











Enterprise to AWS Technology Comparison

A Comparison of Zerto vs. Current & BC/DR Technologies

Zerto's innovative, hypervisor-based replication technology for VMware vSphere and Microsoft Hyper-V to private, public and hybrid cloud environments. Zerto Virtual Replication (ZVR) delivers a true enterprise-class, yet fully virtual-aware, complete BC/DR solution for all virtualized applications that require protection.

Zerto meets all the requirements of protecting enterprise applications running in virtualized environments by providing continuous data protection, disaster recovery orchestration & automation with an offsite backup for a 3rd copy of the data to ensure you can always recover in one simple to use software solution.

Feature	Description
 Hypervisor-based Replication	BC/DR for VMware vSphere & Microsoft Hyper-V hypervisors
 Granular, VM-level protection	Granular VM protection with no snapshots and no slowdown
 Storage Agnostic Replication	Replicate from anything to anything removing lock-in
 Continuous Data Protection	Any point in time recovery DVR-like protection
 Full BC/DR Orchestration	Automated failover, failback & non-disruptive isolated testing
 Aggressive Service Levels	Realize RPOs of seconds & RTOs of minutes
 Protect Applications	Recover applications with multi-VM consistency groupings
 Simple Installation	Installation in minutes with no downtime
 Offsite Backup	Always recover with 3rd data copy taken from replicated data
 Complete BC/DR	One software solution for complete BC/DR protection

COMPARED TECHNOLOGIES

The current and legacy solutions compared in this document include:

Zerto Virtual Replication

Enterprise-class replication, recovery orchestration and automation BC/DR technology

Actifio One

Snapshot-based replication to AWS

CloudEndure

Agent-based CDP offering block-level replication to AWS EBS for data and boot volumes

CloudVeloX

Agent-based replication using snapshots and "pilot-lighting" servers in the cloud

Hotlink

Replication using vCenter snapshots with vSphere only

COMPARISON METHODOLOGY

To provide a meaningful comparison, the features required as part of a complete BC/DR solution have been separated into the following categories:

- ✓ Architecture
- ✓ Replication
- ✓ Automation
- ✓ Cloud Readiness

COMPARISON MATRIX

Architecture	Zerto	Actifio One	CloudEndure	CloudVelox	Hotlink
Production proven DR	●	●			
BC/DR for vSphere & Hyper-V	●	●			
Hypervisor-based replication	●				
Supports Hybrid Cloud (vSphere, Hyper-V, AWS)	●		●	●	
Agent based		For some workloads	●	●	
Offsite backup from replica data	●				

Replication	Zerto	Actifio One	CloudEndure	CloudVelox	Hotlink
RPO = seconds with no snapshots	●		●		
Snapshot based replication		●		●	●
Agent in guest VMs		●	●	●	
Recover to any point in time	●		●		
Multi-VM consistency groupings	●	●	●	●	
Zero guest performance impact	●				

Automation	Zerto	Actifio One	CloudEndure	CloudVelox	Hotlink
RTO from source site: Multiple VMs with predefined boot order recoveries	●				
Orchestrated & automated failover	●	Per VM Failover	●	●	Per VM Failover
No snapshots to recover VM	●				

Hybrid Cloud Readiness	Zerto	Actifio One	CloudEndure	CloudVelox	Hotlink
Replication to Zerto Cloud Provider and AWS for Hybrid Protection	●	●			
Replication to AWS from Hyper-V and vSphere	●	●			
Multi-tenancy & traffic isolation at the source side	●				
vCloud Director integration at the source side	●				
Self-service portals at the source side	●				
Full REST based APIs at the source	●				

SUMMARY

Only Zerto Virtual Replication provides enterprise-class replication features that easily align with flexible virtual environments and provides the added advantages of being storage agnostic, hypervisor agnostic with fully integrated orchestration and automation that is cloud ready and provides a complete BC/DR solution for your virtualized applications.



