



Netapp Interoperability Matrix

Storage Solution : E-Series SAN Host

NetApp® FC, Infiniband, iSCSI and SAS E-Series Storage System Interoperability

The NetApp Interoperability Matrix (IMT) defines the components and versions that have been qualified and which can be used to construct FC, Infiniband, iSCSI and SAS configurations that are supported end-to-end by NetApp. NetApp partners with operating system, I/O stack and hardware component vendors during their development and release cycles in order to provide support and interoperability at or within certain periods following the vendor's general availability release. For support of configurations not included in the NetApp Interoperability Matrix, including pre-general-availability releases, or to obtain support for your particular configuration via the NetApp Product Variance Request (PVR) process, please contact your NetApp account team or partner. If you experience technical issues with NetApp storage systems in configurations not listed in the NetApp Interoperability Matrix, NetApp will diagnose and support the configuration in accordance with the NetApp support entitlement purchased. Descriptions of NetApp support services are set forth at <http://www.netapp.com/us/services-support/services/operations/services-descriptions.aspx> ; resolution may require changing the configuration to one currently listed in the matrices or working with your account team or partner through the PVR process.

Beyond the configuration components practically required to have basic I/O, such as the host operating system level, server or processor architecture, initiator and host multipath, the components listed in the interoperability matrices are elective and the row-based configurations reflect the entire configuration supported by NetApp. Note that NetApp supports all rack server hardware models corresponding to the server or processor architecture listed in the interoperability matrix, but does not specify server models by brand. Blade server components are listed separately by the model. You will need to verify with the blade server vendor which blades are supported with the posted components.

Ethernet Host NIC, Host Bus Adapter (HBA), and Converged Network Adapter (CNA) Model Support

Fibre Channel HBAs

- Netapp supports the specific HBA model and driver listed in the IMT configuration.

Software iSCSI with Ethernet NICs or Converged Network Adapters

- Netapp supports all 1GbE, 10Gbe and 25Gbe NICS, 10GbE abd 25 GbE CNAs, and built-in Ethernet adapters when used with a software iSCSI initiator.

- When the IMT configuration specifies the software iSCSI initiator the specific NICs or adapter models will not be listed for that IMT configuration.

Parallel & Host File System Support

NetApp E-Series does not list Host File Systems explicitly. All File Systems included with a Host Operating System (Inbox) are supported on E-Series products. File Systems NOT bundled with the Host Operating System (Out of Box) that alter the kernel or IO stack upon installation are NOT supported and will require a Feature Product Variance Request (FPVR) to be created by your account team before they can be supported.

Out of Box File Systems and Parallel File Systems are supported if the Vendor's support matrix is matched in IMT with the following items (from your configuration):

Operating System Version with Patch or Update Level

Host Multipath

Host Bus Adapter (HBA) and associated Driver & Firmware

If you do not see a match between your IMT configuration and the Parallel or Out of Box File System Vendor's support matrix, please work with your account team to create a FPVR.

Storage Virtualization

With a valid NetApp FPVR, NetApp E-Series storage systems can be supported with the Hitachi Data Systems (HDS) Virtual Storage Platform (VSP). If the need for configuration support arises, HDS is responsible for overall connectivity, configuration management, and support of the HDS equipment; NetApp will diagnose basic E-Series storage hardware operation. Hitachi maintains a list of the configurations that are supported with E-Series storage here: <http://www.hds.com/products/storage-systems/specifications/supported-external-storage.html>.

End of Support

At its discretion, NetApp will continue to provide support for existing installations of vendor end-of-support configurations even after general support has ended from the applicable vendor. This support will be limited in accordance with the support model provided by the vendor in which an upgrade may be the only solution. Support of NetApp storage systems and software is provided according to NetApp's standard warranty and support lifecycle

Didn't find what you were looking for?

If you didn't find the supported configuration(s) you were looking for, please click Help => Report a Problem from the dropdown menu on the header of the main screen. Each request will be evaluated for potential supportability & responded to individually as quickly as possible.

Search Criteria

Solution

E-Series SAN Host;

Additional Criteria;

Protocol

SAS;

Host HBA

LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=11.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.250.08.00 } ;
LSI 9300-8e {Driver=01.100.01.00 (Inbox), Firmware=01.75.04.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=16.100.00.00 (Inbox), Firmware=15.00.02.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.01.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.50.92.0 (Async), Spec=PCIe 12Gb SAS Dual Port, Firmware=07.00.01.00 } ;
LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.51.12.80 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=09.00.00.00 (Async), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=12.00.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.02.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.51.12.0, Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=15.00.02.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=14.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) } ;
LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=14.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=12.100.00.00 (Inbox), Firmware=11.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=15.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=15.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=12.00.02.00 (Inbox), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=05.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=6.00.00.00 (Async), Firmware=05.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.06.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=3.00.00.00 (Inbox), Firmware=02.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.50.65.01 (Inbox), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=02.51.10.0, Firmware=12.00.00.00 } ;
LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.51.18.0 (Async), Firmware=14.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=02.50.65.01 (Inbox), Firmware=01.250.08.00, Spec=PCIe 12Gb SAS Dual Port } ;
LSI 9300-8e {Driver=10.00.00.00 (Async), Firmware=09.00.00.00, Spec=PCIe 12Gb SAS Dual Port } ;

