

Veritas InfoScale Foundation, Availability, Storage and Enterprise Solutions 7.3, 7.3.1, 7.4, and 7.4.1 (AIX, Linux, Solaris) Hardware Compatibility List

Introduction

Created on September 19, 2019

This Hardware Compatibility List (HCL) contains support information for hardware products tested with the following Veritas InfoScale Foundation, Availability, Storage and Enterprise Solutions product releases and platforms:

- 7.3, 7.3.1, 7.4, and 7.4.1 for AIX, Linux, and Solaris (SPARC).

The list is divided into sections for servers, disk storage arrays, host bus adapters, and switches.

Use the links in the Contents to access the specific sections. All devices are presented by operating system and manufacturer.

This HCL represents the limits of Veritas support for disk storage arrays qualified for use with the Veritas 7.3, 7.3.1, 7.4, and 7.4.1 InfoScale products in this list. There are no implied additions or exceptions to the tested or compatible devices on the provided lists.

The information in the Hardware Compatibility List (HCL) for InfoScale products documentation is provided "as is," and all express or implied conditions, representations and warranties, including any implied warranty of merchantability, fitness for a particular purpose or non-infringement, are disclaimed, except to the extent that such disclaimers are held to be legally invalid, Veritas corporation shall not be liable for incidental or consequential damages in connection with the furnishing, performance, or use of this documentation.

The information contained on this website and in this HCL documentation is subject to change without notice.

General Notes:

- For support purposes, "Yes", or the instance of any software option in a cell in any of the matrices, indicates Veritas support for the product stack under which it appears. To verify support for a given device, make sure that the manufacturer also shows support for the device in its own HCL.
- Devices are listed by the name and series model number provided by the manufacturer.

NOTE: The Dynamic Multi-Pathing (DMP) OS native stack support feature is supported. DMP OS native stack support allows OS native volume groups or file systems operate over DMP devices. This feature is available LVM on Linux RHEL6, RHEL7, SLES 11 and SLES 12.

NOTE: The new functionality and cumulative fixes of the ASL/APM are delivered through the updated VRTSaslapm package to ensure proper functioning of the storage hardware. The latest VRTSaslapm package can be found at <https://sort.veritas.com/asi> . For more details about the latest VRTSaslapm package changes, see: <http://www.veritas.com/docs/TECH231389> .

Product Acronyms

| Acronym | Definition |
|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| InfoScale Foundation + Availability | InfoScale Foundation + InfoScale Availability |
| InfoScale Storage / Storage + Availability / Enterprise | InfoScale Storage, InfoScale Storage + InfoScale Availability, InfoScale Enterprise |

Contents

| | | |
|--------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------|
| <u>Servers</u> | <u>Unified Computing and Blade Platforms</u> | <u>Disk Arrays and Storage Devices</u> |
| | <u>Generic RAID SCSI/SAS/e-SATA Controller (Internal Card With External Storage Attached)</u> | |
| <u>Host Bus Adapters</u> | | <u>Switches</u> |

Servers

Servers are listed on the basis of their processor architecture.

Support Legend

| Symbol | Meaning |
|--------|---------------|
| Yes | Supported |
| No | Not supported |

AIX

| Processor architecture | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise |
|------------------------|----------------------|-------------------------------------|---------------------------------------------------------|
| Power4 series | Yes | Yes | Yes |
| Power4+ series | Yes | Yes | Yes |
| Power5 series | Yes | Yes | Yes |
| Power5+ series | Yes | Yes | Yes |
| Power6 series | Yes | Yes | Yes |
| Power6+ series | Yes | Yes | Yes |
| Power7 series | Yes | Yes | Yes |
| Power7+ series | Yes | Yes | Yes |
| Power8 series | Yes | Yes | Yes |
| Power9 series | Yes | Yes | Yes |
| PowerPC 970MP series | Yes | Yes | Yes |

Linux - Red Hat/SUSE

| Processor architecture | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise |
|------------------------------|----------------------|-------------------------------------|---------------------------------------------------------|
| AMD Opteron architecture [1] | Yes | Yes | Yes |
| Intel EM64T architecture [1] | Yes | Yes | Yes |

1. Supports only the 64-bit versions of the software stacks.

Solaris

| Processor architecture | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise |
|-------------------------|----------------------|-------------------------------------|---------------------------------------------------------|
| SPARC M5 series [1] | Yes | Yes | Yes |
| SPARC M6 series [1] | Yes | Yes | Yes |
| SPARC M7 series [1] [2] | Yes | Yes | Yes |
| SPARC S7 series [1] | Yes | Yes | Yes |
| SPARC T3 series [1] | Yes | Yes | Yes |
| SPARC T4 series [1] | Yes | Yes | Yes |
| SPARC T5 series [1] | Yes | Yes | Yes |
| SPARC T7 series [1] [2] | Yes | Yes | Yes |
| SPARC64-V series | Yes | Yes | Yes |
| SPARC64-VI series | Yes | Yes | Yes |
| SPARC64-VII/VII+ series | Yes | Yes | Yes |
| SPARC64-X series [1] | Yes | Yes | Yes |
| SPARC64 X+ series [1] | Yes | Yes | Yes |
| SPARC64 XII series [1] | Yes | Yes | Yes |
| UltraSPARC II series | Yes | Yes | Yes |
| UltraSPARC III series | Yes | Yes | Yes |
| UltraSPARC IV series | Yes | Yes | Yes |

Solaris

| Processor architecture | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise |
|------------------------------|----------------------|-------------------------------------|---------------------------------------------------------|
| UltraSPARC T1 series [1] | Yes | Yes | Yes |
| UltraSPARC T2/T2+ series [1] | Yes | Yes | Yes |

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

2. eUSB device is not supported.

