Veritas™ Resiliency Platform 3.0 Hardware and Software Compatibility List

Contents

Legend

The following table indicates the legend used in this document.

Legend	
S	Supported
■	Not Supported/Applicable

Common Limitations

Feature not supported	Applicable to
Storage vMotion	VMware environment using third-party replication VMware environment using Resiliency Platform Data Mover replication
Virtual SAN datastore	VMware environment using Resiliency Platform Data Mover replication

Virtual Appliance Compatibility Matrix

Virtualization Technology	Version
VMware	vCenter Server 5.1, 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5 / ESXi 5.1, 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5
Hyper-V	Windows Server 2012, Windows Server 2012 R2

Virtual Machine Disaster Recovery Compatibility Matrix for recovery to vCloud

Virtualization Technology	Version	Supported guest operating systems
VMware	vCenter Server 5.5 U2 to 6.0 U3 ESXi 5.5 U3 to 6.0 U3	RHEL 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3 Windows Server 2008 R2, 2012, 2012 R2
Hyper-V	Windows Server 2012 R2	Windows Server 2008 R2, 2012, 2012 R2

Notes:

vCloud Director versions 8.0.2 and 8.20 are supported.

The replication technology for recovery to vCloud is Veritas Resiliency Platform Data Mover.

Linux virtual machines are not supported for Hyper-V virtualization technology.

For Windows workload virtual machines, PowerShell version 2.0 is supported with .Net version 3.5 and PowerShell version 3.0 is supported with .Net version 4.5.

RHEL hosts (version 7.0 and above) having multiple NICs need to have *NetworkManager-config-routing-rules* package installed on them.

VMware Tools or OpenVM Tools (along with DeployPkg for OpenVM Tools version prior to 9.10) need to be installed on the workload virtual machines.

Virtual Machine Disaster Recovery Compatibility Matrix for recovery to AWS

Virtualization Technology	Version	Supported guest operating systems
VMware	vCenter Server 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5 ESXi 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5	RHEL 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3 Windows Server 2008 R2, 2012, 2012 R2
Hyper-V	Windows Server 2012 R2	Windows Server 2008 R2, 2012, 2012 R2

Notes:

Support for RHEL 6.3 and 6.4 as a guest operating system is added in Veritas Resiliency Platform 3.0 Update 1.

Linux virtual machines are not supported for Hyper-V virtualization technology.

The replication technology for recovery to AWS is Veritas Resiliency Platform Data Mover.

AWS paravirtual drivers need to be installed on Windows virtual machines.

For Windows workload virtual machines, PowerShell version 2.0 is supported with .Net version 3.5 and PowerShell version 3.0 is supported with .Net version 4.5.

RHEL hosts (version 7.0 and above) having multiple NICs need to have *NetworkManager-config-routing-rules* package installed on them.

Using China region for recovery to AWS is supported, but not qualified.

Virtual Machine Disaster Recovery Compatibility Matrix for recovery to Azure

Virtualization Technology	Version	Supported guest operating systems
VMware	vCenter Server 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5 ESXi 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5	RHEL 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3 Windows Server 2008 R2, 2012, 2012 R2
Hyper-V	Windows Server 2012 R2	Windows Server 2008 R2, 2012, 2012 R2

Notes:

Linux virtual machines are not supported for Hyper-V virtualization technology.

The replication technology for recovery to Azure is Veritas Resiliency Platform Data Mover.

For Windows workload virtual machines, PowerShell version 2.0 is supported with .Net version 3.5 and PowerShell version 3.0 is supported with .Net version 4.5.

RHEL hosts (version 7.0 and above) having multiple NICs need to have *NetworkManager-config-routing-rules* package installed on them.

Virtual Machine Disaster Recovery Compatibility Matrix

Virtualization Technology	Version	Replication Technology							
		EMC SRDF	NetApp SnapMirror	Hitachi True Copy/Hitachi Universal Replicator	EMC Recover Point	HPE 3PAR Remote Copy	IBM XIV	IBM SVC	Hyper-V Replica
		Array software / Vendor component API/ CLI – EMC Solution Enabler 8.3 or lower version Storage Model - Symmetrics DMX, VMAX	Array software / Vendor component API / CLI - ONTAP 7.x and above (NetApp 7 mode), ONTAP 8.2.1, 8.3.2, 9.1 (NetApp cluster mode) Storage Model - Netapp FAS series	Array software / Vendor component API/ CLI - HORCM - 01-25-03 , Hi-Command - 7.x and above Storage Model - Hitachi USP, VSP	Array software / Vendor component API/CLI– RecoverPoint V4.1, 4.4.1, 5.0, 5.1 Storage Model– VMX/Symmetrix, VNX/Clariion, EMC Unity	Array software / Vendor component API/ CLI – HPE 3PAR Remote Copy V3.1 and 3.2	Array Software/Vendor component API / CLI XCLI version 4.1 to 4.8	Array Software / Vendor component API / CLI – 7.1 and 7.3	
VMware	vCenter Server 5.1, 5.5, 6.0, 6.0U1, 6.0U2, 6.0 U3, 6.5 / ESXi 5.1, 5.5, 6.0, 6.0 U1, 6.0 U2, 6.0 U3, 6.5	S	S	S	S	S	S	S	
Hyper-V	Windows Server 2012 R2	S	S	S	S	S	S	S	S

Notes:

Support for NetApp ONTAP 9.1 is added in Veritas Resiliency Platform 3.0 Update 1.

