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.feedback_submit { transform: translateX(280px) translateY(0px); font-weight: bold; } #tofeedback{ margin-top: 2px !important; color:#0057B8 !important; font-weight:600 !important; }
```

Installation and Upgrade Checklist Report for InfoScale Foundation 7.1, Windows Server 2008 R2, x86-64

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Required number of CPUs: 1 Recommended speed of CPUs: 1GHz AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support processor or faster. Required memory: 1GB of RAM Required disk space:	
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▼ Patches for InfoScale Foundation and Platform

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Product (recommended)

Patch

[infoscale-win_x64-7.1.07010.448](#)

Date

2018-08-27

Size

684.61 KB

Platform (required)

No patches required.

▼ End of Support Life information

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

Release Date(GA)	Extended Support Starts	Sustaining Support Starts	End of Support Life Date(EOSL)
2016-05-01	2021-11-07	2024-01-31	-

▼ Platform configuration

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Tested and supported editions:

Edition Version Notes Windows Server 2008 R2 Standard, Enterprise and Datacenter Edition GA,SP1 The support for Windows 2008 R2 Standard or Datacenter includes Server Core versions. Please note that client components cannot be installed on server core systems.

Compatible and supported editions, but not tested by Veritas:

Edition Version Notes Windows Server 2008 R2 Web and Storage Edition GA,SP1 The support for Windows 2008 R2 Web includes Server Core versions. Please note that client components cannot be installed on server core systems. DMP Option is not supported on Windows Server 2008 R2 Web because Microsoft does not have the MPIO Component on this edition.

Related documentation

[Windows Server 2008 R2 documentation](#)

▼ Host bus adapter (HBA) parameters and switch parameters

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Unless otherwise stated in the hardware compatibility list (HCL), the specified Veritas product supports all fibre channel and iSCSI HBAs and fibre channel switches supported by the platform and storage array manufacturers. For more details, click the link to the [HCL](#).

HBA Support:

OS HBA model iSCSI software initiator version Microsoft Windows Microsoft iSCSI Software Initiator [1] 2.07 or above Note 1: The Microsoft iSCSI Software Initiator is supported on any Ethernet NIC card that is supported by the Microsoft iSCSI Software Initiator. In general, the Microsoft iSCSI initiator version listed on the HCL has been tested and qualified at the time of the SFW HA release. However, Veritas will support customers utilizing a newer version. Check with Microsoft on the most current and supported release of the iSCSI initiator. Recommended Microsoft iSCSI Software Initiator setting for adding a new target is to specifically select the adapter and port of the NIC configured for the iSCSI connection instead of selecting the default adapter. There is no DMP support for the Microsoft iSCSI Software Initiator unless an MPIO DSM is available for the specific array.

▼ Operations Manager

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Veritas InfoScale Operations Manager gives you a single, centralized management console for the InfoScale products. You can use it to monitor, visualize, and manage storage and cluster resources, and generate reports about these components in the Management Server domain. It can also help administrators centrally manage diverse data center environments. This section lists the documents for Veritas InfoScale Operations Manager 8.0.2.

Documentation

▼ Array parameters

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Dell EMC