Unified Computing and Blade Platforms

All Unified Computing and Blade Platforms shown here were tested with drivers and firmware supported by the OS and storage manufacturers. Check with these manufacturers for:

- Minimum driver and firmware levels
- Specific driver and firmware support
- Support for the stated Veritas products
- Other functional options

Device Support

| Manufacturer | Platform/module | Connection |
|--------------|---------------------------|---------------------|
| Cisco | UCS Platform | FCoE M72KR-Q, 10GbE |
| HP | Virtual Connect Module | FC, 1GbE, 10GbE |
| Oracle | Sun Blade Modular Systems | FC, 1GbE, 10GbE |

Disk Arrays and Storage Devices

Storage arrays qualified with InfoScale Foundation and Availability or InfoScale Storage/Enterprise were tested with fencing enabled.

All storage configurations shown here were tested with drivers and firmware supported by the storage array vendors. Check with these vendors for:

- Minimum driver and firmware levels
- Specific driver and firmware support
- Support for the stated Veritas products
- Other functional options

Veritas supports hardware products listed here that include virtualization capability, but Veritas does not support compatibility issues that can be attributed to the virtualization feature. Veritas requires any compatibility issue to be reproduced in a non-virtualization environment. If the issue is confirmed to be related to Veritas products, Veritas will support its software at the same level as when that software is not running with hardware virtualization products. Veritas will cooperate with virtualization vendors, and attempt to assist in the diagnosis of problems found between the virtualization and Veritas products.

If the Device/family column in a table includes the qualifier **with PowerPath**, it means the storage array supports EMC PowerPath. If a row does not include the **with PowerPath** qualifier, PowerPath is not supported on that storage array.

Hardware-specific features like LUN Snapshot or Thin Reclamation are supported only if they are explicitly listed for the devices. When a hardware-specific feature is listed, it applies to all product stacks.

NOTE: For Active/Active (A/A) arrays, unless stated otherwise, Veritas supports the same Non-Disruptive Upgrade (NDU) operations that the storage vendor supports.

NOTE: Device must be formatted with 512-byte sector size for support.

For more information about the arrays in this HCL, including specific settings, see "Related Documents" in the Veritas InfoScale Foundation Solutions Hardware TechNote <<http://www.veritas.com/docs/TECH47728>>

Support Legend

| Term | Meaning | Definition |
|--------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yes | Supported | "Yes" or any other details imply the device is supported with the features listed, if any. |
| No | Not supported | "No" or the absence of any details imply the device is not supported for that product. |
| Fencing | Supported with fencing | Veritas I/O fencing is supported for Storage Foundation products. Veritas I/O fencing uses SCSI3 PGR capable devices to allow write access to members of the active cluster. If a split-brain condition occurs, Veritas I/O fencing blocks access to non-members and help in fencing out nodes to prevent data corruption. |
| Advanced Reporting | Advanced Reporting supported | Support reporting special properties of a LUN discovered by the Device Discovery Layer (DDL) that helps storage administration. See < http://www.veritas.com/docs/TECH231389 > for details. |

Support Legend

| Term | Meaning | Definition |
|------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NDU | NDU supported | Support for upgrading firmware/microcode on storage array controllers while applications are running on servers. |
| SAN Boot | SAN Boot supported | Support for booting a server from a multi-pathed storage array LUN and rootability on SAN LUNs. |
| Thin Reclamation | Thin Reclamation supported | Support for storage optimization by recovering blocks from deleted files or data. It supports WRITE_SAME, UNMAP, and TRIM/PTRIM depending upon the reclamation method supported by a given device. It adds the storage back to the storage thin pool. LUNs supported with thin reclamation are denoted by their Advanced Reporting attribute. See < http://www.veritas.com/docs/TECH231389 > for details. |

Modes

| Term | Meaning | Definition |
|-----------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Active/Active (A/A) | Array supported in Active/Active mode | A/A arrays support simultaneous I/O on all paths. |
| Active/Active-Asymmetric (A/A-A) | Array supported in Active/Active-Asymmetric mode | A/A-A arrays support simultaneous I/O on all paths, but seek the most optimized path for the I/O transmission rate. Asymmetric Logical Unit Access (ALUA) array support is also denoted by A/A-A. |
| Active/Passive (A/P) | Array supported in Active/Passive mode | A/P arrays in auto-trespass mode support I/O on a single primary (active) path, while the secondary (passive) path is engaged if the primary path fails. A/P implies A/P-C operation mode. |
| Active/Passive-Concurrent (A/P-C) | Array supported in Active/Passive-Concurrent mode | A/P-C arrays support I/O on multiple primary (active) paths, while the secondary (passive) paths are engaged if all primary paths fail. |
| Active/Passive-Failover (A/P-F) | Array supported in Active/Passive-Failover (explicit) mode | A/P-F arrays in explicit failover mode support I/O on a single primary (active) path, while the secondary (passive) path is engaged through the use of an explicit command if the primary path fails. |

Contents

[AIX](#)

[Linux \(Red Hat/Oracle/CentOS\)](#)

[Linux \(SUSE\)](#)

[Solaris](#)

[Device Family Membership](#)

AIX

NOTE: For details on specific PowerPath versions supported for storage Device/Family indicated "with PowerPath", see the EMC Support Matrices at <http://www.emc.com/interoperability> .

For details on Advanced Reporting support, see: <http://www.veritas.com/docs/TECH231389> .

For details on Thin Reclamation support, see: <http://www.veritas.com/docs/TECH231389> .

NOTE: DMP is supported in VIO server (VIOS), and VIO client (VIOC). All the arrays listed here are supported with DMP in VIO server or client with the 6.1 release.

NOTE: Array manufacturer Object Data Manager (ODM) definitions are required with MPIO disabled for DMP to manage multi-pathing. See: <http://www.veritas.com/docs/HOWTO21854> .

NOTE: For information on InfoScale Foundation DMP co-existence with OS native multi-pathing driver MPIO on AIX, see TechNote <http://www.veritas.com/docs/TECH51507> .

