
.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 InfoScale Foundation 7.4, AIX 7.1, POWER

▼ Index

[Back to top](#)

- Important Notes
- Components for InfoScale
- System requirements
- Product features
- Product documentation
- Patches for InfoScale Foundation and Platform
- End of Support Life information
- Platform configuration
- Host bus adapter (HBA) parameters and switch parameters
- Operations Manager
- Array Support Libraries (ASLs)

▼ Important Notes

[Back to top](#)

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.

▼ Components for InfoScale

[Back to top](#)

The InfoScale product you selected contains the following component(s).

- Dynamic Multi-Pathing
- Storage Foundation Basic

Get more introduction of Veritas InfoScale.

▼ System requirements

[Back to top](#)

Required memory: 1 GB

Required disk space:

Total space required: 639MB

Product features[Back to top](#)

The features in the list are enabled in this release.

Feature	InfoScale Foundation
1-256 TB File System	✓
2FA/PKI (2 Factor Authentication) Support in InfoScale (VIOM)	✓
ALUA and Generic ALUA Array Support	✓
API for moving the host to DATA CENTER, based on organization rule (VIOM)	✓
Ability to visualize the replication groups - Discovery (VIOM)	✓
Alert for SG Freeze/Unfreeze with time counter	✓
Data management application programming interface (DMAPI)	✓
Deployment of InfoScale through CPI integration with CHEF automation platform	✓
Device names consistent across cluster nodes	✓
Device names using Array Volume IDs	✓
Dirty region logging	✓
Dynamic LUN expansion	✓
Dynamic Multi-pathing	✓
Dynamic Multi-pathing - Intelligent pathing for EMC VPLEX	✓
Ease of Use: VIOM API Functionality and DR support using SRDF	✓
Enclosure based naming	✓
Fault tolerant file system	✓
File Change Log	✓
File system migration from EXT4 to VxFS	✓
File system snapshots	✓
Full size instant snapshots	✓
Hot-relocation	✓
Import cloned LUN	✓
Keyless licensing	✓
License Auditing Tool (VIOM)	✓
Licensing simplification: SLIC Migration	✓
Mount lock	✓
Moving HOST to child organization, based on OE rule (VIOM)	✓
Named data streams	✓
NetApp C-Dot Array Support	✓
Online file system defragmentation	✓
Online file system grow & shrink	✓
Online relay out	✓
Online volume grow & shrink	✓
Operations Manager	✓

Partitioned directories	✓
Puppet support	✓
Quality of Service (QoS) for applications	✓
Quick I/O (QIO) and Cached QIO (CQIO)	✓
SNMP v3 support (VIOM)	✓
SSD device exploitation	✓
Security Improvements addressing issues reported by EOM partners and customers (Meltdown, Spectre, and Retpoline Kernel Support)	✓
Site awareness with remote mirrors	✓
SmartTier (formerly Dynamic Storage Tiering)	✓
Space-optimized instant snapshot	✓
Thin storage reclamation using UNMAP	✓
Third Party Certificate Support	✓
Third-party components upgrade ensuring security	✓
VIOM API for service group management (Online/Offline/Switch)	✓
iSCSI device support	✓

Product documentation [Back to top](#)

Manual pages	
Manual Pages	  Veritas InfoScale Foundation Manual Pages - English
Compatibility lists	
Compatibility lists	 Veritas InfoScale Software Compatibility List - English
	 Veritas InfoScale Hardware Compatibility List - English
	 Veritas InfoScale™ Support Matrix for Sybase® - English
Product guides	
Getting Started	  Veritas InfoScale Getting Started Guide - English
Installation Guide	  Veritas InfoScale Installation Guide - English
	 Veritas InfoScale Chef Deployment Guide - English
Release Notes	  Veritas InfoScale Release Notes - English
InfoScale Solutions Guides	  Veritas InfoScale Troubleshooting Guide - English

Storage Foundation Guides	  Storage Foundation Configuration and Upgrade Guide - English
	  Storage Foundation Administrator's Guide - English
	  Veritas File System System ProgrammerProgrammer's Reference Guide - English
Dynamic Multi-Pathing Guide	  Dynamic Multi-Pathing Administrator's Guide - English

▼ Patches for InfoScale Foundation and Platform [Back to top](#)

Product (recommended)		
Patch	Date	Size
cpi-Patch-7.4.0.1000	2021-08-25	19.16 KB
infoscale-aix-Patch-7.4.0.1100	2018-07-23	113.4 MB
Platform (required) No patches required.		