E-Series SAN Host

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20180418-114308513	Supported	Info: 6532,7502,8132,8381,8809,9017 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=15.00.02.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.7	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	SAN Boot Yes LSI BIOS 8.35.04.00; VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable
20180418-113206066	Supported	Info: 6532,7502,8132,8381,8809,9017 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=15.00.02.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.7	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	SAN Boot Yes LSI BIOS 8.35.04.00; VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20180410-151925172	Supported	Info: 7737,8145,8381,8885	SAS	LSI 9300-8e {Driver=16.100.00.00 (Inbox), Firmware=15.00.02.00, Spec=PCIe 12Gb SAS Dual Port }	Red Hat RHEL Server 7.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	SAN Boot Yes LSI BIOS 8.35.04.00	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1
20180410-151924329	Supported	Info: 7737,8145,8381,8885	SAS	LSI 9300-8e {Driver=16.100.00.00 (Inbox), Firmware=15.00.02.00, Spec=PCIe 12Gb SAS Dual Port }	Red Hat RHEL Server 7.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	SAN Boot Yes LSI BIOS 8.35.04.00	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20171109-063949403	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=15.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20171109-063914486	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=15.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20171109-063837509	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=15.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20171109-063637894	Supported	Info: 6532,7502,7737 .7945,8132,814 5,8381,8642,86 67 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20171109-063607121	Supported	Info: 6532,7502,7737 .7945,8132,814 5,8381,8642,86 67 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20171109-063528743	Supported	Info: 6532,7502,7737 .7945,8132,814 5,8381,8642,86 67 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20171109-063352226	Supported	Info: 6532,7502,7737 ,8132,8145,838 1,8565,8653,86 54 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20171109-063318519	Supported	Info: 6532,7502,7737 ,8132,8145,838 1,8565,8653,86 54 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20171109-063218945	Supported	Info: 6532,7502,7737 ,8132,8145,838 1,8565,8653,86 54 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20171109-063001367	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20171109-062911534	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20171109-062813353	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=15.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 15: 8.35.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170920-123433338	Supported	Info: 6822,7074,7161,8145,8502 Alerts: 8530	SAS	LSI 9300-8e {Driver=02.51.1 8.0 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2016 DCE 64-bit, x64; Microsoft Windows Server 2016 Hyper-V; Microsoft Windows Server 2016 SE 64-bit, x64	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Windows Unified Host Utilities 7.0
20170920-114334054	Supported	Info: 6822,7074,7161,7226,7547,762,3,8145,8381	SAS	LSI 9300-8e {Driver=02.51.1 8.0 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Windows Unified Host Utilities 7.0
20170919-121554067	Supported	Info: 6143,6863,7008,7710,7737,791,3,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170919-121114753	Supported	Info: 6143,6863,7008,7710,7737,791,3,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170919-120840708	Supported	Info: 6143,6863,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130632855	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130613122	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 7.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170915-130601998	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler		LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130548005	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.4 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler		LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130534853	Supported	Info: 6143,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.9 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130521821	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130512590	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.9 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130455084	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130447009	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130429007	Supported	Info: 7008,7737,8145,8381 Alerts: 7771,8342,8851	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170915-130408083	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130358135	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130346061	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130335888	Supported	Info: 6143,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.9 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170915-130328236	Supported	Info: 6143,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6 6.9 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170911-120529498	Supported	Info: 7737,8381,8461	SAS	LSI 9300-8e {Driver=12.100.00.00 (Inbox), Firmware=11.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Canonical Ubuntu Server 16.04	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.27.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1; Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170908-123638753	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20170908-123636550	Supported	Info: 6532,7502,7737,8132,8145,8381,8565,8653,8654 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20170908-123634990	Supported	Info: 6532,7502,7737,7945,8132,8145,8381,8642,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170908-123633297	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20170908-123346065	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20170908-123344352	Supported	Info: 6532,7502,7737,8132,8145,8381,8565,8653,8654 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170908-123342720	Supported	Info: 6532,7502,7737,7945,8132,8145,8381,8642,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20170908-123340964	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20170908-122751980	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170908-120153810	Supported	Info: 6532,7502,7737,7945,8132,8145,8381,8642,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable
20170908-115630570	Supported	Info: 6532,7502,7737,8132,8145,8381,8565,8653,8654 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable
20170908-115032848	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.0 1.00 (Async), Firmware=14.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware Fault Tolerance; VMware vSphere Distributed Switch (VDS); Vmware Storage Vmotion	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170907-070832044	Supported	Info: 7737,8145,8381 Alerts: 8841	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Inbox), Firmware=12.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.40; SANtricity OS 8.40	Direct Attach	Linux Unified Host Utilities 7.1
20170907-070205638	Supported	Info: 7737,8145,8381 Alerts: 8841	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Inbox), Firmware=12.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1
20170907-064845560	Supported	Info: 7737,8145,8381 Alerts: 8841	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Inbox), Firmware=12.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	Linux Unified Host Utilities 7.1
20170901-133554668	Supported	Info: 7008,7737,8145 ,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100. 00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.4 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20170901-133552724	Supported	Info: 7008,7737,8145 ,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100. 00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.4 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170901-133224905	Supported	Info: 7008,7737,8145 ,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100. 00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20170901-133222782	Supported	Info: 7008,7737,8145 ,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100. 00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170901-132643341	Supported	Info: 7008,7737,8145 ,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100. 00.00 (Inbox), Firmware=14.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.4 64- bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170901-132641687	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170727-090653187	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20170727-090651963	Supported	Info: 6532,7502,8132,8381,8653,8654,8808,8809 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=13.00.01.00 (Async), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware ESX VMotion; VMware HA	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS); VMware Storage Vmotion	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20170712-092804110	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170712-092802360	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=15.100.00.00 (Inbox), Firmware=14.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 14: 8.33.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170501-075539361	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.9 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20170501-075537218	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.9 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170428-121312583	Supported	Info: 6143,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.9 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170428-121309147	Supported	Info: 6143,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.9 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20170428-121142802	Supported	Info: 6143,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS CentOS 6 6.9 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170428-121138194	Supported	Info: 6143,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS CentOS 6 6.9 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20170308-135446605	Supported	Info: 7913,6143,7007,7008,7710,7737,7915,8145,8381,7915	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.9 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20170308-135445829	Supported	Info: 6143,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=14.101.00.00 (Inbox), Firmware=13.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.9 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170127-104639992	Supported	Info: 6532,7502,7737,7945,8132,8145,8381,8642,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20170127-104453476	Supported	Info: 6532,7502,7737,7945,8132,8145,8381,8642,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20170127-103921046	Supported	Info: 6532,7502,7737,7945,8132,8145,8381,8642,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20170106-084259601	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20170106-084259182	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20170106-084258626	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20161223-083444300	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20161223-083442460	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20161223-083442218	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20161223-083242100	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20161223-083239931	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20161223-083239600	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20161114-073348453	Supported	Info: 6532,7502,7737,8132,8145,8381,8565,8653,8654 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=12.00.02.00 (Inbox), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20161114-073025406	Supported	Info: 6532,7502,7737,8132,8145,8381,8565,8653,8654 Alerts: 8443,8566,8567	SAS	LSI 9300-8e {Driver=12.00.02.00 (Inbox), Firmware=13.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 13: 8.31.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20161018-095456012	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20161018-095455808	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20161018-095453919	Supported	Info: 7008,7737,8145,8381 Alerts: 8562	SAS	LSI 9300-8e {Driver=13.100.00.00 (Inbox), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160908-153333771	Supported	Info: 6822,7074,7161,8145,8502 Alerts: 8530	SAS	LSI 9300-8e {Driver=02.51.1 2.80 (Inbox), Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2016 DCE 64-bit, x64; Microsoft Windows Server 2016 Hyper-V; Microsoft Windows Server 2016 SE 64-bit, x64	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20160908-153333314	Supported	Info: 6822,7074,7161,8145,8502 Alerts: 8530	SAS	LSI 9300-8e {Driver=02.51.1 2.80 (Inbox), Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2016 DCE 64-bit, x64; Microsoft Windows Server 2016 Hyper-V; Microsoft Windows Server 2016 SE 64-bit, x64	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160908-153332821	Supported	Info: 6822,7074,7161,8145,8502 Alerts: 8530	SAS	LSI 9300-8e {Driver=02.51.1 2.80 (Inbox), Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2016 DCE 64-bit, x64; Microsoft Windows Server 2016 Hyper-V; Microsoft Windows Server 2016 SE 64-bit, x64	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Windows Unified Host Utilities 7.0
20160816-112501423	Supported	Info: 6822,7074,7161,7226,7547,762,3,8145,8381	SAS	LSI 9300-8e {Driver=02.51.1 2.0, Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V; Microsoft Windows Server 2008 Hyper-V R2; Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 Hyper-V SP2	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Windows Unified Host Utilities 7.0
20160812-150501913	Supported	Info: 7737,8381,8461	SAS	LSI 9300-8e {Driver=12.100.00.00 (Inbox), Firmware=11.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	Canonical Ubuntu Server 16.04	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12: 8.27.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20160811-134201168	Supported	Info: 6143,6863,7007,7008,7710,773,7,7913,7915,81,45,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160811-131435649	Supported	Info: 6820,6822,7074,7161,7546,8145,8381	SAS	LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Windows Unified Host Utilities 7.0
20160811-084238164	Supported	Info: 7008,7737,8145,8381 Alerts: 7771,8342,8851	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	SLES 12 SP1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-084234480	Supported	Info: 7008,7737,7889,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-084233002	Supported	Info: 7008,7611,7737,7889,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-084223126	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-084222204	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-084217995	Supported	Info: 6556,7008,7737,8145,8381 Alerts: 7771,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081702466	Supported	Info: 7008,7611,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160811-081656154	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081655705	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081653120	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081650120	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081647648	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081645057	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081641284	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081640224	Supported	Info: 7008,7611,7710,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160811-081635189	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.7 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160811-081633942	Supported	Info: 7008,7611,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) ALUA Prioritizer - ALUA Handler; Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Linux Unified Host Utilities 7.1; [LS] Linux Unified Host Utilities 7.0
20160810-064432823	Supported	Info: 6532,7502,7737,7945,8132,8145,8316,8381 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160810-064404026	Supported	Info: 6532,7502,7737,7945,8132,8145,8316,8381,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160810-064250232	Supported	Info: 6532,7502,7737,7945,8132,8145,8316,8381,8667 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.00.00 (Async), Firmware=12.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160810-061823375	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160810-061552611	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160810-061354039	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655 Alerts: 8443	SAS	LSI 9300-8e {Driver=13.00.0 0.00 (Async), Firmware=12.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Not Applicable
20160714-082904264	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160714-082903725	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8106,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00 .00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160713-145121749	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160713-145121409	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8106,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160713-135609882	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160713-135609481	Supported	Info: 7008,7737,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.8 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160624-085836497	Supported	Info: 6822,7074,7161,7226,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.12.0, Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 11.30; SANtricity OS 8.30	Direct Attach	Windows Unified Host Utilities 7.0
20160624-085737627	Supported	Info: 6822,7074,7161,7226,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.12.0, Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160624-085343119	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.12.0, Firmware=12.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 12: 8.29.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160603-103724900	Supported	Info: 6525,7161,7533,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=02.51.10.0, Firmware=12.00.00.00 }	Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160603-103514377	Supported	Info: 6525,7161,7533,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=02.51.10.0, Firmware=12.00.00.00 }	Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20160603-103001238	Supported	Info: 6525,7161,7533,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=02.51.10.0, Firmware=12.00.00.00 }	Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Not Supported	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Windows Unified Host Utilities 7.0
20160502-143850307	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8106,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160502-143848483	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8106,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160502-143846237	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=09.102.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.8 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160422-064943791	Supported	Info: 7737,8381,8461	SAS	LSI 9300-8e {Driver=12.100.00.00 (Inbox), Firmware=11.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Canonical Ubuntu Server 16.04	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160422-064943569	Supported	Info: 7737,8381,8461	SAS	LSI 9300-8e {Driver=12.100.00.00 (Inbox), Firmware=11.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Canonical Ubuntu Server 16.04	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160422-064943321	Supported	Info: 7737,8381,8461	SAS	LSI 9300-8e {Driver=12.100.00.00 (Inbox), Firmware=11.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Canonical Ubuntu Server 16.04	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160411-132131025	Supported	Info: 7074,7161,7226,7546,6822,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160411-132009401	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20160411-131733722	Supported	Info: 6820,6822,7074,7161,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160411-131419970	Supported	Info: 6820,6822,7074,7161,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160411-131256701	Supported	Info: 6822,7074,7161,7226,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.51.03.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160324-075333250	Supported	Info: 6532,7502,7737,8145,8316,8317,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160324-074640512	Supported	Info: 6532,7502,7737,8145,8316,8317,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160314-132524721	Supported	Info: 6532,7502,7737,7945,8145,8316,8381,8667	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160224-090648382	Supported	Info: 6822,7074,7161,7226,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.8 0.00 (Async), Firmware=04.00 .01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160224-090647886	Supported	Info: 6822,7074,7161,7226,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.6 5.01 (Inbox), Firmware=04.00 .01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160218-214041344	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160218-214041157	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160218-214040885	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160218-085201586	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160218-085203448	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160218-084825442	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160217-130915573	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160217-130915473	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160217-130915370	Supported	Info: 6143,6863,7008,7710,7737,7913,7914,7915,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160217-130915262	Supported	Info: 6143,6863,7008,7710,7737,7913,7914,7915,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160217-130202833	Supported	Info: 6863,7008,7710,7737,7913,7914,6143,7915,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160217-130122381	Supported	Info: 6143,6863,7008,7710,7737,7913,7914,7915,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160217-130122122	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160217-130121815	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=11.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 12 8.27.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160216-085451556	Supported	Info: 6525,6821,6822,7161,7533,8145,8381	SAS	LSI 9300-8e {Driver=02.50.8 0.00 (Async), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160216-085451177	Supported	Info: 6822,7074,7161,7226,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.9 2.0 (Async), Spec=PCIe 12Gb SAS Dual Port, Firmware=07.00.01.00 }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.25	Direct Attach	Windows Unified Host Utilities 7.0
20160211-111449656	Supported	Info: 7007,7008,7569,7578,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160211-111425250	Supported	Info: 6143,6863,7007,7008,7569,7688,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEV 3.4 (Hypervisor 6.5)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160211-081608042	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-142200851	Supported	Info: 7008,7611,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-141924728	Supported	Info: 7008,7611,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-141626055	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=3.00.00.00 (Inbox), Firmware=02.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-140249005	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-135301754	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.5 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-134228244	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.0 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160209-065114533	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.7 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160209-064554271	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160208-133136388	Supported	Info: 7008,7611,7710,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160208-123401168	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160208-092454860	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=6.00.00.00 (Async), Firmware=05.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI SAN Boot Yes (Phase 5: 8.11.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160208-092451155	Supported	Info: 7008,7710,7737,8145,8381,6555	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160207-204512273	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160207-204226546	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160207-203137144	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160207-200814559	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160207-194744492	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160205-074235365	Supported	Info: 6556,7008,7737,8145,8381 Alerts: 7771,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160204-145917637	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160204-145320274	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160204-142254776	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7914,7915,8145,8381	SAS	LSI 9300-8e {Driver=04.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160204-140327508	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160204-122248042	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8132,8145,8381,8655	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable		Direct Attach	Not Applicable
20160202-125335409	Supported	Info: 7008,7611,7710,7737,8145,8381 Alerts: 7612,8329	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160202-114220728	Supported	Info: 7008,7611,7737,7889,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160119-092730579	Supported	Info: 6532,7502,7737,7945,8130,8145,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160119-092701631	Supported	Info: 6532,7502,7737,7945,8130,8145,8381	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160119-092628627	Supported	Info: 6532,7502,7737,7945,8130,8145,8381,8667	SAS	LSI 9300-8e {Driver=12.00.00.00 (Async), Firmware=10.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160119-091922990	Supported	Info: 6532,7502,7737,7945,8130,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160119-091524777	Supported	Info: 6532,7502,7737,7945,8130,8145,8381	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20160119-072130969	Supported	Info: 6532,7502,7737,7945,8130,8145,8381,8667	SAS	LSI 9300-8e {Driver=12.00.0 0.00 (Async), Firmware=10.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.25.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.25	Direct Attach	Not Applicable
20160106-083411012	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00 .06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160106-083410710	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00 .06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20160106-083410431	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160106-082705732	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160106-082705450	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160106-082705021	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20160105-114408739	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160105-114318751	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20160105-114211072	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.2 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20151116-090001247	Supported	Info: 7008,7737,7889,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20151116-085920045	Supported	Info: 7008,7737,7889,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20151116-085855485	Supported	Info: 7008,7737,7889,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20151116-085758015	Supported	Info: 7008,7737,7889,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20151106-092814154	Supported	Info: 7008,7737,8145,8381 Alerts: 7771,8342,8851	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20151104-091704286	Supported	Info: 7008,7737,8145,8381 Alerts: 7771,8342,8851	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.25	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20151104-085926594	Supported	Info: 7008,7737,8145,8381 Alerts: 7771,8342,8851	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20151104-085926210	Supported	Info: 7008,7737,8145,8381 Alerts: 7771,8342,8851	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 SP1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150911-111010697	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8145,8381,8655	SAS	LSI 9300-8e {Driver=10.00.0 0.00 (Async), Firmware=09.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.21.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150911-110910570	Supported	Info: 6532,7299,7300,7502,7734,7736,7737,8129,8145,8381,8655	SAS	LSI 9300-8e {Driver=10.00.0 0.00 (Async), Firmware=09.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.21.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20150911-075708262	Supported	Info: 6532,7502,7737,7945,8130,8145,8381	SAS	LSI 9300-8e {Driver=10.00.0 0.00 (Async), Firmware=09.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.21.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150911-075622446	Supported	Info: 7502,7737,7945,8130,8145,8381,6532	SAS	LSI 9300-8e {Driver=10.00.0 0.00 (Async), Firmware=09.00 .00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.21.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion; VMware vSphere Distributed Switch (VDS)	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150901-143058243	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.7 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150901-143006273	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.7 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150901-134512093	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150901-134416633	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150831-132027044	Supported	Info: 7737,8145,8381,7008	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.7 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150831-131812335	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.7 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Supported	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150722-064648656	Supported	Info: 7008,7611,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150722-064648471	Supported	Info: 7008,7611,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150722-064648224	Supported	Info: 7008,7611,7737,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150720-144003746	Supported	Info: 6143,6863,7007,7008,7710,7737,8106,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150720-144003482	Supported	Info: 6143,6863,7007,7008,7710,7737,7,7913,7915,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150720-144003208	Supported	Info: 6143,6863,7007,7008,7710,7737,7,7913,7915,8106,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150720-082205478	Supported	Info: 7008,7611,7710,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150720-081357386	Supported	Info: 7008,7611,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150720-081123598	Supported	Info: 7008,7611,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150720-080754521	Supported	Info: 7008,7611,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150720-080450670	Supported	Info: 7008,7611,7737,7996,8145,8381	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150720-075622802	Supported	Info: 7611,7737,7996,8145,8381,7008	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.1 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150720-073943956	Supported	Info: 7008,6556,7737,8145,8381 Alerts: 7771,7948,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150720-073859746	Supported	Info: 6556,7008,7737,8145,8381 Alerts: 7771,7948,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150720-073757153	Supported	Info: 6556,7008,7737,8145,8381 Alerts: 7771,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150720-073401669	Supported	Info: 7008,7611,7737,7889,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150720-073314546	Supported	Info: 7008,7611,7737,7889,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150720-073129083	Supported	Info: 7008,7611,7737,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.06.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150604-145300726	Supported	Info: 7007,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150604-145259961	Supported	Info: 7007,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150604-145259071	Supported	Info: 7007,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150604-125320358	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150604-125319957	Supported	Info: 7737,8145,8381,7008	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150604-125319570	Supported	Info: 7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=09.100.00.00 (Inbox), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 11 SP4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150504-065208230	Supported	Info: 6532,7502,7737,7907,7945,8145,8381	SAS	LSI 9300-8e {Driver=09.00.00.00 (Async), Firmware=08.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 6.0	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150504-065103945	Supported	Info: 6532,7502,7737,7907,7945,8145,8381	SAS	LSI 9300-8e {Driver=09.00.00.00 (Async), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150504-064752478	Supported	Info: 6532,7502,7737,7907,7945,8145,8381	SAS	LSI 9300-8e {Driver=09.00.00.00 (Async), Firmware=08.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	VMware ESXi 6.0	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12 Gb SAN Boot Yes (BIOS 8.17.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20150420-162227589	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20150420-162023484	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150420-161802972	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150420-161447358	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150420-160818067	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150420-160457456	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150420-160231292	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150420-155855964	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20150405-183515201	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150405-183158784	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150405-182013227	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150330-141708281	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.9.2.0 (Async), Spec=PCIe 12Gb SAS Dual Port, Firmware=07.00.01.00 }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150330-140849591	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.92.0 (Async), Spec=PCIe 12Gb SAS Dual Port, Firmware=07.00.01.00 }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20150330-140532555	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.92.0 (Async), Spec=PCIe 12Gb SAS Dual Port, Firmware=07.00.01.00 }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20150330-140335612	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.92.0 (Async), Spec=PCIe 12Gb SAS Dual Port, Firmware=07.00.01.00 }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150227-092828134	Supported	Info: 6143,7007,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 5.11 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150227-092739793	Supported	Info: 6143,7007,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 5.11 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150227-092428703	Supported	Info: 6143,7007,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 5.11 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20150225-122634557	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150225-122545947	Supported	Info: 7710,7737,8145,8381,7008	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150225-122459648	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150225-121446956	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.6 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150217-094216131	Supported	Info: 7008,7611,7737,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20150217-094056658	Supported	Info: 7008,7611,7737,7889,7996,8145,8381 Alerts: 8329	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7.1 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Red Hat Pacemaker	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150112-091945919	Supported	Info: 6143,6863,7007,7008,7710,7737,7913,7914,7915,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20150112-091711790	Supported	Info: 6863,7007,7008,7710,6143,7737,7913,7914,7915,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; Red Hat Pacemaker	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20150112-091532670	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=8.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20150112-091104930	Supported	Info: 6143,6863,7007,7008,7710,8145,8381,7737	SAS	LSI 9300-8e {Driver=8.00.00.00 (Async), Firmware=7.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.6 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12 GB SAN Boot Yes (BIOS 8.15.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20141224-060136263	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20141224-060101424	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141224-060027572	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141224-055853353	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20141223-134528764	Supported	Info: 6532,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20141223-134414892	Supported	Info: 7251,7299,7500,7737,8145,6532,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141223-134306795	Supported	Info: 6532,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141223-134128834	Supported	Info: 6532,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=07.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20141028-055900747	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20141028-055743497	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141028-055613632	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141028-055328375	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=06.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 6: 8.13.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20141023-090220380	Supported	Info: 6532,7244,7299,7300,7303,7502,7733,7734,7736,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI SAN Boot Yes (Phase 5: 8.11.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20141010-102422515	Supported	Info: 7007,7008,7569,7578,8145,8381	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEV 3.3 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141010-070805683	Supported	Info: 6556,7008,7737,8145,8381 Alerts: 7771,7948,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20141010-070728198	Supported	Info: 6556,7008,7737,8145,8381 Alerts: 7771,7948,8342	SAS	LSI 9300-8e {Driver=04.100.00.00 (Inbox), Firmware=03.00.00.00, Spec=PCle 12Gb SAS Dual Port }	SLES 12 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141009-071421110	Supported	Info: 6554,6687,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=01.100.01.00 (Inbox), Firmware=01.75.04.00, Spec=PCle 12Gb SAS Dual Port }	Novell SLES 11 SP3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Not Applicable	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141009-070347139	Supported	Info: 7008,7611,7710,7737,8145,8381 Alerts: 7612,8329	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.25.0.08.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141009-055914777	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141008-133603331	Supported	Info: 6555,6863,7007,7008,7580,7710,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141008-130223151	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=3.00.00.00 (Inbox), Firmware=02.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141008-130222915	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=3.00.00.00 (Inbox), Firmware=02.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141008-130222682	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=3.00.00.00 (Inbox), Firmware=02.00.00.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Unbreakable Enterprise kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20141008-130013621	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141008-125513519	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141008-125512673	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 7.0 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141008-120936000	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00 (Async), Firmware=4.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.5 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141008-120934992	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.5 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141008-120934237	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.5 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141008-120933080	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.06.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.5 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20141008-111908774	Supported	Info: 7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCle 12Gb SAS Dual Port }	Oracle Linux 6.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20141008-092130119	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.0 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141008-091853146	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.0 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141008-085159305	Supported	Info: 6555,7008,7611,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.250.08.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 7.0 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141008-083037242	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=6.00.00.00 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI SAN Boot Yes (Phase 5: 8.11.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20141008-081035270	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=6.00.00.00 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI SAN Boot Yes (Phase 5: 8.11.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141008-080953466	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=6.00.00.00 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI SAN Boot Yes (Phase 5: 8.11.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141008-074743069	Supported	Info: 6555,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=6.00.00.00 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI SAN Boot Yes (Phase 5: 8.11.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20141008-065936587	Supported	Info: 7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCle 12Gb SAS Dual Port }	CentOS 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20141001-112140461	Supported	Info: 6532,7300,7303,7502,7733,7734,7737,8145,8381,7299	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI SAN Boot Yes (Phase 5: 8.11.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20141001-112139993	Supported	Info: 6532,7299,7300,7303,7502,7733,7734,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI SAN Boot Yes (Phase 5: 8.11.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20141001-112139579	Supported	Info: 6532,7299,7300,7303,7502,7733,7734,7737,8145,8381	SAS	LSI 9300-8e {Driver=06.00.00.00.1 (Async), Firmware=05.00.00.00, Spec=PCle 12Gb SAS Dual Port }	VMware ESXi 5.5 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI SAN Boot Yes (Phase 5: 8.11.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	SANtricity OS 8.20	Direct Attach	Not Applicable
20140905-111410676	Supported	Info: 6143,6863,7007,7008,7569,7688,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEV 3.4 (Hypervisor 6.5)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20140904-125947427	Supported	Info: 6143,6863,7007,7008,7569,7688,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEV 3.4 (Hypervisor 6.5)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140904-125945851	Supported	Info: 6143,6863,7007,7008,7569,7688,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEV 3.4 (Hypervisor 6.5)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140904-125943891	Supported	Info: 6143,6863,7007,7008,7569,7688,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEV 3.4 (Hypervisor 6.5)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140829-131902670	Supported	Info: 7007,7008,7569,7578,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	SANtricity OS 8.20	Direct Attach	[LS] Linux Unified Host Utilities 7.0
20140829-131058318	Supported	Info: 7007,7008,7569,7578,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140829-131056863	Supported	Info: 7007,7008,7569,7578,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140829-131056674	Supported	Info: 7007,7008,7569,7578,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140829-130952227	Supported	Info: 7007,7008,7569,7577,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.3)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140829-130950457	Supported	Info: 7007,7008,7569,7577,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.3)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140829-130949909	Supported	Info: 7007,7008,7569,7577,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.4 (Hypervisor 6.3)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140821-112528343	Supported	Info: 6820,6822,6939,7074,7161,7546,8145,8381	SAS	LSI 9300-8e {Driver=02.50.8 0.00 (Async), Firmware=04.00 .01.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140821-111436964	Supported	Info: 6820,6822,6939,7074,7161,7546,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140821-111222315	Supported	Info: 6820,6822,6939,7074,7161,7546,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140821-110956328	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140821-110726609	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140821-110415187	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140817-190121240	Supported	Info: 6525,6821,6822,7161,7533,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20140817-185517617	Supported	Info: 6525,6821,6822,7161,7533,8145,8381	SAS	LSI 9300-8e {Driver=02.50.80.00 (Async), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Windows Unified Host Utilities 7.0
20140817-183310431	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.65.01 (Inbox), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); Microsoft Virtual Yes	Not Applicable	SANtricity OS 8.20	Direct Attach	Windows Unified Host Utilities 7.0
20140817-182707019	Supported	Info: 7546,7547,7623,8145,8381,6822,7074,7161,7226	SAS	LSI 9300-8e {Driver=02.50.65.01 (Inbox), Firmware=04.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140710-152043087	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140710-151624814	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140710-150846559	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	CentOS 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140710-114314522	Supported	Info: 7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140710-114148176	Supported	Info: 7007,7008,8145,8381,7737	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140710-113459386	Supported	Info: 7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=5.00.00.00 (Async), Firmware=4.00.01.00, Spec=PCIe 12Gb SAS Dual Port }	Oracle Linux 6.4 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 4: 8.09.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140710-112938351	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140710-112826882	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140710-105404411	Supported	Info: 6143,6863,7007,7008,7710,7737,8145,8381	SAS	LSI 9300-8e {Driver=4.00.00.00 (Async), Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 6.5 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140604-150023767	Supported	Info: 7008,7611,7737,8145,8381 Alerts: 7612,8329	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.25 0.08.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140604-144459912	Supported	Info: 7008,7611,7737,8145,8381 Alerts: 7612,8329	SAS	LSI 9300-8e {Driver=02.100.00.00 (Inbox), Firmware=01.25 0.08.00, Spec=PCle 12Gb SAS Dual Port }	RHEL Server 7 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140502-120335303	Supported	Info: 6143,7007,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00 .00.00, Spec=PCle 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	RHEL Server 5.10 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140502-120216957	Supported	Info: 6143,7007,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00 .00.00, Spec=PCle 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	RHEL Server 5.10 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140502-100838297	Supported	Info: 6143,7007,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00 .00.00, Spec=PCle 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	RHEL Server 5.10 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140423-134621347	Supported	Info: 7007,7008,7569,7577,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.3 (Hypervisor 6.3)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140423-134619022	Supported	Info: 7007,7008,7569,7577,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	RHEV 3.3 (Hypervisor 6.3)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140423-134602785	Supported	Info: 7007,7008,7569,7577,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEV 3.3 (Hypervisor 6.3)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140423-130043901	Supported	Info: 7007,7008,7569,7578,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEV 3.3 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140423-130024988	Supported	Info: 7007,7008,7569,7578,7737,8145,8381 Alerts: 6837	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEV 3.3 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140422-160521830	Supported	Info: 7007,7008,7569,7578,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEV 3.3 (Hypervisor 6.4)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	SAN Boot No	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140319-072903620	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Oracle Linux 6.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140319-072608201	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Oracle Linux 6.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140319-072244078	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Oracle Linux 6.3 64-bit (Red Hat compatible kernel)	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140306-120519171	Supported	Info: 6532,7251,7299,7300,7302,7303,7734,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	VMware ESXi 5.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140306-120518941	Supported	Info: 7303,7734,7737,8145,8381,6532,7251,7299,7300,7302	SAS	LSI 9300-8e {Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	VMware ESXi 5.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140306-120518702	Supported	Info: 6532,7251,7299,7300,7302,7303,7734,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00.00.00, Spec=PCIe 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	VMware ESXi 5.5 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140207-125733301	Supported	Info: 6532,7244,7251,7299,7500,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.250.08.00 }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140207-125733034	Supported	Info: 6532,7244,7251,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.250.08.00 }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20140207-125732797	Supported	Info: 6532,7244,7251,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.250.08.00 }	VMware ESXi 5.1 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20140128-122718337	Supported	Info: 6532,7244,7251,7299,7300,7301,7500,7734,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	VMware ESXi 5.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20140128-122718012	Supported	Info: 6532,7244,7251,7299,7300,7301,7734,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	VMware ESXi 5.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20140128-122717690	Supported	Info: 6532,7244,7251,7299,7300,7301,7734,7737,8145,8381	SAS	LSI 9300-8e {Firmware=3.00.00.00, Spec=PCle 12Gb SAS Dual Port, Driver=4.00.00.00.1 (Async) }	VMware ESXi 5.5	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 3: 8.07.00.00); VMware ESX DRS; VMware ESX Storage DRS; VMware ESX Storage Vmotion; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20131122-165808061	Supported	Info: 6554,6687,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=01.100.01.00 (Inbox), Firmware=01.75.04.00, Spec=PCle 12Gb SAS Dual Port }	Novell SLES 11 SP3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.2	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131121-115848145	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.250.08.00 }	CentOS 6.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20131121-115711843	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	CentOS 6.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20131121-115206946	Supported	Info: 6687,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	CentOS 6.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler	Not Applicable	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131121-103431354	Supported	Info: 6143,6687,7007,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 5.9 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131121-084452122	Supported	Info: 7737,8145,8381,6532,6534,7299,7500	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	VMware ESXi 5.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131121-084415525	Supported	Info: 6532,6534,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	VMware ESXi 5.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20131121-084241208	Supported	Info: 6532,6534,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	VMware ESXi 5.0 (Update 3)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20131120-124115671	Supported	Info: 6822,7074,7161,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.6.5.01 (Inbox), Firmware=01.25.0.08.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20131120-123457192	Supported	Info: 6820,6822,6939,7074,7161,754,8145,8381	SAS	LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.02.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131120-115121110	Supported	Info: 6554,6555,6687,6736,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Novell SLES 11 SP2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	
20131120-110720382	Supported	Info: 6554,6555,6687,7007,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Novell SLES 10 SP4 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.0	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131112-163903523	Supported	Info: 6554,6555,6687,6863,7007,7008,7580,7710,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131111-113916087	Supported	Info: 6554,6687,6824,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131028-115637546	Supported	Info: 6532,6534,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	VMware ESXi 5.1 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20131028-115605755	Supported	Info: 6532,6534,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	VMware ESXi 5.1 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20131028-115537974	Supported	Info: 6532,6534,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	VMware ESXi 5.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20131028-115455646	Supported	Info: 6532,6534,7299,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	VMware ESXi 5.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); VMware ESX DRS; VMware ESX Vmotion	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20131028-115225103	Supported	Info: 6532,6534,7500,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	VMware ESXi 5.0 (Update 2)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131028-115047932	Supported	Info: 6532,6534,7500,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25 0.08.00 }	VMware ESXi 5.1 (Update 1)	x86-64 Rack Server	VMware Distributed with ESX	VMware HA	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Not Applicable
20131023-065806127	Supported	Info: 6822,7074,7162,7226,7546,754,7,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.6 5.01 (Inbox), Firmware=01.25 0.08.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20131023-065649780	Supported	Info: 6822,7074,7226,7546,7547,7623,8145,8381	SAS	LSI 9300-8e {Driver=02.50.6 5.01 (Inbox), Firmware=01.25 0.08.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2012 Hyper-V R2; Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00); Microsoft Virtual Yes	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20130916-091557420	Supported	Info: 6525,6821,6822,7161,7533,8145,8381	SAS	LSI 9300-8e {Driver=02.50.6 6.00 (Async), Firmware=01.75 .02.00, Spec=PCIe 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 8.10	Direct Attach	Windows Unified Host Utilities 7.0