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| PowerMax series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix DMX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Symmetrix DMX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix VMAX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| Symmetrix VMAX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix VMAX series with AIX VIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Unity series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| Unity series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VMAX3/VMAX All Flash Family series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| VMAX3/VMAX All Flash Family series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VNX2 series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2e series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX2e series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VPLEX | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VPLEX with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| XtremIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| XtremIO with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|----------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------------------------|
| ETERNUS DX400/DX500/DX600 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS DX400/DX500/DX600 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------------------------|
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS DX8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS DX8000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS VS850 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| ETERNUS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| ETERNUS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

Generic

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FC JBOD | A/A | Yes | Yes | No | Fibre Channel | |
| FC JBOD | A/A-A | Yes | Yes | No | Fibre Channel | |
| SCSI JBOD | A/A | Yes | Yes | No | SCSI | |

Hewlett Packard Enterprise

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------------------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| 3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 Storage | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| P9500 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| XP7 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

Hitachi

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| HUS 100 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| HUS VM | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| SMS/AMS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| SMS/AMS2000 series with AIX VIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VSP | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP G series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP Gx00/Fx00 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP Gx00/Fx00 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Huawei

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| 18000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| 18000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| OceanStor Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| S5000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VIS series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

IBM

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------|-----------------------------------------------------|
| DS3950 | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| FlashSystem series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| Storwize series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| Storwize series with AIX VIO | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| System Storage DS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, PCIe | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage DS8000 series with AIX VIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| System Storage XIV series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot, Thin Reclamation |
| System Storage XIV series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Infinidat

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| InfiniBox F-Series with AIX VIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

NEC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| iStorage M series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

NetApp

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-----------------------------------------------------|
| AFF Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS2000/FAS900/FAS200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS3000/V3000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS6000/V6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS8000/FAS9000 Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Oracle

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-----------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Storage 6580/6780 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| StorageTek 2500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 6140 array | A/P | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9900 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| StorageTek 9985/9990 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| StorageTek 9985V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Sun Storage 6180 array | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Pure Storage

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------|
| FlashArray series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting |
| FlashArray series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Thin Reclamation |

Sun

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-----------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| StorageTek 6540 | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Violin Memory

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Violin 3000/6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| Violin 3000/6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |

Linux (Red Hat/Oracle/CentOS)

NOTE: For details on specific PowerPath versions supported for storage Device/Family indicated "with PowerPath", see the EMC Support Matrices at <http://www.emc.com/interoperability> .

For details on Advanced Reporting support, see: <http://www.veritas.com/docs/TECH231389> .

For details on Thin Reclamation support, see: <http://www.veritas.com/docs/TECH231389> .

NOTE: The DMP tunable `dmp_fast_recovery` needs to be set to off with iSCSI storage array configuration.

NOTE: With Oracle Linux, only supports RHEL compatible mode.

Amazon

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-------------|--------------------------------------|
| Elastic Block Store | A/A | Yes | Yes | Yes | Xen_Virtual | |
| Instance Store | A/A | Yes | Yes | Yes | Xen_Virtual | Advanced Reporting, Thin Reclamation |

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-----------------------------------------------------|
| CLARiiON AX series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| EqualLogic PS3000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| EqualLogic PS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| EqualLogic PS6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| PowerMax series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| PowerVault MD38xx Series | A/A-A | Yes | Yes, Fencing | No | Fibre Channel | |
| SC Series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|------------------------------------------------|
| ScaleIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix DMX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Symmetrix VMAX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| Symmetrix VMAX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Unity series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| Unity series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VMAX3/VMAX All Flash Family series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VMAX3/VMAX All Flash Family series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | |
| VNX series with PowerPath | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX2 series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2e series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX2e series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VPLEX | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VPLEX with PowerPath | A/A | Yes | Yes, Fencing | Yes | Fibre Channel | |

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|--------------------------------------|
| WD 7502ABYS | A/A | Yes | Yes, Fencing | Yes | SATA | |
| XtremIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, Thin Reclamation |
| XtremIO with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| ETERNUS DX400/DX500/DX600 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX400/DX500/DX600 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS VS850 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|--------------------------------------|
| ETERNUS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| ETERNUS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, Thin Reclamation |
| ETERNUS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

Generic

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FC JBOD | A/A | Yes | Yes | No | Fibre Channel | |
| FC JBOD | A/A-A | Yes | Yes | No | Fibre Channel | |
| SCSI JBOD | A/A | Yes | Yes | No | SCSI | |

Hewlett Packard Enterprise

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| 3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 Storage | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| MK0200GEYKC | A/A | Yes | Yes | Yes | SATA | |
| MSA 1040 SAN | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| MSA 2040 SAN | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Hewlett Packard Enterprise

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| MSA 2050 Storage | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| MSA2000fc series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| MSA2012sa | A/A-A | Yes | Yes | No | SAS | |
| P9500 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| XP7 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

Hitachi

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|----------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|------------------------------------------------|
| HUS 100 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| HUS VM | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| SMS/AMS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting |
| VSP | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP 5000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| VSP G series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, Thin Reclamation |
| VSP Gx00/Fx00 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Huawei

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|--------------------------------------|
| 18000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| 18000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| ES3000 V2 | A/A | Yes | Yes, Fencing | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| OceanStor Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, Thin Reclamation |
| S5000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VIS series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

IBM

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------------|-----------------------------------------------------|
| FlashSystem series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, InfiniBand | Advanced Reporting, NDU, SAN Boot |
| Storwize series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage DS3000 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI, SAS | |
| System Storage DS3500 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, SAS | SAN Boot |
| System Storage DS3500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, SAS | Advanced Reporting |
| System Storage DS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage XIV series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| System Storage XIV series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Imation

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Nexsan E-Series Systems | A/A-A | Yes | Yes, Fencing | No | Fibre Channel | |

Infinidat

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| InfiniBox F-Series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| InfiniBox F-Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Thin Reclamation |

Intel

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|-------------------|
| DC P3700 | A/A | Yes | Yes, Fencing | Yes | PCIe | |
| SSD 910 | A/A | Yes | No | No | PCIe | |

Kaminario

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| K2 | A/A | Yes | Yes, Fencing | No | Fibre Channel | |

KOVE

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|------------|-------------------|
| EMX | A/A | Yes | Yes, Fencing | Yes | InfiniBand | |