ArrayModelInterfaceNoteCelerra seriesA/A-AFibre Channel Celerra seriesA/P-CFibre Channel CLARiiON AX seriesA/A-AFibre Channel* Supports CLARiiON AX4 only. CLARiiON AX seriesA/A-AiSCSI* Supports CLARiiON AX4 only. CLARiiON AX series with PowerPathA/A-AFibre Channel* Supports CLARiiON AX4 only. CLARiiON AX series with PowerPathA/A-AiSCSI* Supports CLARiiON AX4 only. CLARiiON AX seriesA/P-CFibre Channel* Supports CLARiiON AX4 only. CLARiiON AX seriesA/P-CiSCSI* Supports CLARiiON AX4 only. CLARiiON AX series with PowerPathA/P-CFibre Channel* Supports CLARiiON AX4 only. CLARiiON AX series with PowerPathA/P-CiSCSI* Supports CLARiiON AX4 only. CLARiiON CX4 seriesA/A-AFibre Channel CLARiiON CX4 seriesA/A-AiSCSI CLARiiON CX4 series with PowerPathA/A-AiSCSI CLARiiON CX4 seriesA/P-CFibre Channel CLARiiON CX4 seriesA/P-CiSCSI CLARiiON CX4 series with PowerPathA/P-CFibre Channel CLARiiON CX4 series with PowerPathA/P-CiSCSI EqualLogic PS5000 seriesA/AiSCSI* There is a known problem of IO hang sometimes when a NIC port is disabled on the Switch. Also, it is recommended to use 2 NICs for private heartbeat and a separate NIC for public-mix use or client-only use in MSCS environments due to a known issue when Private NICs are used for private heartbeat and other types of traffic. EqualLogic PS6000 seriesA/AiSCSI PowerMax seriesA/AFibre Channel PowerVault MD32xx SeriesA/P-CiSCSI PowerVault MD32xx SeriesA/P-CSAS PowerVault MD36xx SeriesA/P-CFibre Channel PowerVault MD36xx SeriesA/P-CiSCSI PowerVault MD38xx SeriesA/P-CFibre Channel* Support for this array model is available from InfoScale release 7.2 and later. SC SeriesA/AFibre Channel* Supports Storage Center OS (SCOS) software version 6.2.2 and higher. SC SeriesA/AiSCSI* Supports Storage Center OS (SCOS) software version 6.2.2 and higher. Symmetrix DMX seriesA/AFibre Channel* Requires firmware version 5670.73 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* Supports Symmetrix DMX-3 and Symmetrix DMX-4 only. Symmetrix DMX series with PowerPathA/AFibre Channel* Supports Symmetrix DMX-3 and Symmetrix DMX-4 only. Symmetrix VMAX seriesA/AFCoE* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. Symmetrix VMAX seriesA/AFibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. Symmetrix VMAX seriesA/AiSCSI* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. Symmetrix VMAX series with PowerPathA/AFibre Channel Unity seriesA/A-AFibre Channel Unity series with PowerPathA/A-AFibre Channel VMAX3/VMAX All Flash Family seriesA/AFibre Channel VMAX3/VMAX All Flash Family series with PowerPathA/AFibre Channel VNX seriesA/A-AFibre Channel* Supported with block mode storage only. VNX seriesA/A-AiSCSI* Supported with block mode storage only. VNX series with PowerPathA/A-AFibre Channel VNX seriesA/P-CFibre Channel* Supported with block mode storage only. VNX seriesA/P-CiSCSI* Supported with block mode storage only. VNX series with PowerPathA/P-CFibre Channel VNX2 seriesA/A-AFibre Channel* Supported with block mode storage only. VNX2 series with PowerPathA/A-AFibre Channel VPLEXA/AFibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. VPLEX with PowerPathA/AFibre Channel XtremIOA/AFCoE XtremIOA/AFibre Channel XtremIOA/AiSCSI

Fujitsu

ArrayModelInterfaceNote ETERNUS DX400/DX500/DX600 series A/A-Fibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details. ETERNUS DX400/DX500/DX600 series A/A-AFibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details. ETERNUS DX60/DX80/DX90/DX100/DX200 series A/A-Fibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details.* Thin Reclamation is not supported with ETERNUS DX60/DX60 S2/DX80/DX90. ETERNUS DX60/DX80/DX90/DX100/DX200 series A/A-AFibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details.* Thin Reclamation is not supported with ETERNUS DX60/DX60 S2/DX80/DX90. ETERNUS DX8000 S3/S4 series A/A-Fibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details. ETERNUS DX8000 S3/S4 series A/A-AFibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details. ETERNUS DX8000 series A/A-Fibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details.

/docs/TECH164853 for more details.ETERNUS DX8000 seriesA/A-Fibre Channel* Ensure proper array settings are configured to support this mode.* Fujitsu Storage Cluster is not supported.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details.ETERNUS VS850A/A-Fibre Channel ETERNUS VS850 with Subsystem Device DriverA/A-Fibre Channel ETERNUS2000 seriesA/A-Fibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.ETERNUS4000 seriesA/A-Fibre Channel* Excludes ETERNUS4000 models 80 and 100.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details.ETERNUS8000 seriesA/A-Fibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* There are known issues with Reclamation, see <http://www.veritas.com/docs/TECH164853> for more details.