Hyper-V is supported with NetApp LUNs but NetApp CIFS is not supported.

The NetApp SnapMirror replication technology is supported with Async mode only.

NFS, FC LUN, and iSCSI storage exported from NetApp arrays are supported.

The EMC SRDF replication technology is supported with Sync and Async modes.

Only non-shared RDM is supported for HPE 3PAR Remote Copy.

The HPE 3PAR Remote Copy replication technology is supported only in periodic mode with the mirror_config policy.

VMware HA and Microsoft Failover Cluster (MSFoC) environments are supported.

IBM XIV Command Line Interface (XCLI) utility version 4.6 on a Linux system is not supported.

Using IBM SVC and XIV replication technologies with Hyper-V virtual machines in Microsoft Failover Clustering environment is not qualified.

VPLEX storage is not supported for EMC RecoverPoint.

Only continuous remote replication (CRR) is supported for EMC RecoverPoint. Continuous data protection (CDP) and concurrent local and remote (CLR) replication are not supported.

Shared and non-shared Raw Device Mapping (RDM) is supported for EMC RecoverPoint.

Minimum Powershell version supported on Hyper-V Servers is 3.0.

Application Disaster Recovery Compatibility Matrix

Applications	Version	EMC SRDF	NetApp SnapMirror	EMC RecoverPoint	Hitachi True Copy/Hitachi Universal Replicator	HPE 3PAR Remote Copy	Platform Support	
		Array software / Vendor component API / CLI – EMC Solution Enabler 8.3 or lower version Storage Model - Symmetrics DMX, VMAX	Array software / Vendor component API/ CLI - ONTAP 8.2.1, 8.3.2, 9.1 (Netapp cluster mode) Storage Model - Netapp FAS series	Array software / Vendor component API / CLI – RecoverPoint V4.1, 4.4.1, 5.0, 5.1 Storage Model – VMX/Symmetrix, VNX / Clariion	Array software / Vendor component API/ CLI - HORCM - 01-25-03 , Hi-Command - 7.x and above Storage Model - Hitachi USP, VSP	Array software / Vendor component API / CLI – HPE 3PAR Remote Copy V3.1 and 3.2	Under Physical, VMware and Hyper-V environments	
							RHEL 6.5, 6.6, 6.7, 6.8, 7.0, 7.1, 7.2	Windows 2008 R2 SP1, Windows 2012 R2
Oracle RDBMS	11g r2	S	S	S	S	S	S	
	12C r1	S	S	S	S	S	S	
Microsoft SQL Server	2012	S	S	S	S	S		S
	2014	S	S	S	S	S		S
Custom App		S	S	S	S	S	S	S

Notes:

Oracle RAC is not supported.

Oracle 12C is supported in traditional mode.

MSSQL 2012 and MSSQL 2014 are supported without AlwaysOn.

For NetApp arrays, only the NFS and FC LUNs are supported, CIFS is not supported.

The NetApp SnapMirror replication technology is supported with Async mode only.

The HPE 3PAR Remote Copy replication technology is supported only in periodic mode with the mirror_config policy.

The EMC SRDF replication technology is supported with Sync and Async modes.

For EMC RecoverPoint, only continuous remote replication (CRR) is supported. continuous data protection (CDP) and concurrent local and remote (CLR) replication is not supported.

VMware HA environment is supported.

Minimum Powershell version supported on Windows Servers is 3.0.

InfoScale Support Matrix

Component	Versions	Details
Veritas InfoScale Operations Manager	7.0, 7.1, 7.2, and 7.3 HF1 onwards	Supported on Linux and Windows Supported in standalone and HA configuration
Veritas Cluster Server (VCS)	6.0 and above	Supported on AIX, Linux, Solaris, and Windows operating systems

Notes:

Veritas InfoScale Operations Manager 7.3 is not supported.

All VCS supported configurations are supported for both Application and Replication technology.

The GCO failover policy must be manual.

Resiliency Platform Data Mover with VMware VAIO Compatibility Matrix

Virtualization Technology	Version
VMware	vCenter 6.0U2, 6.0 U3, 6.5 / ESXi 6.0U2, 6.0 U3, 6.5

Note:

Refer to the VMware Compatibility Guide for information about the VMware approved Resiliency Platform Data Mover replication filter.

NetBackup Compatibility Matrix

Virtualization Technology	Version	Platform	Version
VMware	vCenter Server 6.0, 6.0U1, 6.0U2, 6.5/ ESXi 5.5, 6.0, 6.0U1, 6.0U2, 6.5	NetBackup Master Server	8.0, 8.1
		NetBackup Auto Image Replication (AIR)	Targeted Auto Image Replication
		NetBackup Appliance	Appliance Version 3.0; Appliance Model 52xx

Note:

Support for NetBackup 8.1 is added in Veritas Resiliency Platform 3.0 Update 1.

Support for virtual SAN datastore for NetBackup Restore is added in Veritas Resiliency Platform 3.0 Update 1.

Browser Compatibility Matrix

Browser	Versions	Comments
Microsoft Internet Explorer	10, or later	**JavaScipt**: Enabled **Cookies**: Enabled
Mozilla Firefox	33.x, or later	**JavaScipt**: Enabled **Cookies**: Enabled
Google Chrome	38.x, or later	**JavaScipt**: Enabled **Cookies**: Enabled

Note:

When Popup blockers are turned on, make sure that the filter level is set to medium or lower.