MacroSAN

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------------------------------|
| MS series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, Thin Reclamation |

Micron

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|-------------------|
| MTFDHAX1T6MCE-1A | A/A | Yes | No | Yes | PCIe | |

Microsoft

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|-------------------|
| Azure | A/A | Yes | No | Yes | Ethernet | |

NEC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------|
| iStorage D1/D3 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| iStorage D8 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| iStorage M series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| iStorage M5000 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix DMX-4 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot |
| Symmetrix DMX-4 with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix VMAX | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting |
| Symmetrix VMAX with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

NetApp

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------------|-----------------------------------------------------|
| AFF Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| E_SERIES | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, InfiniBand | Advanced Reporting, NDU |
| FAS2000/FAS900/FAS200 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS2000/FAS900/FAS200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | FCoE, Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS3000/V3000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS3000/V3000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | FCoE, Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS6000/V6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS6000/V6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | FCoE, Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

NetApp

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------|-----------------------------------------------------|
| FAS8000/FAS9000 Series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS8000/FAS9000 Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | FCoE, Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Nexsan

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Beast Systems | A/A-A | Yes | Yes, Fencing | No | Fibre Channel | |

NimbleStorage

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------------------------------|
| CS/AF-Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, Thin Reclamation |

Oracle

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------------|-------------------------|
| FS1-2 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| FS1-2 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Storage 6580/6780 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU |
| StorageTek 2500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI, SAS | |
| StorageTek 6140 array | A/P | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9900 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9985/9990 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9985V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9990V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Sun Storage 6180 array | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| ZFS Storage Appliance series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU |

Pure Storage

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------------------------|
| FlashArray series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| FlashArray series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Thin Reclamation |

Samsung

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|-------------------|
| PM1725 | A/A | Yes | No | No | PCIe | |

SanDisk

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-----------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------------|------------------------------------------------|
| ioDrive | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| ioDrive Duo | A/A | Yes | No | No | PCIe | Advanced Reporting, AtomicIO, Thin Reclamation |
| ioDrive2 | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, AtomicIO, Thin Reclamation |
| ioMemory PX600 series | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| ioMemory SX300 series | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| ioMemory SX350 series | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| ION Data Accelerator | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, InfiniBand | NDU |
| ioScale2 | A/A | Yes | No | No | PCIe | Advanced Reporting, Thin Reclamation |

Shannon

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|-------------------|
| Direct-IO | A/A | Yes | Yes, Fencing | Yes | PCIe | |

sTec

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|--------------------|
| s1120 | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting |

StorageTek

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FlexLine 200/300 series | A/P | Yes | Yes | No | Fibre Channel | |

Sun

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| StorEdge 3510/3511 | A/A | Yes | Yes, Fencing | No | Fibre Channel | |

Violin Memory

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-----------------------------------|
| Violin 3000/6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot |
| Violin 3000/6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |

Linux (SUSE)

NOTE: For details on specific PowerPath versions supported for storage Device/Family indicated "with PowerPath", see the EMC Support Matrices at <http://www.emc.com/interoperability> .

For details on Advanced Reporting support, see: <http://www.veritas.com/docs/TECH231389> .

For details on Thin Reclamation support, see: <http://www.veritas.com/docs/TECH231389> .

NOTE: The DMP tunable `dmp_fast_recovery` needs to be set to off with iSCSI storage array configuration.

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| EqualLogic PS3000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| EqualLogic PS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| EqualLogic PS6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| SC Series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, Thin Reclamation |
| ScaleIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix DMX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Symmetrix DMX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix VMAX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| Symmetrix VMAX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Unity series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Unity series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VMAX3/VMAX All Flash Family series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VMAX3/VMAX All Flash Family series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-----------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|------------------------------------------------|
| VNX series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX2 series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2e series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2e series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VPLEX | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VPLEX with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| WD 7502ABYS | A/A | Yes | Yes | Yes | SATA | |
| XtremIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | |
| XtremIO with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|----------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| ETERNUS DX400/DX500/DX600 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX400/DX500/DX600 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|----------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS VS850 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| ETERNUS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| ETERNUS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| ETERNUS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| FibreCAT SX80/100 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Generic

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FC JBOD | A/A | Yes | Yes | No | Fibre Channel | |
| FC JBOD | A/A-A | Yes | Yes | No | Fibre Channel | |
| SCSI JBOD | A/A | Yes | Yes | No | SCSI | |

Hewlett Packard Enterprise

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|---------------------------------------------------|
| 3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 Storage | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| MSA 1040 SAN | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| MSA 2040 SAN | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| MSA2000fc series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| MSA2012sa | A/A-A | Yes | Yes | No | SAS | |
| P9500 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| XP7 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Hitachi

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|----------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| HUS 100 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| HUS VM | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| SMS/AMS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VSP | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP G series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP Gx00/Fx00 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Huawei

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------------------------|
| 18000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| 18000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| OceanStor Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| S5000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VIS series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

IBM

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|-----------------------------------------------------|
| DS3950 | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| FlashSystem series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| Storwize series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage DS3000 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, SAS | |
| System Storage DS3500 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, SAS | Advanced Reporting, SAN Boot |
| System Storage DS3500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting |
| System Storage DS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage XIV series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| System Storage XIV series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Infotrend

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| ESVA-F75-2830 | A/A-A | Yes | Yes, Fencing | No | Fibre Channel | NDU |

Intel

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|--------------------|
| DC P3700 | A/A | Yes | Yes, Fencing | Yes | PCIe | |
| SSD 910 | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting |

NetApp

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-----------------------------------------------------|
| AFF Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| E_SERIES | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU |
| FAS2000/FAS900/FAS200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS3000/V3000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS6000/V6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS8000/FAS9000 Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Oracle

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-----------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------------|-------------------------|
| FS1-2 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Storage 6580/6780 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| StorageTek 2500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI, SAS | |
| StorageTek 6140 array | A/P | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9900 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9985/9990 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9985V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9990V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Sun Storage 6180 array | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU |

Pure Storage

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------------------------|
| FlashArray series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

SanDisk

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-----------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|--------------------------------------|
| ioDrive | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| ioDrive2 | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting, Thin Reclamation |
| ioMemory PX600 series | A/A | Yes | No | No | PCIe | Advanced Reporting, Thin Reclamation |
| ION Data Accelerator | A/A-A | Yes | Yes, Fencing | No | Fibre Channel | |

sTec

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|-----------|--------------------|
| s1120 | A/A | Yes | Yes | Yes | PCIe | Advanced Reporting |

StorageTek

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FlexLine 200/300 series | A/P | Yes | Yes | No | Fibre Channel | |

Violin Memory

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------|
| Violin 3000/6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot |

Solaris

NOTE: For details on specific PowerPath versions supported for storage Device/Family indicated "with PowerPath", see the EMC Support Matrices at <http://www.emc.com/interoperability> .

