


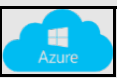



This document lists the platforms, their management tools, hosts, and other features supported by the following versions of Zerto Virtual Replication.

- Zerto will support new platforms, management tools and hosts listed in this document within 90 days of the general availability of a new platform release for the Zerto Virtual Replication releases that are in the General Support Phase. See the [Product Version Lifecycle Matrix](#) for more details.
- Zerto assumes that minor update releases are supported (for example, vCenter Server 5.5U1a, 5.5U1b or 5.5U1c), if the major update is supported (for example, vCenter Server 5.5U1).

ZERTO VIRTUAL REPLICATION - SUPPORTED MATRIX		See...
	Zerto Virtual Replication with VMWare vSphere	"VMware vSphere", on page 2
	Zerto Virtual Replication with vCloud Director	"vCloud Director", on page 6
	Zerto Virtual Replication with Microsoft SCVMM	"Microsoft Hyper-V", on page 8
	Zerto Virtual Replication with Microsoft Azure	"Microsoft Azure", on page 10
	Zerto Virtual Replication with Amazon Web Services (AWS)	"Amazon Web Services (AWS)", on page 11
	Zerto Virtual Manager Features Use this table to identify which Zerto feature is supported in which Zerto version.	Zerto Virtual Manager Features - Support Matrix
	External Microsoft SQL Servers Use this table to identify which Microsoft SQL Servers are supported as external SQL Server databases.	External SQL Server Databases - Support Matrix


Some of the platforms and features in the following tables might not temporarily be supported due to reported issues that are still unresolved.


For a list of all **known issues**, see the relevant [Release Notes](#).


Note: For **prerequisites** and **requirements** for per environment, see:


- [Prerequisites and Requirements for VMware vSphere Environments](#)
- [Prerequisites and Requirements for Microsoft Hyper-V Environments](#)
- [Prerequisites and Requirements for Microsoft Azure Environments](#)
- [Prerequisites and Requirements for Amazon Web Services \(AWS\) Environments](#)
- [Prerequisites and Requirements for Cloud Service Providers \(CSPs\)](#)

VMware vSphere

 VMWARE VSPHERE WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
ZVM Operating Systems													
Windows Server 2008 R2 SP1 with KB3033929 and KB2864202	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 base	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 R2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual Machine Hardware													
Virtual machine hardware versions 7-11, 13 <small>Contact Zerto support for a ZR image which supports this version.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual machine hardware versions 14	x	x	x	x	x	x	x	✓	✓	✓	✓	✓	✓
Management Tools - VMware vCenter Server													
vCenter Server 4.0	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x
vCenter Server 4.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x	x
vCenter Server 5.0, 5.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCenter Server 5.5, 6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCenter Server 6.5 <small>For Zerto Virtual Replication versions v5.5P1 and above, natively supported</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCenter Server 6.7	x	x	x	x	x	x	x	✓	✓	✓	✓	✓	✓
vCenter Server 6.7 U1	x	x	x	x	x	x	x	x	x	x	✓	✓	✓


 VMWARE VSPHERE WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Hosts													
ESX/ESXi all versions earlier than 4.0	x	x	x	x	x	x	x	x	x	x	x	x	x
ESX/ESXi 4.0 Known issues affect user experience: If a protected VM disk is resized, the recovery disk cannot be automatically resized and the VPG state changes to Needs Configuration. Host affinity rules are not set on the VRA or test VMs. Lack of support for some advanced queries, resulting in more queries against the vCenter Server, slowing response time. The VRA needs manual intervention when installed on a shared datastore and one of the hosts sharing the datastore is powered off.	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x
ESX/ESXi 4.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x	x
ESXi 5.0, 5.1, 5.5, 6.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESXi 6.5 For Zerto Virtual Replication versions v5.5P1 and above , natively supported.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ESXi 6.7	x	x	x	x	x	x	x	✓	✓	✓	✓	✓	✓
ESXi 6.7 U1 *Supported when the ESXi host is upgraded.	x	x	x	x	x	x	x	x	x	x	x	✓*	✓
vSphere Clients													
vSphere Client console 4.0 and higher	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x
vSphere Client console 4.1 - 6.0U3 (.NET Client)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vSphere Web (FLEX) Client 5.0-5.0U3 To enable the Flex Web Client, you need to perform the manual procedure described in Zerto Virtual Replication Installation Guide for VMware vSphere > Accessing the Zerto User Interface > Using the Zerto User Interface Within vSphere > Using the vSphere Web Client.	x	x	x	x	x	x	x	x	x	x	x	x	x
vSphere Web (FLEX) Client 5.1 and higher To enable the Flex Web Client, you need to perform the manual procedure described in Zerto Virtual Replication Installation Guide for VMware vSphere > Accessing the Zerto User Interface > Using the Zerto User Interface Within vSphere > Using the vSphere Web Client.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vSphere Web (FLEX) Client 6.7	x	x	x	x	x	x	x	x	x	x	x	x	x
vSphere HTML5 Web Client	x	x	x	x	x	x	x	x	x	x	x	x	x
VMware Security													
VMware vShield Edge/vCloud Networking and Security (all versions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZVR re-IP - Supported Operating Systems on vSphere Hosts													