Hewlett Packard Enterprise

ArrayModelInterfaceNote3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 StorageA/A-Fibre Channel* 3PAR F/T-Class maximum firmware version is 3.1.3; 3PAR StoreServ 7000/10000 minimum firmware version 3.1.2 and StoreServ 8000/20000 minimum firmware version 3.2.2 are required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.* StoreServ 8000/20000 minimum firmware version 3.2.2 MU1 is required for Thin Reclamation support.Alletra 6000 SeriesA/A-AFibre Channel Alletra 9000 StorageA/A-Fibre Channel MSA 1040 SANA/A-AFibre Channel MSA 2040 SANA/A-AFibre Channel MSA 2040 SANA/A-AiSCSI MSA 2040 SANA/A-ASAS MSA 2050 StorageA/A-Fibre Channel MSA P2000A/A-AFibre Channel MSA1000A/A-Fibre Channel MSA1500A/A-Fibre Channel* Active/Active array firmware is required. Contact your local HP representative for more information.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.MSA2000fc seriesA/A-Fibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.MSA2012iA/AiSCSI* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.MSA2012saA/ASAS* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.MSA2212iA/AiSCSI MSA2212saA/ASAS P9500A/A-Fibre Channel* Requires firmware version 70-01-04-00/00 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.Primera 600 StorageA/A-Fibre Channel XP7 seriesA/A-Fibre Channel

Hitachi Vantara

ArrayModelInterfaceNoteHUS 100 seriesA/A-Fibre Channel HUS 100 series with HDLM (Hitachi Dynamic Link Manager)A/A-Fibre Channel HUS VMA/A-Fibre Channel HUS VM with HDLM (Hitachi Dynamic Link Manager)A/A-Fibre Channel SMS/AMS2000 seriesA/A-Fibre Channel* Excludes SMS100.* SMS does not support Thin Provisioning.SMS/AMS2000 seriesA/AiSCSI* Excludes SMS100.* SMS does not support Thin Provisioning.SMS/AMS2000 series with HDLM (Hitachi Dynamic Link Manager)A/A-Fibre Channel* Excludes SMS100.SMS/AMS2000 series with HDLM (Hitachi Dynamic Link Manager)A/AiSCSI* Excludes SMS100.USBV/USPVM/A-Fibre Channel USBV/USPVM with HDLM (Hitachi Dynamic Link Manager)A/A-Fibre Channel VSPA/A-Fibre Channel* Requires firmware version 70-01-04-00/00 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.VSP with HDLM (Hitachi Dynamic Link Manager)A/A-Fibre Channel VSP G seriesA/A-Fibre Channel VSP G series with HDLM (Hitachi Dynamic Link Manager)A/A-Fibre Channel VSP Gx00/Fx00 seriesA/A-Fibre Channel

Huawei

ArrayModelInterfaceNote18000 seriesA/AFibre Channel* For Huawei 18000 A/A, MS KB <http://support.microsoft.com/kb/2522766> is required. Check "Prerequisites" of the KB to install MS KB.OceanStor SeriesA/A-AFibre Channel* For OceanStor V3 models, MS KB <http://support.microsoft.com/kb/2522766> is required. Check "Prerequisites" of the KB to install MS KB.* Thin Reclamation is only supported with OceanStor Series with volumes track aligned to 2048 sectors, the ALUA explicit trespass on Thin LUN is not supported. OceanStor SeriesA/A-AiSCSI* For OceanStor V3 models, MS KB <http://support.microsoft.com/kb/2522766> is required. Check "Prerequisites" of the KB to install MS KB.* Thin Reclamation is only supported with OceanStor Series with volumes track aligned to 2048 sectors, the ALUA explicit trespass on Thin LUN is not supported.S5000 seriesA/P-CFibre Channel VIS seriesA/AFibre Channel

IBM

ArrayModelInterfaceNoteDS3950A/P-CFibre Channel* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.DS3950 with DS Storage ManagerA/P-CFibre Channel DS5020A/P-CFibre Channel* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.DS5020 with DS Storage ManagerA/P-CFibre Channel FlashSystem seriesA/AFibre Channel* Supports FlashSystem 840 /900 models only.Spectrum Virtualize seriesA/A-AFibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.Spectrum Virtualize seriesA/A-AiSCSI* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.Spectrum Virtualize series with Subsystem Device DriverA/A-AFibre Channel Storwize seriesA/A-AFibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.Storwize seriesA/A-AiSCSI* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.Storwize series with Subsystem Device DriverA/A-AFibre Channel System Storage DS3000 seriesA/P-CFibre Channel* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.System Storage DS3000 seriesA/P-CiSCSI* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on

these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage DS3000 seriesA/P-CSAS* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage DS3500 seriesA/P-CFibre Channel* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage DS3500 seriesA/P-CiSCSI* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage DS5000 seriesA/P-CFibre Channel* IMPORTANT: These arrays require additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use any of these arrays with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP, including Auto Volume Transfer (AVT), also referred to as Auto Logical Drive Transfer (ADT). Specific firmware levels from the manufacturer for these arrays may also be required.* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage DS5000 series with DS Storage ManagerA/P-CFibre Channel System Storage DS8000 seriesA /AFibre Channel* Requires firmware version 6.1.600.46 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage DS8000 series with Subsystem Device DriverA/AFibre Channel System Storage N seriesA/A-AFibre Channel* Requires ONTAP version 7.0.2 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage N seriesA/A-AiSCSI* Requires ONTAP version 7.0.2 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage N seriesA/P-CFibre Channel* Requires ONTAP version 7.0.2 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage N seriesA/P-CiSCSI* Requires ONTAP version 7.0.2 or higher to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array. System Storage XIV seriesA/AFibre Channel* To obtain Clustering support with IBM XIV, a minimum Firmware level of 10.0.1.c is required.

