.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 Availability 7.3.1, Windows Server 2016, x86-64

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Components for InfoScale

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

Cluster Server

Get more introduction of Veritas InfoScale.

System requirements

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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:

Installation options	Required disk space
InfoScale Availability	832 MB

Product documentation

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Product guides	
	Cluster Server Administrator's Guide - English
	Cluster Server Agent for EMC SRDF/Star Configuration Guide - English

Cluster Server Guides	Cluster Server Agent for EMC SRDF Configuration Guide - English
	Cluster Server Agent for Hitachi TrueCopy/HP-XP Continuous Access Configuration Guide - English
	Cluster Server Configuration Guide for Custom Applications - English
	Cluster Server Bundled Agents Reference Guide - English
	Cluster Server Database Agent for Oracle Configuration Guide - English
	Cluster Server Configuration Guide for SAP Web Application Server - English
	Cluster Server Implementation Guide for Microsoft Exchange 2010 - English
	Cluster Server Implementation Guide for Oracle - English
	Cluster Server Implementation Guide for Microsoft SQL Server - English
	Cluster Server Agent Developer's Guide - English
Installation and Upgrade	Veritas InfoScale Installation and Upgrade Guide - English
Getting Started	Veritas InfoScale Getting Started Guide - English
Release Notes	Veritas InfoScale Release Notes - English
	Veritas InfoScale What's New Guide - English
Solutions Guides	Storage Foundation and High Availability Solutions HA and Disaster Recovery Solutions Guide for Microsoft Exchange Server - English
	Storage Foundation and High Availability Solutions HA and Disaster Recovery Solutions Guide for Enterprise Vault - English
	Storage Foundation and High Availability Solutions HA and Disaster Recovery Solutions Guide for Microsoft SQL Server - English
	Storage Foundation and High Availability Solutions HA and Disaster Recovery Solutions Guide for Microsoft SharePoint 2013 - English
	Storage Foundation and High Availability Solutions HA and Disaster Recovery Solutions Guide for Microsoft SharePoint 2010 - English
	Storage Foundation and High Availability Solutions, Solutions Guide - English

Legal Notices	Veritas InfoScale Third-Party Software License Agreements - English
Virtual Business Service Guide	Virtual Business ServiceAvailability User's Guide - English
Compatibility lists	
Compatibility Lists	Veritas InfoScale Hardware Compatibility List - Windows - English
	Veritas InfoScale Software Compatibility List - Windows - English

Patches for InfoScale Availability and Platform

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Product (recommended)
No patches found.

Platform (required)
No patches required.

End of Support Life information

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Last updated on 2024-05-15. Refer to EOSL page for more information about support.

Release Date(GA)	Extended Support Starts	Sustaining Support Starts	End of Support Life Date(EOSL)
2017-11-03	2022-06-04	2024-06-30	-

Platform configuration

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Tested and supported editions:

Edition Version Notes Windows Server 2016 Standard and Datacenter Edition GA The support for Windows 2016 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 2016 Essentials Edition GA The support for Windows 2016 Essentials includes Server Core versions. Please note that client components cannot be installed on server core systems.

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

ArrayModeInterfaceNoteCelerra 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* PowerMax with PowerPath is supportedPowerVault 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.ScaleIOA/AEthernet 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 Unity XT seriesA/A-AFibre Channel Unity XT seriesA/A-AiSCSI 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

ArrayModeInterfaceNoteETERNUS DX400/DX500/DX600 seriesA/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 DX400 /DX500/DX600 seriesA/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 seriesA/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 DX60/DX80/DX90/DX100/DX200 seriesA/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 seriesA/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 S3 /S4 seriesA/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 seriesA/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 seriesA/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 VS850A/A-AFibre Channel ETERNUS VS850 with Subsystem Device DriverA/A-AFibre Channel ETERNUS2000 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.ETERNUS4000 seriesA /AFibre 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/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.* There are known issues with Reclamation, see http://www.veritas.com/docs /TECH164853 for more details.

Hewlett Packard Enterprise

ArrayModeInterfaceNote3PAR F/T-Class, StoreServ 7000/8000/9000/10000/20000 StorageA/AFibre 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 5000 SeriesA/A-AFibre Channel Alletra 6000 SeriesA/A-AFibre Channel Alletra 9000 StorageA/AFibre Channel MSA 1040 SANA/A-AFibre Channel MSA 1060 StorageA/A-AFibre Channel MSA 2040 SANA/A-AFibre Channel MSA 2040 SANA/A-AiSCSI MSA 2040 SANA/A-ASAS MSA 2050 StorageA/AFibre Channel MSA 2060 StorageA/A-AFibre Channel MSA P2000A/A-AFibre Channel MSA1000A/AFibre Channel MSA1500A/AFibre 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/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.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/AFibre 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/AFibre Channel XP7 seriesA/AFibre Channel XP8 seriesA/AFibre Channel XP8 seriesA/A-AFibre Channel

Hitachi Vantara

ArrayModeInterfaceNoteHUS 100 seriesA/AFibre Channel HUS 100 series with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel HUS VMA/AFibre Channel HUS VM with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel SMS/AMS2000 seriesA/AFibre 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/AFibre Channel* Excludes SMS100.SMS/AMS2000 series with HDLM (Hitachi Dynamic Link Manager)A/AiSCSI* Excludes SMS100.USPV/USPVMA/AFibre Channel USPV/USPVM with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel VSPA/AFibre 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/AFibre Channel VSP 5000 seriesA/AFibre Channel VSP E seriesA/AFibre Channel VSP G seriesA/AFibre Channel VSP G series with HDLM (Hitachi Dynamic Link Manager)A/AFibre Channel VSP Gx00/Fx00 seriesA/AFibre Channel

Huawei

ArrayModeInterfaceNote18000 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

ArrayModeInterfaceNoteDS3950A/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 DS3500 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 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.

Imation

ArrayModeInterfaceNoteNexsan E-Series SystemsA/AFibre Channel

Infinidat

ArrayModeInterfaceNoteInfiniBox F-SeriesA/AFibre Channel

Intel

ArrayModeInterfaceNoteDC P3700A/APCIe SSD 910A/APCIe

Kaminario

ArrayModeInterfaceNoteK2A/AFibre Channel* Support for this array model is available from InfoScale release 7.3.1 and later.

MacroSAN

ArrayModeInterfaceNoteMS seriesA/A-AFibre Channel

Microsoft

ArrayModeInterfaceNoteAzureA/AFibre Channel

NetApp

ArrayModeInterfaceNoteAFF 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.E_SERIESA/A-AFibre Channel 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

Nexenta

ArrayModeInterfaceNoteNexentaStorA/A-AFibre Channel* Support for this array model is available from InfoScale release 7.3.1 and later.

Nexsan

ArrayModeInterfaceNoteBeast SystemsA/AFibre Channel

NimbleStorage

ArrayModeInterfaceNoteCS/AF/HF-SeriesA/P-CFibre Channel* Support for this array model is available from InfoScale release 7.3.1 and later.

Oracle

ArrayModeInterfaceNoteAxiom 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

ArrayModeInterfaceNoteFlashArray seriesA/AFibre Channel FlashArray seriesA/A-AFibre Channel

SanDisk

ArrayModeInterfaceNoteioDriveA/APCIe ioDrive2A/APCIe ioMemory PX600 seriesA/APCIe ioMemory SX300 seriesA/APCIe

StorageTek

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

Sun

ArrayModeInterfaceNoteStorageTek 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

ArrayModeInterfaceNoteViolin 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.