 VMWARE VSPHERE WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Windows Server 2003, 2008, 2012, 2016 (all versions), 2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Red Hat Enterprise Linux versions 5-7x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise versions 10-11.x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ubuntu versions 14.10, 15.04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CentOS versions 5-7.x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Linux versions 6.x - Red Hat Compatible Kernel (RHCK)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Linux versions 6.x - Unbreakable Enterprise Kernel (UEK)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Linux versions 7.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vSphere Features													
16Gb FC HBAs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Datastore clusters	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Distributed Switch QoS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Encrypted vMotion	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fault Tolerance	x	x	x	x	x	x	x	x	x	x	x	x	x
High availability (HA) with/without admission control (recovery site)* <small>*Test failover, failover, and move will fail if admission control does not enable starting recovered VMs.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Host Affinity Rules and CPU Pinning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Host Secure Boot <small>*Supported when installed without VIB.</small>	x	x	x	x	x	x	x	✓*	✓*	✓*	✓*	✓*	✓*
Linked Clones <small>Collapsed upon recovery, before reverse protection.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lockdown modes of ESXi	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NSX-T network	x	x	x	x	x	x	x	x	x	x	x	x	✓
Protect VMs using thin provisioning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protected VM DRS and sDRS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stateless ESX over FCoE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

 VMWARE VSPHERE WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Storage IO control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Storage Profiles <small>Not involved in replication.</small>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Storage vMotion of protected VMs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Storage vMotion of VRA recovery disks <small>Cannot perform any recovery operations to the VRA during the storage vMotion.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vApp support <small>Individual VMs from the vApp can still be protected.</small>	x	x	x	x	x	x	x	x	x	x	x	x	x
vCenter Roles and permissions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCenter Server Appliance 6.5 High Availability	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓
VM Encryption	x	x	x	x	x	x	x	x	x	x	x	x	x
vMotion of protected VMs (with/without shared disks for VMs)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VMware Host maintenance mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VM Secure Boot	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VSAN 5.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VSAN 6.2, 6.5, 6.6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VSAN 6.7	x	x	x	x	x	x	x	x	x	✓	✓	✓	✓
VSAN 6.7U1	x	x	x	x	x	x	x	x	x	✓	✓	✓	✓
vSphere Flash Read Cache <small>The recovery VM is created without virtual cache enabled.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vVols	x	x	x	x	x	x	x	x	x	x	x	x	x


vCloud Director


Note: Protected machines are protected as a vCD vApp in the recovery site vCD. To review which settings are maintained, see *Zerto Virtual Manager Administration Guide for VMware vSphere Environments*, in the section **vApp Settings Maintained when Replicating from a Protected Site vCD to a Recovery Site vCD**.

