



# Netapp Interoperability Matrix

## Storage Solution : Virtual Storage Console (VMware)

### 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

### Non-disruptive Upgrade of Data ONTAP

Non-disruptive upgrade of Data ONTAP and other system-level components is supported for SAN and NFS environments.

Minor NDU (within a Data ONTAP version family) is supported in Data ONTAP 6.5.3 and later.

Major NDU (between Data ONTAP version families) is supported in Data ONTAP 7.0.6 and later to Data ONTAP 7.2.3 and later for Data ONTAP 7.2.x target releases.

Major NDU is supported from Data ONTAP 7.1.2 and later to Data ONTAP 7.2.3 and later for Data ONTAP 7.2.x target releases.

Major NDU is supported from Data ONTAP 7.2.3 and later to Data ONTAP 7.3 GA and later for Data ONTAP 7.3.x target releases.

NDU Documentation - For complete information about non-disruptive upgrade, see the Data ONTAP Upgrade Guide for either Data ONTAP 7.2.5.1 or 7.3, available on NOW at <http://now.netapp.com/NOW/knowledge/docs/ontap/rel7251/> and <http://now.netapp.com/NOW/knowledge/docs/ontap/rel73/>

NetApp storage systems are built on a common operating system infrastructure - Data ONTAP®. Unless otherwise noted in the matrices, support by the Data ONTAP operating system is the criterion used to determine whether a system configuration is qualified in a particular environment rather than the particular hardware model of the system. All system models that run a qualified Data ONTAP version are equivalent for support purposes. The NetApp storage systems below run the Data ONTAP operating system and support the FC, iSCSI and NFS protocols (list refers to stand-alone and high-availability storage systems). Refer to the Host Operating System matrices above for details about Data ONTAP versions qualified with a particular host.

NetApp Upgrade Advisor - an online tool available on the NOW (NetApp on the Web) site for all systems with a valid support contract that are configured to send AutoSupport messages. When you submit your system identification and target release, the Upgrade Advisor compares AutoSupport data about your system to known requirements and limitations of the target release and generates an upgrade plan (and optionally a back-out plan) with recommended preparation and execution procedures. The Upgrade Advisor not only dramatically simplifies the process of qualifying your environment for a successful upgrade; the automated mechanism significantly reduces the potential for human error. In conjunction with the Upgrade Advisor, NetApp best practice for NDU strongly recommends review of the Data ONTAP Upgrade Guide and Release Notes. For more information, see AutoSupport home on NOW at <http://now.netapp.com/NOW/asuphome/>

### Data ONTAP OS Release Support

When a Data ONTAP release is listed as supported, then all patch releases are supported as well.

However, if the IMT does list a patch release, then only that patch and later patch releases in that Major (8.2, 8.3) / Minor (8.2.1, 8.2.2, 8.3.1, 8.3.2) / maintenance release streams are supported. For example, in the FAS SAN Host solution area, ESX 5.5 support for SAN Clustered Data ONTAP 8.2 begins with Data ONTAP 8.2.3P3. Earlier patches of 8.2.3P1 (including 8.2.3 itself) and other minor releases of 8.2.1, 8.2.3 are not supported, but any later patches, such as 8.2.3P4 or later, have implied support. For other minor releases like 8.2.4+ these will need to be verified as supported via the IMT for the solution.

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#### **FPOLICY**

Partner vendors test and certify fpolicy solutions with NetApp. NetApp does not test or certify partner vendor fpolicy solutions. Please confirm with your vendor if your version and mode of ONTAP is supported.

## Search Criteria

Solution;  
Virtual Storage Console (VMware)

Virtual Storage Console (VMware)  
NetApp Virtual Storage Console (VMware) 6.2;

Additional Criteria;

SnapCenter Server  
SnapCenter Server 1.1;

## Virtual Storage Console (VMware)

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160323-100900146	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2	VMware ESXi 6.0 (Update 2); VMware ESXi 6.0 (Update 1); VMware ESXi 6.0	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160308979	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 5.5 Update3; VMware vCenter server 5.5 Update2	VMware ESXi 5.5 (Update 2); VMware ESXi 5.5 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160308814	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0	VMware ESXi 6.0	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160308612	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 6.0	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160308399	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 5.1 (Update 3); VMware ESXi 5.1 (Update 2); VMware ESXi 5.1 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2



Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160308225	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,7291,7305,8011, 8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 5.5 (Update 2); VMware ESXi 5.5 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160308028	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 5.5 (Update 2); VMware ESXi 5.5 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160307527	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 5.5 Update3; VMware vCenter server 5.5 Update2	VMware ESXi 5.1 (Update 3); VMware ESXi 5.1 (Update 2); VMware ESXi 5.1 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160307345	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	VMware ESXi 5.5 (Update 3); Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 5.5 Update3; VMware vCenter server 5.5 Update2	VMware ESXi 5.1 (Update 3); VMware ESXi 5.1 (Update 2); VMware ESXi 5.1 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160307172	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,7305,8011,8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 5.5 Update3; VMware vCenter server 5.5 Update2	VMware ESXi 5.5 (Update 3); VMware ESXi 5.5 (Update 2)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2P1D12; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160306998	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	VMware ESXi 5.5 (Update 3); Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 5.1 (Update 3); VMware ESXi 5.1 (Update 2); VMware ESXi 5.1 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160306004	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 5.5 (Update 3)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160305824	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,7291,7305,8011, 8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1; VMware vCenter server 6.0	VMware ESXi 5.5 (Update 3)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2



Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160305593	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 5.5 Update3; VMware vCenter server 5.5 Update2	VMware ESXi 5.5 (Update 3)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160304173	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1	VMware ESXi 5.5 (Update 3); VMware ESXi 5.5 (Update 2)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160303983	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1	VMware ESXi 5.1 (Update 3); VMware ESXi 5.1 (Update 2); VMware ESXi 5.1 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160303783	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 8408	SnapCenter Server 1.1	NFS	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1	VMware ESXi 6.0 (Update 1); VMware ESXi 6.0	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160303480	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,7291,7305,8011, 8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1	VMware ESXi 6.0 (Update 2); VMware ESXi 6.0 (Update 1); VMware ESXi 6.0	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160302920	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,7291,7305,8011, 8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64- bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64- bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64- bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64- bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64- bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1	VMware ESXi 5.5 (Update 3); VMware ESXi 5.5 (Update 2)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

Name	Status	Foot notes	SnapCenter Server	Protocol	Virtual Storage Console (VMware)	Host OS (OS)	Host Application	Hypervisor (OS)	ONTAP OS (NETAPP OS)
20160302-160302735	Supported	Info: 5042,5045,5719,6021, 6947,7527 Alerts: 7173,7291,7305,8011, 8408	SnapCenter Server 1.1	iSCSI; FCoE; FC	NetApp Virtual Storage Console (VMware) 6.2	Microsoft Windows Server 2012 SE (64-bit, x64); Microsoft Windows Server 2012 R2 SE (64-bit, x64); Microsoft Windows Server 2012 R2 DCE (64-bit, x64); Microsoft Windows Server 2012 DCE (64-bit, x64); Microsoft Windows Server 2008 SE (SP2 64-bit, x64); Microsoft Windows Server 2008 SE (64-bit, x64); Microsoft Windows Server 2008 R2 SE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 SE (64-bit, x64); Microsoft Windows Server 2008 R2 EE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 EE (64-bit, x64); Microsoft Windows Server 2008 R2 DCE (SP1 64-bit, x64); Microsoft Windows Server 2008 R2 DCE (64-bit, x64); Microsoft Windows Server 2008 EE (SP2 64-bit, x64); Microsoft Windows Server 2008 EE (64-bit, x64); Microsoft Windows Server 2008 DCE (SP2 64-bit, x64); Microsoft Windows Server 2008 DCE (64-bit, x64)	VMware vCenter server 6.0 Update2; VMware vCenter server 6.0 Update1	VMware ESXi 5.1 (Update 3); VMware ESXi 5.1 (Update 2); VMware ESXi 5.1 (Update 1)	ONTAP 9.1; ONTAP 9.0; Clustered Data ONTAP 8.3.2; Clustered Data ONTAP 8.3.1; Clustered Data ONTAP 8.3; Clustered Data ONTAP 8.2P4; Clustered Data ONTAP 8.2.4; Clustered Data ONTAP 8.2.3P3; Clustered Data ONTAP 8.2.3; Clustered Data ONTAP 8.2.2

## Alerts

Note ID	Text
7173	The use of default VMFS3.HardwareAcceleratedLocking=1 setting is required for interoperability and optimal shared storage I/O performance. See NetApp KB 3013935 for additional information. <a href="https://kb.netapp.com/support/index?page=content&amp;id=S:3013935&amp;actp=LIST">https://kb.netapp.com/support/index?page=content&amp;id=S:3013935&amp;actp=LIST</a>
8408	VSC 6.2P2 need to be installed to use ONTAP 9.0.
7305	For ESXi 5.5, VSC Optimization and Migration feature should only be used on SAN datastores with VM powered off.
7291	Initiating live Storage vMotion in an ESXi 5.5 SAN cluster might experience failure if the VM contains a RDM device. The failure leads to automatic power-off and service disruption of the VM. Attempts to power on the affected VM could fail due to the file locking failure. Please refer to the KB below for more details: How to Recover from ESXi 5.5 SAN Configuration Live Storage vMotion Failure <a href="https://kb.netapp.com/support/index?page=content&amp;id=1014463&amp;actp=LIST">https://kb.netapp.com/support/index?page=content&amp;id=1014463&amp;actp=LIST</a>

## Netapp Interoperability Matrix

8011	One ESXi Host Features are not supported in this configuration: Fault Tolerance
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### Info

Note ID	Text
5042	The following are NOT supported with VSC for VMware vSphere Backup and Recovery capabilities: Datastore spanning multiple volumes, RDM LUN backup or restore, Traditional volumes
6947	VSC for VMware vSphere Cloning and Provisioning application supports the following Connections Brokers for importing: VMware View 4.5, 4.6, 5.0, 5.1, 5.2 Citrix XenDesktop 4.0, 5.0 and 5.6
5045	VSC for VMware vSphere supports MetroCluster with Data ONTAP 7-mode configurations. A 7-mode Metrocluster configuration behaves identically as a standard 7-Mode HA-Pair.
6021	VSC for VMware vSphere supports vCenter appliance
5719	The host OS field refers to the Microsoft Windows servers where VSC for VMware vSphere can be installed.
7527	If a VSC configuration shows ONTAP support in IMT during a given RC window, NetApp support for that RC version is inherent through a software support entitlement. However, VMware may not support the ONTAP release until it is GA and posted in their HCL matrix.