Information

ArrayModelInterfaceNoteNexsan E-Series SystemsA/AFibre Channel

InfiniData

ArrayModelInterfaceNoteInfiniBox F-SeriesA/AFibre Channel

Intel

ArrayModelInterfaceNoteDC P3700A/APCIE SSD 910A/APCIE

Kaminario

ArrayModelInterfaceNoteK2A/AFibre Channel

NetApp

ArrayModelInterfaceNoteAFF SeriesA/A-AFibre Channel* A minimum version of ONTAP 8.3 is required to support this array.AFF SeriesA/A-AiSCSI* A minimum version of ONTAP 8.3 is required to support this array.FAS2000/FAS900/FAS200 seriesA/A-AFibre Channel* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS2000/FAS900/FAS200 seriesA/A-AiSCSI* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes. FAS2000/FAS900/FAS200 seriesA/P-CFibre Channel FAS2000/FAS900/FAS200 seriesA/P-CiSCSI FAS3000/V3000 seriesA/A-AFibre Channel* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS3000/V3000 seriesA/A-AiSCSI* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS3000/V3000 seriesA/P-CFibre Channel FAS3000/V3000 seriesA/P-CiSCSI FAS6000/V6000 seriesA/A-AFibre Channel* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS6000/V6000 seriesA/A-AiSCSI* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS6000/V6000 seriesA/P-CFibre Channel FAS6000/V6000 seriesA/P-CiSCSI FAS8000/FAS9000 SeriesA/A-AFibre Channel* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS8000/FAS9000 SeriesA/A-AiSCSI* Supports Clustered Data ONTAP (cDOT) version 8.2.1 or greater with multiple Controller Nodes.FAS8000/FAS9000 SeriesA/P-CFibre Channel FAS8000/FAS9000 SeriesA/P-CiSCSI

Nexsan

ArrayModelInterfaceNoteBeast SystemsA/AFibre Channel

NimbleStorage

ArrayModelInterfaceNoteCS/AF/HF-SeriesA/P-CFibre Channel

Oracle

ArrayModelInterfaceNoteAxiom seriesA/A-AFibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.FS1-2A/A-AFibre Channel* Support for this array model is available from InfoScale release 7.2 and later.Storage 6580/6780 seriesA/P-CFibre Channel StorageTek 2500 seriesA/P-CFibre Channel StorageTek 2500 seriesA/P-CiSCSI StorageTek 2500 seriesA/P-CSAS StorageTek 6140 arrayA/P-CFibre Channel StorageTek 9900 seriesA/AFibre Channel StorageTek 9900 series with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel StorageTek 9985/9990 seriesA/AFibre Channel StorageTek 9985/9990 series with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel StorageTek 9985V systemA/AFibre Channel StorageTek 9985V system with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel StorageTek 9990V systemA/AFibre Channel StorageTek 9990V system with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel Sun Storage 6180 arrayA/P-CFibre Channel ZFS Storage Appliance seriesA/A-AFibre Channel* Excludes ZFS Storage ZS4-4.ZFS Storage Appliance seriesA/A-AiSCSI* Excludes ZFS Storage ZS4-4.

Pure Storage

ArrayModelInterfaceNoteFlashArray seriesA/AFibre Channel

SanDisk

ArrayModelInterfaceNoteioDriveA/APCie ioDrive2A/APCie ioMemory PX600 seriesA/APCie ioMemory SX300 seriesA/APCie

StorageTek

ArrayModelInterfaceNoteFlexLine 200/300 seriesA/P-CFibre Channel* Support for the StorageTek Flexline 300 series Storage Systems includes the FLX380 array only.

Sun

ArrayModelInterfaceNoteStorageTek 6130A/P-CFibre Channel* The Sun StorEdge 6130 array requires additional configuration steps in order to work properly with Veritas InfoScale Foundation for Windows. Before attempting to use the Sun StorEdge 6130 array with Veritas InfoScale Foundation for Windows DMP software, please contact the array hardware manufacturer for additional configuration instructions and updates. Several special settings must be enabled on these arrays to allow compatibility with DMP. Specific firmware levels from the manufacturer for these arrays may also be required.StorageTek 6540A/P-CFibre Channel StorEdge 9910/9960A/AFibre Channel* Please check with Storage Array Manufacturer's Hardware Compatibility Support Matrices for required firmware to support Active/Active DSM mode in a cluster (VCS/MSCS/WSFC) with this array.StorEdge 9910/9960 with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel

Violin Memory

ArrayModelInterfaceNoteViolin 3000/6000 seriesA/AFibre Channel Violin 3000/6000 seriesA/A-AFibre Channel* A minimum array firmware version G5.5.1 is required to support ALUA mode.