 VCLLOUD DIRECTOR WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Management Tools - VMware vCloud Director using AMQP (Zerto Virtual Replication is tested with Rabbit MQ with Erlang/OTP)													
vCloud Director 1.0-1.5.2	x	x	x	x	x	x	x	x	x	x	x	x	x
vCloud Director 5.1-5.6.5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x	x
vCloud Director 8.0	x	x	x	x	x	x	x	x	x	x	x	x	x
vCloud Director 8.0.1, 8.0.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCloud Director 8.10.x, 8.20.x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCloud Director 9.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCloud Director 9.1	x	x	x	✓	✓	x	✓	✓	✓	✓	✓	✓	✓
vCloud Director (vCD) Features													
Extended vCloud Networking and Security (vCNS) Services: Five-tuple firewall and IPSec VPN services	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Third-party distributed switch support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vApp Networks <small>Zerto Virtual Replication does not replicate the settings of the vApp network such as NAT, Firewall, or DHCP configuration. To replicate all vApp network settings, a post-operation script must be implemented.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
vCD Public Addresses	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Elastic Virtual Datacenter	x	x	x	x	x	x	x	x	x	x	x	x	x
Extended vCloud Networking and Security (vCNS) Services*: Five-tuple firewall and IPSec VPN services <small>*With vCD 1.5, settings not replicated with the virtual machines.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fast provisioning using linked clones* <small>*Collapsed upon recovery, before reverse protection.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Metadata (Custom guest Properties) GUI* <small>*Metadata is replicated. Metadata on every vCD entity is supported as it does not interfere with replication.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Org vDC Networks <small>Treat all Org vDC networks as if they were part of the entire Organization.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


 VCLLOUD DIRECTOR WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Snapshots of protected VMs Only vCD VM and vApp metadata.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Single Sign-On vCenter Server must be connected to Active Directory.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Storage Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Storage Profiles with storage clusters as replication targets	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS 1.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TLS 1.1, 1.2 Note: AMQP installer is supported from vCD 9.0	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓

Microsoft Hyper-V

MICROSOFT HYPER-V WITH ZERTO VIRTUAL REPLICATION 	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
ZVM Operating Systems													
Windows Server 2008 R2 SP1 with KB3033929 and KB2864202	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 base	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 R2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2019	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual Machine Hardware													
Generation 1 & 2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Management Tools - Microsoft SCVMM													
2012 R2 and Server Core: Update Rollup 1-5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2012 R2 and Server Core: Update Rollup 6-11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2012 R2 and Server Core: Rollup 12-14	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2012 R2 and Server Core: RTM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2016 and Server Core: RTM Rollups 3 -5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hosts													
Windows 2012 R2 and Server Core	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2016 Server <small>If Secure Boot is enabled, Windows 2016 Server is not supported.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZVR re-IP - Supported Operating Systems on Hyper-V Hosts													
Windows Server 2008, 2012, 2016 (all versions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Red Hat Enterprise Linux version 7.3* <small>*See 5.0U1 Release Notes for additional information.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CentOS version 7* <small>*See 5.0U1 Release Notes for additional information.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Linux version 7* <small>*See 5.0U1 Release Notes for additional information.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle Linux version 7.3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓


MICROSOFT HYPER-V WITH ZERTO VIRTUAL REPLICATION 	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Hyper-V Features													
Dynamic disks	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High availability (HA)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Clusters	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Failover Clustering and Fault Tolerance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pass-through disks (both with a Hyper-V host or virtual machine)* <small>*A Hyper-V host with even one pass-through disk is ignored by Zerto Virtual Replication.</small>	x	x	x	x	x	x	x	x	x	x	x	x	x
Performance and resource optimization (PRO)	x	x	x	x	x	x	x	x	x	x	x	x	x
Dynamic optimization	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Multipath I/O	x	x	x	x	x	✓	✓	✓	✓	✓	✓	✓	✓
Anti-affinity rules	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Live migration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Quick storage migration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Host maintenance mode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Managing virtual machines with <i>run-as-account</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hyper-V Replica	x	x	x	x	x	x	x	x	x	x	x	x	x
Cluster Aware Updating (CAU)	x	x	x	x	x	x	x	x	x	x	x	x	x

Microsoft Azure

MICROSOFT AZURE WITH ZERTO VIRTUAL REPLICATION 	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Operating Systems													
Windows Server 2012 R2, Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual Machine Hardware													
UEFI Firmware	x	x	x	x	x	x	x	x	x	x	x	x	x
BIOS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Azure Storage Accounts													
General-purpose v1 (GPv1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZVR re-IP - Supported Windows Operating Systems on Azure													
Windows 2003	x	x	x	x	x	x	x	x	x	x	x	x	x
Windows 2008, 2012 (all versions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 7, 8, 8.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZVR re-IP - Supported Linux Operating Systems on Azure													
<small>Failing over Linux VMs with static IP is not supported. Linux machines with Paravirtual Controller are not supported on Azure.</small>													
Red Hat Enterprise Linux 6.7, 6.9, 7.4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CentOS 6.3, 7.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Debian 6.x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oracle 6.x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUSE version 12.x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ubuntu 14.04, 16.04	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft Azure Features - Supported Azure Regions													
Azure Government regions	x	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
China	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Germany (all)	x	x	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
All other regions	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Amazon Web Services (AWS)