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20130916-082043642	Supported	Info: 6526,6820,6822,6939,7546,8145,8381	SAS	LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20130916-081844739	Supported	Info: 6526,6820,6822,6939,7162,7546,8145,8381	SAS	LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2012 Hyper-V; Microsoft Windows Server 2012 SE (64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20130916-081629638	Supported	Info: 6525,6821,6822,7533,8145,8381	SAS	LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Windows Unified Host Utilities 7.0
20130916-080654108	Supported	Info: 6821,6822,7162,7533,8145,8381,6525	SAS	LSI 9300-8e {Driver=02.50.66.00 (Async), Firmware=01.75.01.00, Spec=PCle 12Gb SAS Dual Port }	Microsoft Windows Server 2008 Hyper-V R2 SP1; Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64)	x86-64 Rack Server	NetApp E-Series DSM	Microsoft Failover Clustering	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Windows Unified Host Utilities 7.0
20130913-062520466	Supported	Info: 6554,6555,6687,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=01.100.01.00 (Inbox), Firmware=01.75.04.00, Spec=PCle 12Gb SAS Dual Port }	Novell SLES 11 SP3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.2	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20130913-062031381	Supported	Info: 6554,6555,6687,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Driver=01.100.01.00 (Inbox), Firmware=01.75.04.00, Spec=PCIe 12Gb SAS Dual Port }	Novell SLES 11 SP3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.1.1	LSI 12G SAS SAN Boot Yes (Phase 1: 8.03.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20130913-061226944	Supported	Info: 6554,6555,6687,6736,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Novell SLES 11 SP2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	
20130913-060808902	Supported	Info: 6554,6555,6687,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Novell SLES 11 SP2 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20130912-141318619	Supported	Info: 6554,6555,6687,7007,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Novell SLES 10 SP4 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.0	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20130912-133426754	Supported	Info: 6554,6555,6687,7007,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	Novell SLES 10 SP4 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	SteelEye LifeKeeper for Linux 8.0	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20130912-131014006	Supported	Info: 6555,6687,6863,7007,7008,7580,6554,7710,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; SteelEye LifeKeeper for Linux 8.1.2	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20130912-130105858	Supported	Info: 6555,6687,6863,7007,7008,6554,7580,7710,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.4 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; SteelEye LifeKeeper for Linux 8.1.2	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20130912-125823009	Supported	Info: 6554,6687,6824,7007,7008,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCIe 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable

Name	Status	Foot notes	Protocol	Host HBA	Host OS (OS)	Host Platform	Host Multipath	Host Clustering	Host Feature	Software Initiator	NetApp OS	Storage Attachment	Host Utilities
20130912-125125959	Supported	Info: 6554,6687,6824,7007,7008,773,7,8145,8381	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 6.3 64-bit	x86-64 Rack Server	Device Mapper (DM-MP) RDAC Prioritizer - RDAC Handler; NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable
20130912-124223205	Supported	Info: 6143,6687,7007,8145,8381,7737	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 5.9 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.84	Direct Attach	Not Applicable
20130912-123220537	Supported	Info: 6143,6687,7007,7737,8145,8381	SAS	LSI 9300-8e {Spec=PCle 12Gb SAS Dual Port, Driver=3.00.00.00 (Async), Firmware=01.25.0.08.00 }	RHEL Server 5.9 64-bit	x86-64 Rack Server	NetApp E-Series RDAC/MPP	Red Hat Cluster Suite; SteelEye LifeKeeper for Linux 8.1.1	LSI 12Gb SAS SAN Boot Yes (Phase 2: 8.05.00.00)	Not Applicable	[EOVS] SANtricity OS 7.86	Direct Attach	Not Applicable

Alerts

Note ID	Text
8841	<p>It is required to install multiple patches to SLES 12 SP2 before it can be considered safe to attach E-Series storage. Execute the following commands to install the appropriate patches:</p> <pre>zypper in -t patch SUSE-SLE-SERVER-12-SP2-2017-6=1 zypper in -t patch SUSE-SLE-SERVER-12-SP2-2017-87=1 zypper in -t patch SUSE-SLE-SERVER-12-SP2-2017-567=1 zypper in -t patch SUSE-SLE-SERVER-12-SP2-2017-697=1 zypper in -t patch SUSE-SLE-SERVER-12-SP2-2017-1146=1 zypper in -t patch SUSE-SLE-SERVER-12-SP2-2017-1364=1 (needed for IB only)</pre> <p>NOTE:you may query installed patches with the command: <code>zypper se -i -t patch</code></p>
8329	<p>[CQ 200822554][RHBZ 1312011] systemd may cause improper automatic unmounts after path failure.</p> <p>Manually edit 99-systemd.rules with the following command.</p> <pre>sed -i '/DM_UDEV_DISABLE_OTHER_RULES_FLAG/s/.*[SUBSYSTEM=="block", KERNEL!="ram*", ACTION=="add", ENV{DM_UDEV_DISABLE_OTHER_RULES_FLAG}=="1", ENV{SYSTEMD_READY}="0" /usr/lib/udev/rules.d/99-systemd.rules</pre> <p>Upgrading to at least systemd-219-20 also integrates the above fix.</p> <p>See also NetApp KB: https://kb.netapp.com/support/index?page=content&id=2027035</p>
7948	<p>Netapp requires customer to use Multipath version: 0.5.0-33.1 with SLES12 due to the following Bugzilla 900758</p> <p>Patch name: SUSE-SLE-SERVER-12-2015-124</p>
8530	<p>Requires: KB3192366 - Cumulative Update that includes several Cluster/HypverV VMs migration fixes.</p> <p>https://support.microsoft.com/en-us/kb/3192366</p> <p>*Microsoft Bug: 8375721, 8217734</p>