For details on Advanced Reporting support, see: <http://www.veritas.com/docs/TECH231389> .

For details on Thin Reclamation support, see: <http://www.veritas.com/docs/TECH231389> .

NOTE: Direct-Attach (no switch) Configurations:

- All array types are supported in direct-attach configurations with InfoScale Foundation and Availability products.
- A/A type arrays are supported in direct-attach configurations with the InfoScale Storage and InfoScale Enterprise products.
- Inquire with the array manufacturer for specific limitations of use.

NOTE: For information on InfoScale Foundation DMP co-existence with OS native multi-pathing driver MPxIO on Solaris, see TechNote <http://www.veritas.com/docs/TECH204060> .

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| EqualLogic PS3000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| EqualLogic PS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| EqualLogic PS6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| SC Series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix DMX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Symmetrix DMX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix VMAX series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| Symmetrix VMAX series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Unity series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| Unity series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Dell EMC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|-----------------------------------------------------|
| VMAX3/VMAX All Flash Family series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VMAX3/VMAX All Flash Family series with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| VNX series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| VNX series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX series with PowerPath | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | |
| VNX2 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VNX2 series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VNX2e series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VNX2e series with PowerPath | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VPLEX | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| VPLEX with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| XtremIO | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | |
| XtremIO with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Fujitsu

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| ETERNUS DX400/DX500/DX600 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX400/DX500/DX600 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 S3/S4 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS DX8000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS VS850 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| ETERNUS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| ETERNUS4000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| ETERNUS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| FibreCAT SX80/100 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Generic

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FC JBOD | A/A | Yes | Yes | No | Fibre Channel | |
| FC JBOD | A/A-A | Yes | Yes | No | Fibre Channel | |
| SAS JBOD | A/A | Yes | Yes | No | SAS | |
| SCSI JBOD | A/A | Yes | Yes | No | SCSI | |

Hewlett Packard Enterprise

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------------------------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|---------------------------------------------------|
| 3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 Storage | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| P9500 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| XP10000/12000 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| XP20000/24000 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| XP7 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |

Hitachi

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|----------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| HUS 100 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| HUS VM | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, Thin Reclamation |
| SMS/AMS2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Thin Reclamation |
| VSP | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP 5000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| VSP G series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| VSP Gx00/Fx00 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |

Huawei

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------------------------|
| 18000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| OceanStor Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| S5000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| VIS series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

IBM

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|----------------------|-----------------------------------------------------|
| DS3950 | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| FlashSystem series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| Storwize series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage DS3500 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, SAS | SAN Boot |
| System Storage DS3500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, SAS | |
| System Storage DS8000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot, Thin Reclamation |
| System Storage XIV series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot, Thin Reclamation |
| System Storage XIV series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Imation

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Nexsan E-Series Systems | A/A-A | Yes | Yes | No | Fibre Channel | |

Infinidat

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| InfiniBox F-Series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Kaminario

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| K2 | A/A | Yes | Yes, Fencing | No | Fibre Channel | |

NEC

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|------------------------------|
| iStorage D1/D3 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| iStorage D8 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| iStorage M series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| iStorage M5000 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| iStorage S1000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| iStorage S2000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix DMX-4 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, SAN Boot |
| Symmetrix DMX-4 with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Symmetrix VMAX | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting |
| Symmetrix VMAX with PowerPath | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

NetApp

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-----------------------------------------------------|
| AFF Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS2000/FAS900/FAS200 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS2000/FAS900/FAS200 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS3000/V3000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS3000/V3000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS6000/V6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS6000/V6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FAS8000/FAS9000 Series | A/A | Yes | Yes, Fencing | Yes, Fencing | iSCSI | |
| FAS8000/FAS9000 Series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |

Nexsan

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|---------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Beast Systems | A/A-A | Yes | Yes, Fencing | No | Fibre Channel | |

Oracle

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|------------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------------------|----------------------------|
| Axiom series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| F320 | A/A | Yes | No | Yes | PCIe | |
| F40 | A/A | Yes | No | No | PCIe | |
| F80 | A/A | Yes | No | Yes | PCIe | |
| FS1-2 | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| Storage 6580/6780 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| StorageTek 2500 series | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI, SAS | |
| StorageTek 6140 array | A/P | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| StorageTek 9900 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 9985/9990 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |
| StorageTek 9985V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot, Thin Reclamation |
| StorageTek 9990V system | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot, Thin Reclamation |
| Sun Storage 6180 array | A/P-F | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU |
| ZFS Storage Appliance series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel, iSCSI | NDU |

Pure Storage

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-----------------------------------------------------|
| FlashArray series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Advanced Reporting, NDU, SAN Boot, Thin Reclamation |
| FlashArray series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | Thin Reclamation |

StorageTek

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| FlexLine 200/300 series | A/P | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Sun

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|--------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| StorageTek 3310 | A/A | Yes | Yes, Fencing | Yes, Fencing | SCSI | |
| StorageTek 3320 | A/A | Yes | Yes, Fencing | Yes, Fencing | SCSI | |
| StorageTek 6130 | A/P | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |
| StorageTek 6540 | A/P-F | Yes | Yes, Fencing | No | Fibre Channel | |
| StorEdge 3510/3511 | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | |

Violin Memory

| Device/Family | Mode | InfoScale Foundation | InfoScale Foundation + Availability | InfoScale Storage / Storage + Availability / Enterprise | Interface | Advanced Features |
|-------------------------|-------|----------------------|-------------------------------------|---------------------------------------------------------|---------------|-------------------|
| Violin 3000/6000 series | A/A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | NDU, SAN Boot |
| Violin 3000/6000 series | A/A-A | Yes | Yes, Fencing | Yes, Fencing | Fibre Channel | SAN Boot |

Device Family Membership

Dell EMC

| Device Family | Members |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CLARiiON AX series | Celerra NX4, CLARiiON AX100, CLARiiON AX4 |
| EqualLogic PS3000 series | EqualLogic PS3000E, EqualLogic PS3000X, EqualLogic PS3000XV |
| EqualLogic PS4000 series | EqualLogic PS4000E, EqualLogic PS4000X, EqualLogic PS4000XV, EqualLogic PS4100E, EqualLogic PS4100X, EqualLogic PS4100XV, EqualLogic PS4100XV3.5" |
| EqualLogic PS6000 series | EqualLogic PS6000E, EqualLogic PS6000S, EqualLogic PS6000X, EqualLogic PS6000XV, EqualLogic PS6000XVS, EqualLogic PS6010E, EqualLogic PS6010S, EqualLogic PS6010X, EqualLogic PS6010XV, EqualLogic PS6010XVS, EqualLogic PS6100E, EqualLogic PS6100X, EqualLogic PS6100XV, EqualLogic PS6100XV3.5", EqualLogic PS6500E, EqualLogic PS6500X, EqualLogic PS6500XV, EqualLogic PS6510E, EqualLogic PS6510X, EqualLogic PX6100S, EqualLogic PX6100XS |
| PowerMax series | PowerMax 2000, PowerMax 8000 |
| PowerVault MD38xx Series | PowerVault MD3800f |
| SC Series | SC4000, SC4020, SC8000, SC9000, SCv2000 |
| Symmetrix DMX series | Symmetrix DMX 1000, Symmetrix DMX 2000, Symmetrix DMX 3000, Symmetrix DMX 800, Symmetrix DMX-3, Symmetrix DMX-4 |
| Symmetrix VMAX series | Symmetrix VMAX, Symmetrix VMAXe |
| Unity series | Unity 300, Unity 300F, Unity 350F, Unity 400, Unity 400F, Unity 450F, Unity 500, Unity 500F, Unity 550F, Unity 600, Unity 600F, Unity 650F, Unity VSA |
| VMAX3/VMAX All Flash Family series | VMAX 250F, VMAX 250FX, VMAX 450F, VMAX 450FX, VMAX 850F, VMAX 850FX, VMAX 950F, VMAX 950FX, VMAX3 |
| VNX series | VNX 5100, VNX 5300, VNX 5500, VNX 5700, VNX 7500 |
| VNX2 series | VNX5200, VNX5400, VNX5600, VNX5800, VNX7600, VNX8000 |
| VNX2e series | VNXe1600, VNXe3200 |

Fujitsu

| Device Family | Members |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ETERNUS DX400/DX500/DX600 series | ETERNUS AF650, ETERNUS AF650 S2, ETERNUS AF650 S3, ETERNUS DX410, ETERNUS DX410 S2, ETERNUS DX440, ETERNUS DX440 S2, ETERNUS DX500 S3, ETERNUS DX500 S4, ETERNUS DX500 S5, ETERNUS DX600 S3, ETERNUS DX600 S4, ETERNUS DX600 S5 |
| ETERNUS DX60/DX80/DX90/DX100/DX200 series | ETERNUS AF150 S3, ETERNUS AF250, ETERNUS AF250 S2, ETERNUS AF250 S3, ETERNUS DX100 S3, ETERNUS DX100 S4, ETERNUS DX100 S5, ETERNUS DX200 S3, ETERNUS DX200 S4, ETERNUS DX200 S5, ETERNUS DX200F, ETERNUS DX60, ETERNUS DX60 S2, ETERNUS DX60 S3, ETERNUS DX60 S4, ETERNUS DX60 S5, ETERNUS DX80, ETERNUS DX80 S2, ETERNUS DX90, ETERNUS DX90 S2 |
| ETERNUS DX8000 S3/S4 series | ETERNUS DX8700 S3, ETERNUS DX8900 S3, ETERNUS DX8900 S4, ETERNUS DX900 S5 |
| ETERNUS DX8000 series | ETERNUS DX8100, ETERNUS DX8100 S2, ETERNUS DX8400, ETERNUS DX8700, ETERNUS DX8700 S2 |
| ETERNUS2000 series | ETERNUS2000 Model 100, ETERNUS2000 Model 200, ETERNUS2000 Model 50 |
| ETERNUS4000 series | ETERNUS4000 Model 100, ETERNUS4000 Model 300, ETERNUS4000 Model 400, ETERNUS4000 Model 500, ETERNUS4000 Model 600, ETERNUS4000 Model 80 |
| ETERNUS8000 series | ETERNUS8000 Model 1100, ETERNUS8000 Model 1200, ETERNUS8000 Model 2100, ETERNUS8000 Model 2200, ETERNUS8000 Model 700, ETERNUS8000 Model 800, ETERNUS8000 Model 900 |
| FibreCAT SX80/100 series | FibreCAT SX100, FibreCAT SX80 |

Hewlett Packard Enterprise

| Device Family | Members |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 Storage | 3PAR F200 Storage, 3PAR F400 Storage, 3PAR StoreServ 10400 Storage, 3PAR StoreServ 10800 Storage, 3PAR StoreServ 20450 Storage, 3PAR StoreServ 20450R2 Storage, 3PAR StoreServ 20800 Storage, 3PAR StoreServ 20850 Storage, 3PAR StoreServ 20850R2 Storage, 3PAR StoreServ 7200 Storage, 3PAR StoreServ 7400 Storage, 3PAR StoreServ 7450 Storage, 3PAR StoreServ 8200 Storage, 3PAR StoreServ 8400 Storage, 3PAR StoreServ 8440 Storage, 3PAR StoreServ 8450 Storage, 3PAR StoreServ 9450 Storage, 3PAR T400 Storage, 3PAR T800 Storage |
| MSA 2050 Storage | MSA 2050 SAN, MSA 2050 SAS, MSA 2052 SAN, MSA 2052 SAS |
| MSA2000fc series | MSA2012fc, MSA2212fc |
| XP10000/12000 | XP10000, XP12000 |
| XP20000/24000 | XP20000, XP24000 |