AWS WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
Operating Systems													
NOTE: ZertoTools is required for supporting Zerto Import for All Volumes import method for Windows machines for failover and failback to VMware sites. The tool also enables reIP upon failback to a VMware site when using the Zerto Import for Data Volumes Import Method. For more information about ZertoTools, see Administration for vSphere Environments .													
Windows Server 2008 R2 SP1 with KB3033929 and KB2864202	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 base	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2012 R2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Virtual Machine Hardware													
Microsoft Windows 7, 8.1, 10	x	x	x	x	x	x	x	x	x	x	x	x	x
ZVR re-IP - Supported Windows Operating Systems on AWS													
Windows Server 2008R2, 2012, 2012R2, 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows 7, 8, 8.1, 10	x	x	x	x	x	x	x	x	x	x	x	x	x
ZVR re-IP - Supported Linux Operating Systems on AWS													
For the complete list of supported Linux operating systems for each of the Zerto Import methods, see vSphere to AWS - Supported Linux Operating Systems per Import Method													
AWS Regions Supported and Tested													
Asia Pacific - North East (Seoul)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Asia Pacific - North East (Tokyo)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Asia Pacific - South East (Sydney)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Asia Pacific - South East (Singapore)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AWS Gov Cloud (US) (Failover to AWS)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AWS Gov Cloud (US) (Failover from AWS)	x	x	x	x	x	x	x	✓	✓	✓	✓	✓	✓
Canada (Central)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
China (Beijing) <small>Requires Amazon AWS account with a valid ICP license. For further information see AWS documentation.</small>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EU Central (Frankfurt)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EU West (Ireland)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

AWS WITH ZERTO VIRTUAL REPLICATION	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
 AWS													
London	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Asia Pacific - South (Mumbai)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ohio	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
South America - South America East (Sao Paulo)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
US East (N.Virginia)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
US West (Oregon)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
US West (N. California)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

vSphere to AWS - Supported Linux Operating Systems per Import Method

Note: When failing over to AWS or failing back from AWS, Static to Static network settings configuration is not supported.

Legend:

- ✓ Supported
- ✗ Not supported
- Not tested

VSPHERE TO AWS IMPORT METHOD MATRIX / FEATURES	RHEL 6.7	RHEL 6.9	RHEL 7.0	RHEL 7.1	RHEL 7.2	RHEL 7.3	RHEL 7.4	RHEL 7.5	CENTOS 6.7	CENTOS 6.9	CENTOS 7	UBUNTU 14.04	UBUNTU 16.04	UBUNTU 17.10	SUSE 11 SP3
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Zerto Import for All Volumes (Recommended Zerto Import Method)

Failover with re-IP	DHCP to DHCP	✓	✓	✓***	✓***	✓***	✓***	✓***	✓***	✓	✓	✗	✓	✓	✗	✗
	DHCP to Static	✓	✓	-	-	-	-	-	-	✓	✓	-	✓	✓	-	-
	Static to DHCP	✓***	✓***	✓***	✓***	✓***	✓***	✓***	✓***	-	-	✗	-	-	-	-
Failback*	DHCP to DHCP	-	-	-	-	-	-	✗	-	-	-	-	-	-	-	✗
	DHCP to Static	✓	✓	-	-	-	-	-	✓	✓	-	✓	✓	-	-	-
	Static to DHCP	-	-	-	-	-	-	✗	-	-	-	-	-	-	-	-

Zerto Import for Data Volumes

Failover with re-IP	DHCP to DHCP	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✗	✗	✓
	DHCP to Static	✓	✓	-	-	-	-	-	-	✓	✓	-	✓	-	-	-
	Static to DHCP	-	-	✗	✗	✗	✗	✗	-	-	-	-	-	-	-	-
Failback*	DHCP to DHCP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✗
	DHCP to Static	✓**	✓**	-	-	-	-	-	-	✓**	✓**	-	✓	-	-	-
	Static to DHCP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AWS Import