8562	[CQ 935102][RedHat BZ 1380515] An open issue with Pacemaker's exportfs resource can cause optimal nodes to get fenced out of the cluster after a failed node returns to the cluster. It is recommended that customers avoid running with exportfs resources until a fix is provided but if a customer does fall into this scenario, reboots of the fenced out nodes should allow them to rejoin the cluster successfully.
8851	<p>[CQ 007119] SLES 12.1 Host Panic</p> <p>A host may experience a panic if a condition in the SAN exists that causes the controller FC ports to reset (LIP). Conditions that could cause this to occur include: a faulty SFP, cable or other faulty hardware.</p> <p>The host should automatically come up if the kernel crash dump is enabled. Otherwise a powercycle of the host may be required.</p> <p>A fix for this issue is included in z-stream kernel (3.12.57-60.35.1) https://http://www.suse.com/support/update/announcement/2016/suse-su-20161019-1.html</p>
6837	[CQ 363464] E5400 and EF540 storage arrays in direct-connect configurations utilizing the fibre channel protocol can experience a controller reboot if a cable is removed or intermittently malfunctions when Data Assurance is enabled on any volumes servicing IOs. In extreme situations where connectivity is lost repeatedly over a short period of time, this could cause the controller to lockdown and thus, no longer capable of servicing IOs. The firmware levels that contain this issue are 7.83 version 07832500 and greater, 7.84 version 07843900 and greater, and all versions of 7.86. The problem is understood and a fix is being developed. This scenario does not exist in fabric-connect configurations.
8566	<p>[CQ887277] Restricted: VMware ESXi 6.7 or 6.5 vMotion fails during heavy IO load/profile - SR16230930209/SR1618672800</p> <p>Hardware/Software Dependencies: VMware ESXi 6.7 or 6.5 VMware ESXi host clustering VMware ESXi vMotion VMware ESXi DRS (Distributed Resource Scheduler)</p> <p>Problem Background: Using a heavy IO profile on multiple virtual machines on a VMware ESXi 6.7 or 6.5 host cluster, migration of VMs between hosts using VMware's vMotion feature may fail with an error message that reads: "A general system error occurred: Invalid fault or operation timed out error"</p> <p>Service Requests (SR) have been submitted with VMware (16230930209 and 16186728007) for this particular issue. VMware root-caused the issue, isolating it to be a problem with "networkProvider lock contention".</p> <p>Root Cause: VMware has root-caused this failure and isolated it to "networkProvider lock contention".</p> <p>Workaround: Reducing IO load profile will allow for vMotion to complete successfully. However, if that is not possible, ensure that virtual machines are balanced across all nodes in a VMware host cluster, and disable vSphere DRS (Distributed Resource Scheduler).</p>
8342	<p>[CQ 766594][Novell BZ 963290] systemd may attempt to unmount filesystem on path state change.</p> <p>Install lvm maintenance package: lvm2 631 (lvm2-2.02.98-54.1)</p> <p>Modify 99-systemd.rules with the following SED command:</p> <pre>sed -i '/DM_UDEV_DISABLE_OTHER_RULES_FLAG/s/.*[SUBSYSTEM=="block", KERNEL!="ram*", ACTION=="add", ENV{DM_UDEV_DISABLE_OTHER_RULES_FLAG}=="1", ENV{SYSTEMD_READY}="0"] /usr/lib/udev/rules.d/99-systemd.rules</pre> <p>It is also not recommended to use the udisks package as it is designed for desktop systems and may also cause unmounting of filesystems.</p> <p>See also: https://kb.netapp.com/support/index?page=content&id=2027035</p>
8567	[CQ928972] Restricted: VMware ESXi 6.7 or 6.5 hosts reporting Invalid Sense Data during Straight IO - SR 16265347210

8443	<p>[CQ729511] Restricted: Data corruption on VMware 5.x and 6.x against pRDM on Linux VMs</p> <p>This issue affects Linux based virtual machines and physical RDM only. During a path loss failover, a read request to a LUN backed by a physical RDM may return stale data. A path loss failover can be caused by events such as: storage controller reboot (including during a controller firmware upgrade), storage controller failure or a bad path in the SAN caused by faulty hardware such as switch, cable or SFP.</p> <p>Host impact will depend on how the application will react to receiving stale data. This could potentially cause data corruption and/or an application or host panic. The issue seems to be transient and a re-read will return the correct data.</p> <p>It is recommended to use virtual RDMs or virtual disks instead of physical RDMs on Linux VMs due to this issue.</p>
7771	<p>All hosts with local disk installations of SLES12 will see this issue every time on reboot, given following conditions are true.</p> <ol style="list-style-type: none"> 1. Non SAN boot system. 2. Multipathing is not enabled during installation. 3. Root device is not blacklisted in /etc/multipath.conf. 4. Multipathd service is enabled only after installation. <p>Once the system is in Emergency mode, users can perform following steps recover the system.</p> <ol style="list-style-type: none"> 1. Blacklist the root device in /etc/multipath.conf. <p>Command 'multipath -v2' will result in an output like:</p> <pre>Jul 29 10:10:03 3600508b1001030343841423043300400: ignoring map</pre> <p>Verify that string between ' ' and ':' is the wwid of the root device, which should be added to /etc/multipath.conf as:</p> <pre>blacklist { wwid "3600508b1001030343841423043300400" }</pre> <p>With this the system will not try to create multipath device for local root device.</p> <ol style="list-style-type: none"> 2. Run 'systemctl reboot' to reboot the system.
7612	<p>[CQ556207] Inbox Pacemaker Cluster is not supported due to issues that prevent expected behavior.</p> <ol style="list-style-type: none"> 1. Nodes are not able automatically to rejoin cluster after a node reboot. 2. Pacemaker cluster services in optimal node stop during node failure <p>Fixes are targeted for RHEL 7.1</p>

Info

Note ID	Text
7907	<p>VMware ESXi 6.0 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: RHEL 5.10, RHEL 6.6, RHEL 7.0, OEL 6.5, SLES 10.4, SLES 11.3, Solaris 10U10, Solaris 11U2, Windows 2008, Windows 2008 R2, Windows 2012, Windows 2012 R2</p>
8808	<p>VMware ESXi 6.5 U1 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: CentOS 6.8, RHEL 5.11, RHEL 6.9, RHEL 7.3, OEL 6.8, SLES 11.4, SLES 12.2, Solaris 10U10, Solaris 11U2, Windows 2008, Windows 2008 R2, Windows 2012, Windows 2012 R2, Windows 2012 R2 U1, and Windows 2016</p>

8809	<p>VMware ESXi 6.7 or 6.5</p> <p>For VMware ESXi 6.7 or 6.5 hosts using 12 Gb Avago/LSI-equivalent SAS host bus adapters (HBAs), use of the legacy mpt3sas driver is required. The inbox lsi_msgpt3 driver will attempt to override the mpt3sas driver and claim storage from such HBAs by default. If lsi_msgpt3 driver is not disabled, logical units (LUNs) may disappear at random and many VMware features (i.e. vMotion) may be dysfunctional.</p> <p>Steps to use the mpt3sas driver are as follows:</p> <ol style="list-style-type: none"> 1. Install the out-of-box mpt3sas driver, as detailed in this solution. 2. Disable the inbox lsi_msgpt3 driver by executing the following shell command on the host: `esxcli system module set -e false -m lsi_msgpt3`; 3. Place the host in maintenance mode and reboot. 4. After reboot, execute the shell command `esxcli storage core adapter list` on the host. Output from the command should detail that your specific vmhba name (i.e. vmhba1) is now using the mpt3sas driver.
7913	<p>[CQ643265][RHBZ 1148620] RedHat 6.6 / 6.7 / 6.8 / 6.9 Active/Active Pacemaker nfs-lvm_monitor timed out cause cluster nodes to reboot</p> <p>Controller online/offline, at some iteration may cause the "nfs-lvm_monitor" resource time out (default timeout value is 30 seconds) in Active/Active pacemaker cluster systems, which then cause cluster nodes to randomly reboot.</p> <p>Increasing lvm monitor timeout to 600 seconds from default 30 seconds is the workaround for this issue. Customer may use the following command to increase/update the timeout :</p> <pre>pcs resource update <lvm name> LVM exclusive=true op monitor interval=10s timeout=600s</pre>
7914	<p>[CQ686900][RHBZ 1198638]RedHat 6.6 / 6.7 SAS Active/Active Pacemaker node fail to join cluster during automated node failure test</p> <p>Random times a node is unable to successfully join cluster after reboot in Active/Active pacemaker systems. The shutdown request for the rebooted node does not get cleared from that node's transient attributes fast enough. The result is, the node comes back online and pacemaker determines it should still be shutdown.</p> <p>Recovery step is restarting cluster in the node which was unable to successfully join the cluster after reboot.</p>
7915	<p>[CQ682499]RedHat 6.6 / 6.7 / 6.8 / 6.9 Active/Active Pacemaker exportfs timeout during path failover.</p> <p>In Active/Active pacemaker systems exportfs timeout needs to be a higher value than hba timeout value to avoid IO timeout during path failure. Customer may use the following command to edit exportfs timeout value :</p> <pre>pcs resource update <exportfs resource name> exportfs op monitor interval=10s timeout=40s</pre>
7533	<p>Requires: KB2869606 - The LUN for a storage device is lost when multiple paths are lost concurrently in Windows</p> <p>http://support.microsoft.com/kb/2869606/en-us</p>
8565	<p>VMware ESXi 6.5 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: CentOS 6.8, RHEL 5.11, RHEL 6.8, RHEL 7.2, OEL 6.8, SLES 11.4, SLES 12.1, Solaris 10U10, Solaris 11U2, Windows 2008, Windows 2008 R2, Windows 2012, Windows 2012 R2, Windows 2012 R2 U1, and Windows 2016</p>

7161	<p>Setting Group: Windows SAS LSI 3.2</p> <p>Description: Settings for use with DSM 2.0</p> <p>SAS ports each have 4 phys, with each having its own address. The addresses will be the same, with the exception of the last digit changing. On single-port HBAs, the last digit of the address will range from 0-3, and on dual-port HBAs, the last digit of the address can range from 0-7. SAS HBAs based on LSI / Avago controllers set the addresses on the phys based on when the links are established (Auto port setting). To avoid any potential issues that may occur by a phy getting a different address, it is recommended to map all possible phy addresses as Host Port Identifiers for the host in SANtricity.</p> <p>To map the addresses, in SANtricity, select the Host and go to Manage Host Port Identifiers. Make note of the address ending in 0. You will then select 'Add' and choose the option to 'Add by creating a new host port identifier' and put in that same address, but changing the last digit to accommodate for the possible different addresses (single port HBA: 0-3, dual port HBA: 0-7).</p> <p>For example, say our dual-port HBA host logs into the storage array with phy address 500605b003888ac70. We would then add as host port identifiers, for the same host, addresses 500605b003888ac71, 500605b003888ac72, 500605b003888ac73, 500605b003888ac74, 500605b003888ac75, 500605b003888ac76, 500605b003888ac77. Note the addresses are the same EXCEPT for the last digit. This now gives the storage array the ability to handle any of the possible phy addresses for the HBA.</p> <p>Modify HBA settings using following steps:</p> <ol style="list-style-type: none"> 1. Enter HBA Bios settings at bootup 2. Select SAS adapter 3. Select "Advance Adapter Properties" 4. Select "Adapter Timing Properties" 5. Set timing values <p>Timing Values: Device Missing Report Delay: Sets the value to "10". Default is "0". Device Missing I/O Delay: Sets the value to "5". Default is "0". Port Configuration: Default is "Auto". Use default value.</p>
7546	<p>Requires: KB2869606 - The LUN for a storage device is lost when multiple paths are lost concurrently in Windows</p> <p>http://support.microsoft.com/kb/2869606/en-us</p>
7162	<p>Setting Group: Windows SAS LSI 3.1</p> <p>Description: For use with components that support only Fast Failover timeouts 7.83 and above. DSM must be 01.03.0300.06xx or later.</p> <p>Host Bus Adapter (HBA) settings can be set by installing the HBA firmware package "Part B" available at http://www.lsi.com/sep/Pages/netapp.aspx This modifies the following settings for you: Device Missing Report Delay: Sets the value to "10". Default is "0". Device Missing I/O Delay: Sets the value to "5". Default is "0". Port Configuration: Sets the SAS port to "Wide" configuration. Default is "Auto".</p> <p>The below settings are configured during the installation of NetApp's E-Series DSM. They are provided for verification reference but should not need to be manually set or changed.</p> <p>MPIO Settings (HKLM\SYSTEM\CurrentControlSet\Services\mppdsm\Parameters): ArrayIoWaitTime 240 ControllerIoWaitTime 120 DisableLunRebalance 4</p>
7547	<p>Requires: KB2919442 - prerequisite KB2919355-</p> <p>U1 update for Windows 2012 R2 - April 2014</p> <p>http://support.microsoft.com/kb/2919422/en-us http://support.microsoft.com/kb/2919355/en-us</p>
8316	<p>VMware ESXi 6.0 U2 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: CentOS 6.7, RHEL 5.11, RHEL 6.7, RHEL 7.1, RHEL 7.2, OEL 6.5, SLES 11.4, SLES 12, Solaris 10U10, Solaris 11U2, Windows 2008, Windows 2008 R2, Windows 2012, Windows 2012 R2, and Windows 2012 R2 U1</p>

6525	<p>Requires: KB2522766 - The MPIO driver fails over all paths incorrectly when a transient single failure occurs in Windows Server 2008 or in Windows Server 2008 R2</p>
8317	<p>VMware ESXi 6.0 (update 2)</p> <p>For VMware ESXi 6.0 hosts using 12 Gb Avago/LSI-equivalent SAS host bus adapters (HBAs), use of the legacy mpt3sas driver is required. The inbox lsi_msgpt3 driver will attempt to override the mpt3sas driver and claim storage from such HBAs by default. If lsi_msgpt3 driver is not disabled, logical units (LUNs) may disappear at random and many VMware features (i.e. vMotion) may be dysfunctional.</p> <p>Steps to use the mpt3sas driver are as follows:</p> <ol style="list-style-type: none"> 1. Install the out-of-box mpt3sas driver, as detailed in this solution. 2. Disable the inbox lsi_msgpt3 driver by executing the following shell command on the host: 'esxcli system module set -e false -m lsi_msgpt3'; 3. Place the host in maintenance mode and reboot. 4. After reboot, execute the shell command 'esxcli storage core adapter list' on the host. Output from the command should detail that your specific vmhba name (i.e. vmhba1) is now using the mpt3sas driver.
6526	CQ271765 - [WIN NEXT] CFW Upgrade via SMcli takes more than 40 minutes to complete with Stress IO
6143	CQ240406 - (RH Bugzilla# 749044) Cluster services cannot transfer resources between nodes when client mounts with NFSv4.
7299	<p>CQ449606: Various issues with Fault Tolerance Feature on ESXi 5.x Versions</p> <p>FT Enabled VMs lose HA protections FT Enabled VMs lose Secondary VM FT Enabled Secondary becomes orphaned FT Enabled RH 5.8 VM Crashes</p>

6532

- Configure SCSI disk I/O timeout and/or bus timeout/retry settings on all VMs.