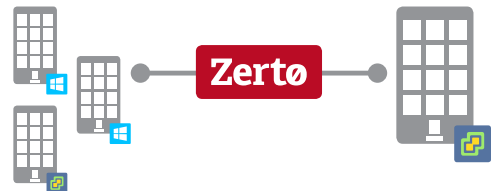
Gartner, "Cool Vendors in Business Continuity Management and IT Disaster Recovery Management, 2014", Roberta J. Witty, John P. Morency, Robert Naegle, April 2014. Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

ZERTO AS A FUTURE-PROOF TECHNOLOGY SOLUTION

1 Private Cloud—Any Storage, Multi-Hypervisor



2 Satellite Offices—Any Distance



3 Hybrid Cloud—DRaaS, Intra-Cloud & Reverse DRaaS



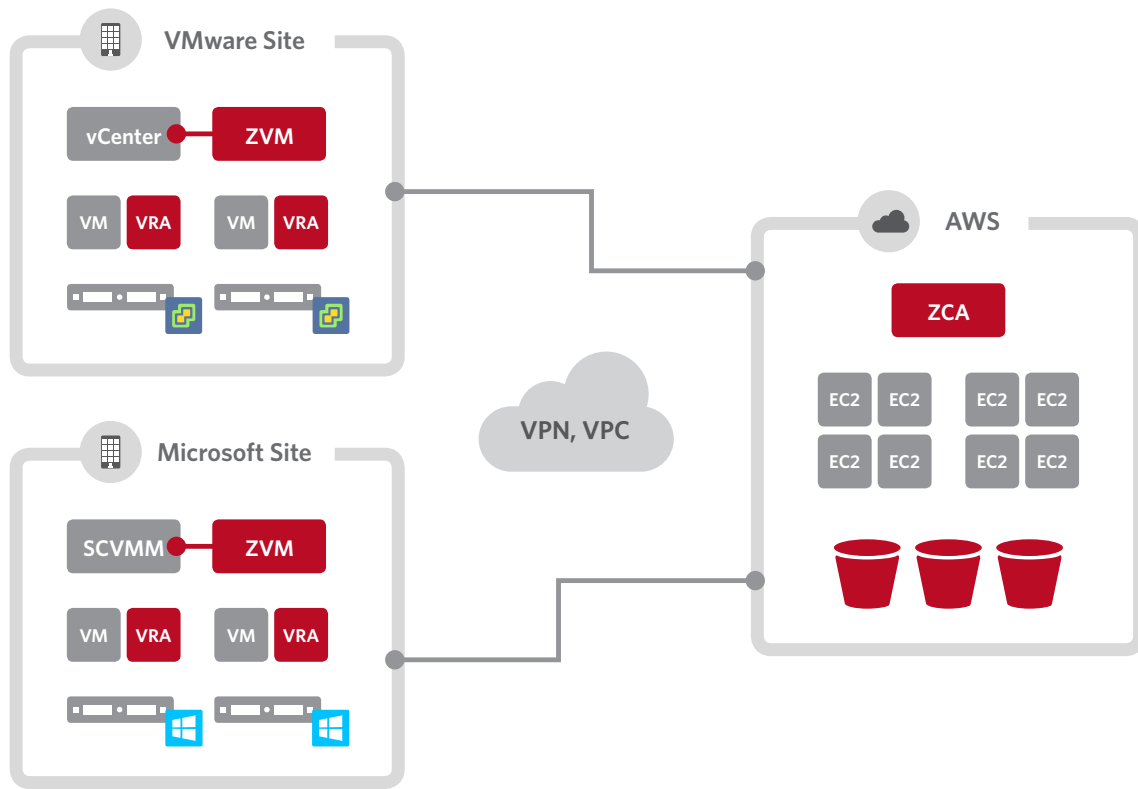
4 Public Cloud—DRaaS to AWS



5 Future Proof—Support future technologies



MULTIPLE SOURCE SITE HYPERVISOR TO AWS



WANT TO TRY IT OUT?

Zerto Virtual Replication can be installed, configured and replicating VMs in under 1 hour. With simple VM-based replication enabling RPOs of seconds and RTOs of minutes why not go to www.zerto.com and click to **download a free trial** today?

ABOUT ZERTO

Zerto is committed to keeping enterprise and cloud IT running 24/7 by providing scalable business continuity software solutions. Through the Zerto Cloud Continuity Platform, organizations seamlessly move and protect virtualized workloads between public, private and hybrid clouds. The company's flagship product, Zerto Virtual Replication, is the standard for protection of applications in cloud and virtualized datacenters.

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