Failover with re-IP	DHCP to DHCP	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓	✗	✗	✓
	DHCP to Static	✓	✓	-	-	-	-	-	-	✓	✓	-	✓	-	-	-
	Static to DHCP	-	-	✗	✗	✗	✗	✗	-	-	-	-	-	-	-	-

* Failback from AWS is available from ZVM v6.0 and higher.
 ** Upon failback, VMware tools is removed, and the recovered VM cannot be configured with a static IP.
 *** The Zerto reIP script needs to run on the protected VM to change the network configuration settings in the recovery instance and update it to DHCP. In additions, the script provides a fix in the registry to allow the recovered instance to boot in AWS. Contact Support for the script.


VSPHERE TO AWS IMPORT METHOD MATRIX / FEATURES		RHEL 6.7	RHEL 6.9	RHEL 7.0	RHEL 7.1	RHEL 7.2	RHEL 7.3	RHEL 7.4	RHEL 7.5	CENTOS 6.7	CENTOS 6.9	CENTOS 7	UBUNTU 14.04	UBUNTU 16.04	UBUNTU 17.10	SUSE 11 SP3	
Failback*	DHCP to DHCP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x
	DHCP to Static	✓**	✓**	-	-	-	-	-	-	✓**	✓**	-	✓	-	-	-	-
	Static to DHCP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Failback from AWS is available from ZVM v6.0 and higher.
 ** Upon failback, VMware tools is removed, and the recovered VM cannot be configured with a static IP.
 *** The Zerto reIP script needs to run on the protected VM to change the network configuration settings in the recovery instance and update it to DHCP. In additions, the script provides a fix in the registry to allow the recovered instance to boot in AWS. Contact Support for the script.

Zerto Virtual Manager Features - Support Matrix

FEATURE	ZVM VERSION													
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0U1	6.0U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2	
The File and Folder Recovery Process														
Operating Systems														
Windows XP and 2003 server	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x	x
Windows Vista and 2008 server and above	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linux	x	x	x	x	x	✓	✓	✓	✓	✓	✓	✓	✓	✓
File Systems and Volume Managers														
FAT	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x	x
NTFS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ReFS	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x	x
EXT2 / EXT3 / EXT4	x	x	x	x	x	✓	✓	✓	✓	✓	✓	✓	✓	✓
LVM <small>Unsupported configurations: LVM partitions spanning across multiple disks and LVM over RAID disk</small>	x	x	x	x	x	x	x	✓	✓	✓	✓	✓	✓	✓
Files and Folders														
Compressed Files	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x	x
Sparse Files	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x	x
Encrypted Files	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Deduplicated Files	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Links (Symbolic Links, Hard Links / Junctions, Mount Points)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Multi-partition Volumes (Spanned / Mirrored / Striped Volumes)	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Standard Files and Folders	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

External SQL Server Databases - Support Matrix

SUPPORTED MICROSOFT SQL SERVER VERSIONS	ZERTO VIRTUAL REPLICATION VERSION												
	5.5	5.5U1	5.5U2	5.5U3	5.5U4	6.0	6.0 U1	6.0 U2	6.0U3	6.0U4	6.5	6.5U1	6.5U2
 Microsoft SQL Server Enterprise 2008, 2008R2, 2012, 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft SQL Server Standard 2008, 2008R2, 2012, 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Microsoft SQL Express Server* 2008, 2008R2, 2012, 2016	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
* For capacity, click here to review the Zerto Scale and Benchmarking Guidelines.													

External SQL Server Databases - Support Matrix

Zerto helps customers accelerate IT transformation by eliminating the risk and complexity of modernization and cloud adoption. By replacing multiple legacy solutions with a single IT Resilience Platform™, Zerto is changing the way disaster recovery, backup and cloud are managed. With enterprise scale, Zerto's software platform delivers continuous availability for an always-on customer experience while simplifying workload mobility to protect, recover and move applications freely across hybrid and multi-clouds. Zerto is trusted by over 6,000 customers globally and is powering resiliency offerings for Microsoft Azure, IBM Cloud, AWS, SunGard AS and more than 350 cloud services providers. Learn more at Zerto.com

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