Linux:

The \"udev\" facility is the best way to automatically configure disk timeouts when new disks are added to a VM and at boot time. The VMware Tools package generally lays down a udev configuration file that handles setting disk I/O timeouts to 180 seconds for virtual disks and virtual RDMs. However, this doesn't cover physical RDMs for which the vendor ID and product ID information varies depending on the actual underlying storage array. This information is ONLY exposed for physical RDMs (pRDMs). The file added by the Tools package can usually be found at the following path, though it could vary depending on your Linux OS.

/etc/udev/rules.d/99-vmware-scsi-udev.rules

In order to set this up for pRDMs, the file must be modified to include the vendor and product IDs of the array. A simple way to get this information for any pRDMs currently added to the VM is to run the following command and look at the \"Vendor\" and \"Model\" information:

cat /proc/scsi/scsi

The vendor and model fields in the udev rules file have fixed-widths of 8 and 16 characters, respectively. Note the additional white space padding in the example above.

Once this file has been modified, you can either restart udev, or reboot the VM to activate the changes.

Solaris:

In addition to configuring disk I/O timeouts, it's necessary to configure bus retry/timeout settings. Configuring disk timeouts is done by appending the following line to the indicated file:

/etc/system

set sd:sd_io_time=180

For bus retry/timeout settings, a more complicated entry must be added.

This entry depends on the array vendor and model information. Here are examples of the entries that must be added to the indicated file:

/kernel/drv/sd.conf

(Solaris 10U7 and earlier):

sd-config-list=
"VMware Virtual disk ", "netapp-sd-config",
"LSI INF-01-00 ", "netapp-sd-config";
"NETAPP INF-01-00 ", "netapp-sd-config";
netapp-sd-config=1,0x9c01,32,0,0,0,0,0,0,0,0,0,40,40,40,0,0,8,0,0;

(Solaris 10U8 and later):

sd-config-list=
"VMware Virtual disk ", "retries-timeout:5,retries-notready:40,retries-busy:40,retries-reset:40",
"LSI INF-01-00 ", "retries-timeout:5,retries-notready:40,retries-busy:40,retries-reset:40";
"NETAPP INF-01-00 ", "retries-timeout:5,retries-notready:40,retries-busy:40,retries-reset:40";

Note the white space padding for the vendor and product information. It must be 8 characters for vendor and 16 characters for product ID.

After configuring these files, a restart of the VM is required to activate the timings. To validate that the settings have taken effect, you can use the following commands:

echo \"sd_state::walk softstate::print struct sd_lun\" | mdb -k > /tmp/sd_state.out
grep un_cmd_timeout /tmp/sd_state.out
grep un_busy_retry_count /tmp/sd_state.out
grep un_notready_retry_count /tmp/sd_state.out
grep un_reset_retry_count /tmp/sd_state.out

Windows:

In order to configure disk I/O timeouts for all Windows OS version, you simply need to edit a single registry key:

[HKEY_LOCAL_MACHINE\\SYSTEM\\CurrentControlSet\\Services\\Disk]
\"TimeOutValue\"=dword:000000b4

Once that's done, simply restart the VM.

7300

ESXi version 5.5
CQ458505: VM becomes unresponsive due to Virtual Flash Cache Module failure.

This feature is not currently supported on virtual disks and virtual RDMs

7301	<p>ESXi Version 5.5 CQ461505: Failure on Linux VMs with paravirtual adapter.</p> <p>The paravirtual adapter is restricted on Linux Virtual Machines. Recommend using a SCSI controller other than the Paravirtual controller on Linux VMs.</p>
7302	<p>ESXi Versions 5.1 and newer.</p> <p>CQ376868: HA Cluster VM fails to boot after changing to a different host during node failure.</p> <p>To recover the VM and have it boot up, migrate the VM to a different node in the Cluster or power the VM off and back on again.</p>
6534	<p>Failover Handlers:</p> <p>vmw_satp_lsi - supported on programs older than 7.83 vmw_satp_alua - supported on programs 7.83 and above</p> <p>VMWare 5.0U1+ and 4.1U3+ claim rules will automatically choose the appropriate handler. For previous OS versions ALUA must be implemented manually:</p> <pre>4.1UX # esxcli nmp satp deleterul -s VMW_SATP_LSI -V LSI -M INF-01-00 # esxcli nmp satp addrule -V LSI -M INF-01-00 -c tpgs_off -s VMW_SATP_LSI 5.0 # esxcli storage nmp satp rule add -s VMW_SATP_ALUA -V LSI -M INF-01-00 -c tpgs_on</pre>
7303	<p>ESXi version 5.5 CQ454350: failed storage vMotion when sDRS Service initiated a vMotion operation on a VM with RDMS (raw device mappings) and VM was powered off.</p> <p>This failure does not occur everytime, but this feature is restricted when using RDMS.</p>
7688	<p>RHEV Hypervisor - 6.5 - 20140725.0.el6ev is the version recommended by NetApp.</p>
7945	<p>VMware ESXi 6.0</p> <p>For VMware ESXi 6.0 hosts using 12 Gb Avago/LSI-equivalent SAS host bus adapters (HBAs), use of the legacy mpt3sas driver is required. The inbox lsi_msgpt3 driver will attempt to override the mpt3sas driver and claim storage from such HBAs by default. If lsi_msgpt3 driver is not disabled, logical units (LUNs) may disappear at random and many VMware features (i.e. vMotion) may be dysfunctional.</p> <p>Steps to use the mpt3sas driver are as follows:</p> <ol style="list-style-type: none"> 1. Install the out-of-box mpt3sas driver, as detailed in this solution. 2. Disable the inbox lsi_msgpt3 driver by executing the following shell command on the host: `esxcli system module set -e false -m lsi_msgpt3` 3. Place the host in maintenance mode and reboot. 4. After reboot, execute the shell command `esxcli storage core adapter list` on the host. Output from the command should detail that your specific vmhba name (i.e. vmhba1) is now using the mpt3sas driver.
8461	<p>Inbox OS and HBA settings are supported. No additional OS or HBA settings are required for this to be a supported solution.</p>
7569	<p>Guest OS Support Recommendations :</p> <ol style="list-style-type: none"> a. PV Drivers must be installed on each virtual Machine. Running a VM without installing the PV Drivers is not a supported configuration. b. Windows VMs : The para-virtualized drivers (virtio-win) are required to be installed in the Windows guests. The drivers are made available as images in the Supplementary channel of the RHEL. c. See RHEV support for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes. Guest OSes (GOS) tested with are: RHEL 5.9, RHEL 5.10, RHEL 6.3, RHEL 6.4, RHEL 6.5, SLES 10.4, SLES 11.2, SLES 11.3, Windows 2007, Windows 2008 R2 and Windows 2012 d. NetApp recommends virtio disks. SCSI disk can be used with a time out value of 180 seconds. <p>RHEV Manager: If you are using RHEV-M 3.4 netapp recommends to use their minor release RHEV-M Version: 3.4.1-0.31.el6ev</p>
7577	<p>rhev-hypervisor -6.3-20130129.0.iso is the version recommended by NetApp.</p>

7578	rhev-hypervisor -6.4-20131016.0.iso is the version recommended by NetApp.
6554	CQ182428 - LK quickCheck with DMMP fails too quickly, causing unexpected resource transfer
6555	<p>[CQ284206] [RHBZ 813105] SAS HBA hangs in the DMD phase for unexpected long period of time on RHEL6.2 and RHEL 6.3, which causes IO to terminate.</p> <p>When an HBA that uses the mpt2sas driver is connected to a storage using a LSI SAS switch model 6160, the driver may become unresponsive during Controller Fail Drive Fail (CFDF) testing.</p> <p>This is due to faulty firmware that is present on the switch. To fix this issue, use a newer version (14.00.00.00 or later) of firmware for the LSI SAS 6160 switch.</p>
6939	<p>Requires: KB2822241 - Windows 8 and Windows Server 2012 cumulative update: April 2013</p> <p>http://support.microsoft.com/kb/2822241</p>
6556	<p>Multipath rdac checker does not retry inquiry after a DID_SOFT_ERROR status is returned causing immediate failover if the host cable is removed from the array.</p> <p>Redhat: [NetApp CQ301013][RHBZ 829065] Novell: [NetApp CQ579172][NOVELLBZ 877411]</p>
7580	<p>[CQ 526690] Soft lockup may trigger on RHEL 6.4 due to high memory load conditions</p> <p>this is known issue on RHEL 6.4 (kernel 2.6.32-358.2.1.el6) OS where the system is running with..</p> <ol style="list-style-type: none"> 1) number of KVM virtual machines which are using vhost networking 2) a system under memory pressure (i.e several GBs of swap in use) 3) a system under network load <p>as a workaround,either the user can reduce memory pressure (on the system),</p> <ul style="list-style-type: none"> - by adding RAM to system <p>or</p> <ul style="list-style-type: none"> - Reduce number of VMs <p>or</p> <ul style="list-style-type: none"> - Reducing the number of tasks running on the system consuming memory
7710	<p>[CQ567225][RHBZ 1103282] udisks-daemon unmounts filesystem on multipath device</p> <p>udisks-daemon randomly unmouts the filesystems on RedHat systems with a large number of volumes mapped.</p> <p>The workaround is to uninstall udisks package from the system. Redhat suggested to remove this package as it was designed only for Desktop systems.</p> <ol style="list-style-type: none"> 1. Get the udisks package installed on the system <pre>#rpm -qa grep udisks</pre> 2. Uninstall the udisks package. <pre>#rpm -e <udisks package name></pre>