Hitachi

| Device Family | Members |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HUS 100 series | HUS110, HUS130, HUS150 |
| SMS/AMS2000 series | AMS2100, AMS2300, AMS2500, SMS100 |
| VSP 5000 series | VSP 5100, VSP 5100H, VSP 5500, VSP 5500H |
| VSP G series | VSP F1500, VSP G1000, VSP G1500 |
| VSP Gx00/Fx00 series | VSP F350, VSP F370, VSP F400, VSP F600, VSP F700, VSP F800, VSP F900, VSP G130, VSP G150, VSP G200, VSP G350, VSP G370, VSP G400, VSP G600, VSP G700, VSP G800, VSP G900 |

Huawei

| Device Family | Members |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18000 series | 18500, 18800, 18800F, HVS85T, HVS88T |
| ES3000 V2 | ES3000 V2-1200, ES3000 V2-1200H, ES3000 V2-1600, ES3000 V2-2400H, ES3000 V2-3200H, ES3000 V2-600, ES3000 V2-800 |
| OceanStor Series | Dorado2100, Dorado2100G2, Dorado5100, OceanStor 18500 V3, OceanStor 18500 V5, OceanStor 18500F V5, OceanStor 18800 V3, OceanStor 18800 V5, OceanStor 18800F V5, OceanStor 2100 V3, OceanStor 2200 V3, OceanStor 2600 V3, OceanStor 5300 V3, OceanStor 5300 V5, OceanStor 5300F V5, OceanStor 5500 V3, OceanStor 5500 V5, OceanStor 5500F V5, OceanStor 5600 V3, OceanStor 5600 V5, OceanStor 5600F V5, OceanStor 5800 V3, OceanStor 5800 V5, OceanStor 5800F V5, OceanStor 6800 V3, OceanStor 6800 V5, OceanStor 6800F V5, OceanStor 6900 V3, OceanStor Dorado18000 V3, OceanStor Dorado5000 V3, OceanStor Dorado6000 V3, S2200T, S2600T, S2600T V2, S3900-M100, S3900-M200, S3900-M300, S5500T, S5500T V2, S5600T, S5600T V2, S5800T, S5800T V2, S5900-M100, S5900-M200, S6800T, S6800T V2, S6900-M100 |
| S5000 series | S2100, S2300, S2300E, S2600, S5100, S5300, S5500, S5600, S6800E, V1500, V1800 |
| VIS series | S8000, VIS6000, VIS6000T |

IBM

| Device Family | Members |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FlashSystem series | FlashSystem 710, FlashSystem 820, FlashSystem 840, FlashSystem 900 |
| Storwize series | FlashSystem V9000, SANVC(2145), Storwize V3500, Storwize V3700, Storwize V5000, Storwize V5010, Storwize V5020, Storwize V5030, Storwize V7000, Storwize V7000 Unified |
| System Storage DS3000 series | DS3200, DS3300, DS3400 |
| System Storage DS3500 series | DCS3700, DS3512, DS3524 |
| System Storage DS8000 series | DS8000, DS8100, DS8300, DS8700, DS8800, DS8870, DS8880 |
| System Storage XIV series | FlashSystem A9000, FlashSystem A9000R, XIV Storage System, XIV Storage System Gen3 |

Imation

| Device Family | Members |
|-------------------------|------------------------------------|
| Nexsan E-Series Systems | Nexsan E18, Nexsan E48, Nexsan E60 |

Infinidat

| Device Family | Members |
|--------------------|---------------------------------------------------|
| InfiniBox F-Series | InfiniBox F2000, InfiniBox F4000, InfiniBox F6000 |

MacroSAN

| Device Family | Members |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MS series | MS2500, MS2500G2, MS2500G2-AF, MS3000, MS3000G2, MS3000G2-AF, MS3000G2-AFT, MS3000G2-V4, MS5000, MS5500, MS5500-AF, MS5500E, MS5500E-AF, MS5500G2, MS5500G2-AF, MS5500G2-AFT, MS700-Mach, MS7000, MS7000-AF, MS7000-AFT, MS7000-V4, MS7000G2, MS7000G2-AF, MS7000G2-AFT, MS7000G2-Mach, MS7000G2-V4, MS7020 |

NEC

| Device Family | Members |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| iStorage D1/D3 series | iStorage D1-10, iStorage D1-30, iStorage D1-30i, iStorage D3-10, iStorage D3-10i, iStorage D3-30, iStorage D3-30i, iStorage D4-30, iStorage D4-30i |
| iStorage D8 series | iStorage D8-10, iStorage D8-20, iStorage D8-30 |
| iStorage M series | iStorage M100, iStorage M10e, iStorage M110, iStorage M11e, iStorage M120, iStorage M12e, iStorage M300, iStorage M310, iStorage M310F, iStorage M320, iStorage M320F, iStorage M500, iStorage M510, iStorage M700, iStorage M710, iStorage M710F |
| iStorage S1000 series | iStorage S1100, iStorage S1300, iStorage S1400, iStorage S1500 |
| iStorage S2000 series | iStorage S2100, iStorage S2300, iStorage S2400, iStorage S2500, iStorage S2800, iStorage S2900 |