▼ End of Support Life information [Back to top](#)

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)
2018-05-30	2023-02-28	2025-02-28	-

▼ Platform configuration [Back to top](#)

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

Product versionPlatform version7.4TL4, TL5

Required platform packages:
 bos.net.nfs.client
 xIC.aix61.rte 11.1.0.1
 devices.common.IBM.fc.hba-api

Related documentation
[AIX Version 7.1](#)

▼ 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).

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	
Dell EMC Symmetrix DMX series		libvxemc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC Symmetrix DMX series with PowerPath		libvxemc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC Symmetrix VMAX series		libvxemc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC Symmetrix VMAX series with PowerPath		libvxemc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC Symmetrix VMAX series with AIX VIO		libvxemc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC Unity series with PowerPath		libvxCLARiiON (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC Unity series		libvxCLARiiON (embedded in the package VRTSaslapm)	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 VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC VMAX3/VMAX All Flash Family series		libvxemc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC VNX series with PowerPath		libvxCLARiiON (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC VNX series		libvxCLARiiON (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxCLARiiON (embedded in the	The required ASL is already

Dell EMC VNX2 series		package VRTSaslapm)	embedded in the install media
Dell EMC VNX2 series with PowerPath		libvxCLARiiON (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC VNX2e series with PowerPath		libvxCLARiiON (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC VNX2e series		libvxCLARiiON (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC VPLEX		libvxInvista (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Dell EMC XtremIO		libvxXtremio (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Fujitsu ETERNUS DX400/DX500 /DX600 series		libvxFJTSYe8k (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
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
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
Fujitsu ETERNUS8000 series	ETERNUS8000 Disk Storage Systems	libvxFJTSYe8k (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 7000/8000/9000 /10000/20000 Storage		libvx3par (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
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)	The required ASL is already embedded in the install media
		libvxxp1281024 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Hewlett Packard Enterprise XP7		libvxxp256 (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
		libvxxp1281024 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media

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 with AIX VIO		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 VSP G series		libvxhdsusp (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
		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Hitachi VSP Gx00/Fx00 series		libvxhds (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Hitachi HUS VM		libvxhdsusp (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
		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Hitachi VSP		libvxhds (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Huawei 18000 series		libvxhuawei (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Huawei OceanStor Series		libvxhuawei (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Huawei S5000 series		libvxhuawei (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Huawei VIS series		libvxhuawei (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxramsan (embedded in the	The required ASL is already

IBM FlashSystem series		package VRTSaslapm)	embedded in the install media
IBM Spectrum Virtualize series with AIX VIO		libvxibmsvc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
IBM Spectrum Virtualize series		libvxibmsvc (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
IBM Storwize series with AIX VIO		libvxibmsvc (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 DS8000 series with AIX VIO	IBM System Storage DS8000 series	libvxibmds8k (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 XIV series		libvxixiv (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
IBM DS3950		libvxlsiall (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxibmds4k (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Infinidat InfiniBox F-Series with AIX VIO		libvxinfinibox (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
NetApp AFF Series		libvxnetapp (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
NetApp FAS3000/V3000 series		libvxnetapp (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
NetApp FAS6000/V6000 series		libvxnetapp (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
NetApp FAS8000/FAS9000 Series		libvxnetapp (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)	The required ASL is already embedded in the install media
Oracle StorageTek 2500 series		libvxlsiall (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

Oracle StorageTek 9900 series		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Oracle StorageTek 9985/9990 series		libvxhds (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
		libvxhdsusp (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Oracle StorageTek 6140 array		libvxlsiall (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Oracle StorageTek 9985V system		libvxhdsusp (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
		libvxhds9980 (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Oracle Sun Storage 6180 array		libvxlsiall (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Pure Storage FlashArray series		libvxpurestorage (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Sun StorageTek 6540		libvxlsiall (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media
Violin Memory Violin 3000/6000 series		libvxviolin (embedded in the package VRTSaslapm)	The required ASL is already embedded in the install media