6687	<p>For more information on IBM GPFS you can visit www.ibm.com</p> <p>The E-Series GEO leaders are: Mike Wallace à USPS Joe Santamorena à Americas Gunther Thiel à EMEA Jeffery Chang - APAC</p> <p>Will AIX be supported? The AIX operating system does not recognize the NetApp branded E-Series products and therefore we cannot support GPFS on AIX at this time.</p> <p>Will Windows be supported? Windows will not be supported with GPFS on the IMT at the initial release. An FPVR will need to be filed and approved to obtain support for GPFS with Windows.</p> <p>What types of tools can NetApp provide? NetApp has no configuration, sizing or tuning tools available for GPFS at this time. In GPFS expertise is required you will need to find those resources through resellers or other third party sources potentially including the customer. NetApp will develop some sales tools for GPFS in the first half of Calendar 2013.</p> <p>What is the support model? NetApp can only support our hardware and global services will refer the customer back to IBM for any issues caused by the GPFS filesystem.</p> <p>Will IBM provide customer support for GPFS on NetApp branded storage? Yes, IBM will provide GPFS to customers regardless of the storage platform used as long as two key requirements are met. The E-Series meet both of the requirements and therefore IBM will support the customer. More information is available in the IBM GPFS Information Center.</p> <p>http://publib.boulder.ibm.com/infocenter/clresctr/vrxr/index.jsp?topic=%2Fcom.ibm.cluster.gpfs.doc%2Fgpfs_faqs%2Fgpfs_clustersfaq.html</p>
7074	<p>Restricted CQ 351554:</p> <p>When performing controller firmware upgrade, VMs should be paused prior to beginning upgrade process. Without VMs being paused, IO access loss may occur to VMs with virtual hard disks mapped through Hyper-V. Commands being sent down physical paths are typically being held for longer than 75 seconds by the operating system.</p> <p>Problem can be avoided by quiescing, pausing or shutting down virtual machines during upgrade of controller firmware. If this scenario is not possible and the problem occurs on a virtual machine, the virtual machine can be restarted to restore access to virtual hard disks.</p>
6820	<p>Windows Server 2012 Hyper-V Guest OS Support</p> <p>See Windows HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>The virtual machines tested with this configuration on Hyper-V are as follows:</p> <ul style="list-style-type: none"> Windows 2008 SP2 (x86) Windows Vista SP2 (x64) Windows 2003 SP2 (x64) Windows 2003 SP2 (x86) Windows 2008 R2 SP1 (x64) Windows 2008 SP2 (x64) Windows 2012 (x64) Windows XP SP2 (x64) CentOS 6.2 (x86) RHEL 6.2 (x64) SLES 11.2 (x64) CentOS 6.2 (x64) RHEL 6.2 (x86) SLES 11.2 (x86)

6821	<p>Windows Server 2008 R2 SP1 Hyper-V Guest OS Support</p> <p>See Windows HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>The virtual machines tested with this configuration on Hyper-V are as follows:</p> <ul style="list-style-type: none"> Windows 2008 R2 SP1 (x64) Windows 2008 SP2 (x64) Windows 2008 SP2 (x86) Windows 2003 SP2 (x64) Windows 2003 SP2 (x86) Windows Vista SP2 (x64) Windows XP SP3 (x64) Windows 7 SP1 (x64) Windows 7 SP1 (x86) CentOS 6.2 (x64) CentOS 6.2 (x86) RHEL 6.2 (x64) RHEL 6.2 (x86) SLES 11.2 (x64) SLES 11.3 (x86)
6822	<p>Configure SCSI disk I/O timeout settings to at least 180 seconds on all virtual machines running within Hyper-V for the appropriate Vendor ID (VID) and Product ID (PID). NetApp E-Series storage reports a VID/PID of NETAPP / INF-01-00, and virtual hard disks (vhd[x]) will report as Msft / Virtual Disk.</p> <p>Linux:</p> <p>The "\udev\" facility is the best way to automatically configure disk timeouts when new disks are added to a VM and at boot time. A simple way to determine the VID/PID of any disks currently added to the VM is to run the following command and look at the "Vendor" and "Model" information:</p> <pre>cat /proc/scsi/scsi</pre> <p>In order to set this up, create the file /etc/udev/rules.d/99-msft-udev.rules with the following content:</p> <pre>ACTION=="add", SUBSYSTEMS=="scsi", ATTRS{vendor}=="NETAPP ", ATTRS{model}=="INF-01-00 ", RUN+="/bin/sh -c 'echo 180 >/sys\$DEVPATH/timeout'" ACTION=="add", SUBSYSTEMS=="scsi", ATTRS{vendor}=="Msft ", ATTRS{model}=="Virtual Disk ", RUN+="/bin/sh -c 'echo 180 >/sys\$DEVPATH/timeout'"</pre> <p>The vendor and model fields in the udev rules file have fixed-widths of 8 and 16 characters, respectively. Note the additional white space padding in the example above.</p> <p>Once this file has been modified, you can either restart udev, or reboot the VM to activate the changes.</p> <p>Windows:</p> <p>In order to configure disk I/O timeouts for all Windows OS version, you simply need to edit a single registry key:</p> <pre>[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Disk] "TimeOutValue"=dword:000000b4</pre> <p>Once that's done, simply restart the VM.</p>
6824	[NetApp CQ 144852] - Lifekeeper - SAS DMMP - Registrations are not being created for the alternate path
8106	<p>When running MPP on RHEL 6.7/ 6.8, one must blacklist dmmp devices as disabling multipathd is not enough. To do this one must modify /etc/multipath.conf.</p> <pre>in /etc/multipath.conf: blacklist { device { vendor "" product "" } }</pre>

8885	<p>Description: For use with NoSettingsRequired components running DMMP</p> <p>HBA Settings : Default</p> <p>DMMP Settings : DMMP fallback - Non-Cluster : immediate Cluster : manual features - 2 pg_init_retries 50 hardware_handler - 1 rdac no_path_retry - 30 path_checker - rdac path_grouping_policy - group_by_prio prio - rdac product - INF-01-00 product_blacklist - Universal Xport Vendor - NETAPP LSI GENIO</p> <p>Note : For RHEL7 and SLES12 multipath configuration are by default in place. All that needs to be done is 'touch /etc/multipath.conf'</p>
7733	<p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: RHEL 5.10, RHEL 6.5, SLES 10.4, SLES 11.3, Solaris 10U10, Solaris 11, Solaris 11U1, Windows 2008, Windows 2008 R2, Windows 2012, Windows 2012 R2</p>
7734	<p>VMware ESXi 5.5</p> <p>For VMware ESXi 5.5 hosts using 12 Gb Avago/LSI-equivalent SAS host bus adapters (HBAs), use of the legacy mpt3sas driver is required. The inbox lsi_msgpt3 driver will attempt to override the mpt3sas driver and claim storage from such HBAs by default. If lsi_msgpt3 driver is not disabled, logical units (LUNs) may disappear at random and many VMware features (i.e. vMotion) may be dysfunctional.</p> <p>To disable the inbox lsi_msgpt3 driver, execute the following shell command on the host: 'esxcli system module set -e false -m lsi_msgpt3;'</p>
8502	<p>Windows Server 2016 Hyper-V Guest OS Support</p> <p>See Windows HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>The virtual machines tested with this configuration on Hyper-V are as follows:</p> <p>Windows Server 2012 R2 (x64) Windows Server 2012 R2 U1 (x64) Windows Server 2012 (x64) Windows Server 2008 R2 SP1 (x64) CentOS 7.2 (x64) CentOS 6.7 (x64) RHEL 7.2 (x64) RHEL 6.7 (x64) SLES 12.1 (x64) SLES 11.2 (x64) OEL7.2 RH (x64)</p>
7736	<p>[CQ 549339] VMware ESXi 5.5 - Virtual machine disks consolidation failed in a VM clone operation</p> <p>If the customer can afford a virtual machine to be "stunned" for a longer length of time, VMware has reported that modifying the following advanced parameter will disable the error: snapshot.asyncConsolidate.forceSync = "TRUE"</p>
9017	<p>VMware ESXi 6.7 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: CentOS 6.9, RHEL 5.11, RHEL 6.9, RHEL 7.4, OEL 6.9, SLES 11.4, SLES 12.2, Solaris 10U10, Solaris 11U2, Windows 2008, Windows 2008 R2, Windows 2012, Windows 2012 R2, Windows 2012 R2 U1, and Windows 2016</p>

7737	<p>SAS ports each have 4 phys, with each having its own address. The addresses will be the same, with the exception of the last digit changing. On single-port HBAs, the last digit of the address will range from 0-3, and on dual-port HBAs, the last digit of the address can range from 0-7. SAS HBAs based on LSI / Avago controllers set the addresses on the phys based on when the links are established (Auto port setting). To avoid any potential issues that may occur by a phy getting a different address, it is recommended to map all possible phy addresses as Host Port Identifiers for the host in SANtricity.</p> <p>To map the addresses, in SANtricity, select the Host and go to Manage Host Port Identifiers. Make note of the address ending in 0. You will then select 'Add' and choose the option to 'Add by creating a new host port identifier' and put in that same address, but changing the last digit to accomodate for the possible different addresses (single port HBA: 0-3, dual port HBA: 0-7).</p> <p>For example, say our dual-port HBA host logs into the storage array with phy address 500605b003888ac70. We would then add as host port identifiers, for the same host, addresses 500605b003888ac71, 500605b003888ac72, 500605b003888ac73, 500605b003888ac74, 500605b003888ac75, 500605b003888ac76, 500605b003888ac77. Note the addresses are the same EXCEPT for the last digit. This now gives the storage array the ability to handle any of the possible phy addresses for the HBA.</p>
7226	<p>Windows Server 2012 R2 Hyper-V Guest OS Support</p> <p>See Windows HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>The virtual machines tested with this configuration on Hyper-V are as follows:</p> <p>Windows Server 2012 R2 (x64) Windows 8.1 (x64) Windows Server 2012 (x64) Windows 8 (x64) Windows 8 (x86) Windows Server 2008 R2 SP1 (x64) Windows 7 SP1 (x64) Windows 7 SP1 (x86) Windows Server 2008 SP2 (x64) Windows Server 2008 SP2 (x86) Windows Vista SP2 (x64) Windows Vista SP2 (x86) Windows Server 2003 SP2 (x64) Windows Server 2003 SP2 (x86) Windows XP SP2 (x64) CentOS 6.3 (x64) CentOS 6.3 (x86) RHEL 6.3 (x64) RHEL 6.3 (x86) SLES 11.2 (x64)</p>
7611	<p>[CQ LSIP200517798][RHBZ 1086825][RHBZ 1222114] Multipathd can add paths into incorrect map when name bindings are inconsistent.</p> <p>When multipath is part of the initrd (or initramfs), if the /etc/multipath/bindings file does not match the one on the root filesystem, multipathd can run with incorrect information about the wwid to user friendly name bindings.</p> <p>It is recommended to use "user_friendly_names = no" in /etc/multipath.conf file to disable user_friendly_names, to prevent the problem from happening, entirely.</p>
7996	<p>[CQ 709452] [RHBZ 1210097] RHEL7.1 crashed during reboot stress: kernel BUG at block/blk-core.c:1277</p> <p>The host may experience a crash when a controller is rebooted, and the host is under heavy load. If kdump is configured, the host should create the crash dump, reboot itself, and come up with all LUNs available. If kdump is not configured, the host may need to be power cycled to recover.</p> <p>If possible, controller reboots should be performed during times of low activity, to minimize the chance of hitting the conditions that lead to the crash.</p>
8381	<p>NetApp supports all rack server hardware models corresponding to the server or processor architecture listed in the interoperability matrix, but does not specify server models by brand.</p> <p>This configuration was edited mid-2016 to remove specific (or less general) server hardware information from the 'Host Platform' field and replace it with more general components. NetApp support overall has not been reduced in any way by this change.</p> <p>IMT is not an exhaustive hardware support matrix for all aspects of the host-side configuration. The customer should verify the supportability of their configuration with all appropriate hardware vendor HCL/interoperability matrices.</p>