NetApp

| Device Family | Members |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AFF Series | AFF 8020, AFF 8040, AFF 8060, AFF 8080EX, AFF A200, AFF A220, AFF A300, AFF A320, AFF A700, AFF A700s, AFF A800, AFF C190 |
| E_SERIES | E2600, E2700, E2800, E5400, E5500, E5600, E5612, E5624, E5660, E5700, EF540, EF550, EF560, EF570 |
| FAS2000/FAS900/FAS200 series | FAS2020, FAS2040, FAS2050, FAS2220, FAS2240-2, FAS2240-4, FAS250, FAS2520, FAS2552, FAS2554, FAS2620, FAS2650, FAS270, FAS2720, FAS2750, FAS920, FAS940, FAS960, FAS980 |
| FAS3000/V3000 series | FAS3020, FAS3040, FAS3050, FAS3070, FAS3140, FAS3160, FAS3170, FAS3210, FAS3220, FAS3240, FAS3250, FAS3270, V3020, V3040, V3050, V3070, V3140, V3160, V3170, V3210, V3220, V3240, V3250, V3270 |
| FAS6000/V6000 series | FAS6030, FAS6040, FAS6070, FAS6080, FAS6210, FAS6220, FAS6240, FAS6250, FAS6280, FAS6290, V6030, V6040, V6070, V6080, V6210, V6220, V6240, V6250, V6280, V6290 |

NetApp

| Device Family | Members |
|------------------------|--------------------------------------------------------|
| FAS8000/FAS9000 Series | FAS8020, FAS8040, FAS8060, FAS8080EX, FAS8200, FAS9000 |

Nexsan

| Device Family | Members |
|---------------|---------------------------------|
| Beast Systems | SASBeast, SATABeast, SATABeast2 |

NimbleStorage

| Device Family | Members |
|---------------|------------------------------------------------------------------------|
| CS/AF-Series | AF3000, AF5000, AF60, AF7000, AF80, AF9000, CS235, CS300, CS500, CS700 |

Oracle

| Device Family | Members |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Axiom series | Axiom 300, Axiom 500, Axiom 600 |
| Storage 6580/6780 series | Sun Storage 6580 array, Sun Storage 6780 array |
| StorageTek 2500 series | StorageTek 2510 array, StorageTek 2530 array, StorageTek 2540 array, Sun Storage 2530-M2 array, Sun Storage 2540-M2 array |
| StorageTek 9900 series | StorageTek 9970 array, StorageTek 9980 array |
| StorageTek 9985/9990 series | StorageTek 9985 system, StorageTek 9990 system |
| ZFS Storage Appliance series | ZFS Storage 7110, ZFS Storage 7120, ZFS Storage 7210, ZFS Storage 7310, ZFS Storage 7320, ZFS Storage 7410, ZFS Storage 7420, ZFS Storage ZS3-2, ZFS Storage ZS3-4, ZFS Storage ZS4-4, ZFS Storage ZS5-2, ZFS Storage ZS5-4 |

Pure Storage

| Device Family | Members |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FlashArray series | FA-400, FA-405, FA-420, FA-450, FlashArray //X10, FlashArray //X20, FlashArray //X50, FlashArray //X90, FlashArray//m10, FlashArray//m20, FlashArray//m50, FlashArray//m70, FlashArray//x70 |

SanDisk

| Device Family | Members |
|-----------------------|------------------------------------------------------------------------------------|
| ioMemory PX600 series | ioMemory PX600-1000, ioMemory PX600-1300, ioMemory PX600-2600, ioMemory PX600-5200 |
| ioMemory SX300 series | ioMemory SX300-1300, ioMemory SX300-1600, ioMemory SX300-3200, ioMemory SX300-6400 |
| ioMemory SX350 series | ioMemory SX350-1300, ioMemory SX350-1600, ioMemory SX350-3200, ioMemory SX350-6400 |

StorageTek

| Device Family | Members |
|-------------------------|----------------------------------|
| FlexLine 200/300 series | FlexLine FLX280, FlexLine FLX380 |

Sun

| Device Family | Members |
|--------------------|----------------------------------|
| StorEdge 3510/3511 | StorageTek 3510, StorageTek 3511 |

Violin Memory

| Device Family | Members |
|-------------------------|------------------------------------------------------------|
| Violin 3000/6000 series | 3120, 3202, 3205, 3210, 3220, 6212, 6232, 6264, 6606, 6616 |

Host Bus Adapters

The information presented here does not refer to specific host bus adapter (HBA) models or architectures. Unless stated otherwise, InfoScale Foundation supports all the HBAs that are supported by the OS and storage array manufacturers listed here. InfoScale Foundation includes support for Fibre Channel over Ethernet (FCoE) Converged Network Adapters (CNAs), but not iSCSI HBAs. For the required HBA BIOS/firmware and driver versions, see the operating system and storage array manufacturers' hardware compatibility support matrices.

The information presented here is only to add exceptions for HBA models that have issues and are therefore not supported by the InfoScale Foundation products listed. For supported iSCSI initiator versions, see the table below. For details on configuring the iSCSI software initiator, see <http://www.veritas.com/docs/TECH62838> .

iSCSI Support

| OS | iSCSI software initiator version |
|-------------|----------------------------------|
| SLES 11 [1] | 2.0.707 or above |

1. For SLES 11SP1, the `node.session.timeo.replacement_timeout` tunable needs to be set to 40 or above.

Generic RAID SCSI/SAS/e-SATA Controller (Internal Card With External Storage Attached)

All RAID SCSI/SAS/e-SATA Controllers shown here were tested with drivers and firmware supported by the OS and the storage vendors. Check with these vendors for:

- Minimum driver and firmware levels
- Specific driver and firmware support
- Support for the stated Veritas products
- Other functional options

NOTE: Mode page 83 SCSI inquiry and native OS SCSI driver support are required. For more details, check with the hardware manufacturer. Veritas recommends adding SCSI3 conformant disk support.

Switches

The information presented here does not refer to specific switch models or architectures.

Unless stated otherwise, InfoScale Foundation supports all Fibre Channel switches that are supported by the OS and storage array manufacturers listed here. For the required BIOS/firmware and driver versions for the switches, see the operating system and storage array manufacturers' hardware compatibility support matrices.

The information presented here is only to add exceptions for switch models that have issues and are therefore not supported by the InfoScale Foundation products listed.