8129	<p>VMware ESXi 5.5 U3 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: Windows 2008 (x86 and x64), Windows 2008 R2 (x64), Windows 2012 (x64), Windows 2012 R2 (x64), Windows 2012 R2 U1 (x64) RHEL 5.11 (x86 and x64), RHEL 6.7 (x86 and x64), RHEL 7.1 (x64), SLES 11.3 (x86 and x64), Solaris 11 Update 2 (x64), Oracle Linux 6.5 (x64), and CentOS 6.7 (x86 and x64).</p>
8642	<p>VMware ESXi 6.0 U3 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: CentOS 6.8, RHEL 5.11, RHEL 6.8, RHEL 7.2, OEL 6.8, SLES 11.4, SLES 12.1, Solaris 10U10, Solaris 11U3, Windows 2008 R2, Windows 2012, Windows 2012 R2, Windows 2012 R2 U1, and Windows 2016.</p>
8130	<p>VMware ESXi 6.0 U1 Guest OS Support</p> <p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: RHEL 5.11, RHEL 6.7, RHEL 7.1, OEL 6.5, SLES 11.3, CentOS 6.7, Solaris 10U10, Solaris 11U2, Windows 2008 R2, Windows 2012, Windows 2012 R2, and Windows 2012 R2 U1</p>
8132	<p>This solution was tested after adjusting the Round Robin IOPS limit from default of 1000 to 1.</p> <p>Description: LUNs with the NETAPP VID/PID (Vendor ID/Product ID) use the Round Robin Path Selection Policy (PSP), which attempts to balance the I/O load across all active storage paths. By default, the Round Robin PSP changes a path after either a certain number of IOPS or bytes are transmitted. This default, in the case of IOPS, is 1000. Although not required, adjusting this limitation to 1 may improve performance.</p> <p>Scenario: With the default IOPS limit, if one storage path is pegged, any I/O in queue must wait until the storage array can service the request. Changing this limit to 1 allows the other storage paths to be used when another path is maxed out.</p> <p>Note: Modifying this limit will affect any other storage devices that may be using the Round Robin PSP.</p> <p>VMware provides additional information about this adjustment and how it may be made, available at http://kb.vmware.com/kb/2069356</p>
7623	<p>Requires:</p> <p>KB2966870 - Fix restart problems after you install update rollup 2919355 in Windows 8.1 or Windows Server 2012 R2</p> <p>http://support.microsoft.com/kb/2966870/en-us</p>
7244	<p>A SATP claim rule needs to be added to allow for the reset_on_attempted_reserve option for the VID/PID combination of LSI / INF-01-00.</p> <p>This will allow for proper handling of SCSI-2 reservations which is required when using VMFS 3 or VMFS 5 upgraded from VMFS 3 datastores.</p> <p>To add the rule, do the following from the host command line: esxcli storage nmp satp rule add -s VMW_SATP_ALUA -V LSI -M INF-01-00 -c tpgs_on -o "reset_on_attempted_reserve"</p>
7500	<p>For ESXi versions prior to 5.5 U1, the default VAAI claim rules need to be modified for hosts which have volumes assigned from EF550, E5500 and E2700 arrays.</p> <p>Execute the following commands to update the VAAI claim rules.</p> <pre>esxcli storage core claimrule remove -r 65433 -c Filter esxcli storage core claimrule remove -r 65433 -c VAAI</pre> <pre>esxcli storage core claimrule add -r 65433 -t vendor -P VAAI_FILTER -c Filter -V NETAPP -M "LUN*" esxcli storage core claimrule add -r 65433 -t vendor -P VMW_VAAIP_NETAPP -c VAAI -V NETAPP -M "LUN"</pre>

<p>8653</p>	<p>NetApp E-Series CQ LSIP200928972 VMware SR 16265347210</p> <p>Headline: VMware ESXi 6.5 hosts reporting Invalid Sense Data during Straight IO</p> <p>Hardware/Software Dependencies: VMware ESXi 6.5.0 build-4449886</p> <p>Problem Background: On a VMware ESXi 6.5 GA host, or VMware ESXi 6.5.0 build-4449886, the vmkernel.log available at /var/log/ (or /scratch/log/) may report several lines that include "Invalid Sense Data", reported by ScsiDeviceIO. These lines will include SCSI ASC/ASCQ assignments that truly are invalid, in that they are not listed in the Technical Committee T10 specifications for SCSI Storage Interfaces. They are also not characterized as NetApp E-Series vendor-specific ASC/ASCQ assignments.</p> <p>For example: 2016-10-12T15:27:00.905Z cpu28:267900ScsiDeviceIO: 2927: Cmd(0x439d07881d80) 0x28, CmdSN 0x80000002 from world 267686 to dev "naa.60080e50004354280000e829573b45aa" failed H:0x2 D:0x0 P:0x0 Invalid sense data: 0x3 0x43 0x0</p> <p>Sense Key - 0x3 ASC - 0x43 ASCQ - 0x0</p> <p>In this example, the Sense Key of "0x3" suggests that a medium error exists. However, the ASC of "0x43" is not defined in the T10 specifications.</p> <p>NetApp E-Series storage is not reporting such sense data, and the host appears to be fabricating it.</p> <p>Root Cause: Although VMware has not yet provided a detailed root cause of the issue, they have alluded to the use of Storage I/O Control on Datastore Clusters being the culprit for these log messages.</p> <p>Frequency of Failure: These will occur on any host installed with VMware ESXi 6.5 GA (VMware ESXi 6.5.0 build-4449886), regardless of protocol (FC, iSCSI, SAS) being used.</p> <p>Workaround: VMware has suggested that these messages are safe to ignore and do not imply that any storage problem exists.</p>
<p>7502</p>	<p>Please use LSI Logic SCSI virtual adapter for SLES 10 and 11 x86 VMs as recommended by VMware http://partnerweb.vmware.com/GOSIG/SLES_10.html http://partnerweb.vmware.com/GOSIG/SLES_11.html If using busLogic virtual SCSI adapter, you might experience a device offlined and not being brought back online after error recovery. If a VM is in this state, a reboot is required to recover it.</p>
<p>8654</p>	<p>NetApp E-Series CQ LSIP200956595 VMware SR 16322923212</p> <p>Headline: VMware vCenter Server Appliance (6.5.0.5100) Crashing Under Minimal Load</p> <p>Hardware/Software Dependencies: VMware vCenter Server Appliance (6.5.0.5100)</p> <p>Problem Background: VMware vCenter Server Appliance (6.5.0.5100) crashes, and the frontend becomes inaccessible via the vSphere Web Client. The backend (VMware vSphere Appliance Management) remains accessible, with Health Status of Good. Performing a reboot of the VMware vCenter Server Appliance from the backend does not resolve.</p> <p>Root Cause: VMware has not provided a root cause.</p> <p>Frequency of Failure: This has occurred twice in our test environments, where the VMware vCenter Server Appliance may manage up to 100 hosts.</p> <p>Workaround: Although this is not a NetApp E-Series storage issue and falls on VMware to resolve, the impact includes re-deployment of the VMware vCenter Server Appliance, and addition of all hosts that require management. This is often very time-consuming.</p>

8655	<p>NetApp E-Series CQ LSIP200884928 VMware SR 16174286406</p> <p>Headline: VMware ESXi 5.5 U3 host became unresponsive during controller fail drive fail test</p> <p>Hardware/Software Dependencies: VMware ESXi 5.5 U3 (Build 3248547)</p> <p>Problem Background: A host installed with VMware ESXi 5.5 U3 (Build 3248547) may become unresponsive, with the only recovery option being a reboot of the host in question. First symptom of this issue will be that the host in question will appear as "Disconnected" within the vSphere Web Client or vSphere C# Client. Shell access to the host will still be available, although executed esxcli commands will not generate any output and simply hang. The vmkernel.log file (available at /var/log/ or /scratch/log/) may show output around the time of failure similar to "^@^@^@^@^@".</p> <p>Root Cause: VMware has yet to provide an exact root cause on this issue, but it appears to be a problem with the hostd process.</p> <p>Frequency of Failure: This does not appear to be a frequent failure, but it has occurred at least once during drive failure operations, while a controller had been placed offline.</p> <p>Workaround: As esxcli commands are not available via the host shell, the only workaround is to reboot the host.</p>
6863	<p>[CQ364952] Redhat 6 SP3, RedHat 6 SP4, Redhat 6 SP6 Cluster Suite service cman fails to start upon host reboot [Bugzilla # 906049]</p> <p>Redhat 6 SP3/SP4/SP6 Cluster Suite service cman fails to start after host reboots causing cluster service rgmanager to hang while waiting for cluster service cman to start. This keeps the remaining cluster services from starting and the host fenced out of RHCS cluster group.</p> <p>Work around is to manually restart the cluster services cman, clvmd, and rgmanager to un-fence the host and add the host back into the cluster group.</p>
6736	<p>In order to use the E5500, EF550, or E2700 controller with SLES11.2 and the SUSE Device Mapper (DM-MP) failover, the maintenance kernel patch version 3.0.34-0.7.9 must be installed.</p>
8145	<p>(LSIP200788637) For Sanboot, using LSI 9300-8e cards with HP Proliant DL380 Gen9 servers, the server BIOS needs to be 1.50 or later.</p>
7889	<p>[CQ 671912][RHBZ 1188785]Pacemaker Cluster Node Failed to rejoin the cluster after the node reboot.</p> <p>The workaround is to restart the pacemaker service by the following two commands.</p> <pre>>pcs cluster stop >pcs cluster start</pre>
7251	<p>See VMware HCL for all Guest OSes that are supported. NetApp will test a sampling of Guest OSes.</p> <p>Guest OSes (GOS) tested with are: RHEL 5.9, RHEL 6.4, SLES 10.4, SLES 11.2, Solaris 10U10, Solaris 11, Windows 2008, Windows 2008 R2, Windows 2012</p>
8667	<p>NetApp E-Series CQ 200942453 Restriction: VMware ESXi 6.x host disconnects from vCenter</p> <p>Problem Background When running UNMAP commands from a guest operating system against virtual RDM, errors with the message "Issue of delete blocks failed" will flood the vmkernel log and the host may disconnect from vCenter and/or stop responding. The messages severely flood the vmkernel log file and cause the hostd process to crash and in some cases cause the host to go unresponsive. See VMware KB 2146505.</p> <p>Workaround: -Use physical RDM instead of virtual RDM to the virtual machines. -Disable the UNMAP commands from the guest operating system.</p>

7007	<p>Setting Group Name: Linux SAS LSI 2.0 Description: For use with Avago/LSI components running MPP Revision: 03</p> <p>Modify HBA timeout settings using following steps: 1. Enter HBA Bios settings at bootup (Ctl-C) 2. Select SAS adapter 3. Select "Advance Adapter Properties" 4. Select "Adapter Timing Properties" 5. Set timing valules</p> <p>Timing Values: Device Missing Report Delay: Set the value to "144", the default is "0" Device Missing I/O Delay: Set the value to "8", the default is "0"</p> <p>MPP Settings: DisableLunRebalance 0. For Cluster, set to 3. (Edit /etc/mpp.conf. Change then run mppUpdate and reboot to take effect)</p>
7008	<p>Setting Group Name: Linux SAS LSI 1.0 Description: For use with Avago/LSI components running DMMP Revision: 03</p> <p>Modify HBA timeout settings using following steps: 1. Enter HBA Bios settings at bootup 2. Select SAS adapter 3. Select "Advance Adapter Properties" 4. Select "Adapter Timing Properties" 5. Set timing values</p> <p>Timing Values: Device Missing Report Delay: Set the value to "10", the default is "0" Device Missing I/O Delay: Set the value to "5", the default is "0"</p> <p>DMMP Settings:</p> <p>Rhel7 - No changes from default multipath autoconfiguration is required. The file does need to be touched with "touch /etc/multipath.conf"</p> <p>Sles12 - No changes from default multipath autoconfiguration is required. The file does need to be touched with "touch /etc/multipath.conf"</p> <p>Sles11SP4 - No changes from default multipath autoconfiguration is required. No manual action is required to use default settings.</p> <p>failback immediate (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>features 2 pg_init_retries 50 (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>getuid_callout "/lib/udev/scsi_id -g -u -d /dev/%n" (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>hardware_handler 1 rdac (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>no_path_retry 30 (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>path_checker rdac (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>path_grouping_policy group_by_prio (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>path_selector "round-robin 0" (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>polling_interval 5 (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>prio rdac (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>rr_min_io 100 (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p> <p>rr_weight priorities (Open /etc/multipath.conf and put in a device { } block. Service multipathd restart to take effect)</p>

Netapp Interoperability Matrix