











## Zerto Virtual Replication for Amazon Web Services 1.0

Enterprise Class Replication from VMware vSphere and Microsoft Hyper-V to Amazon Web Services

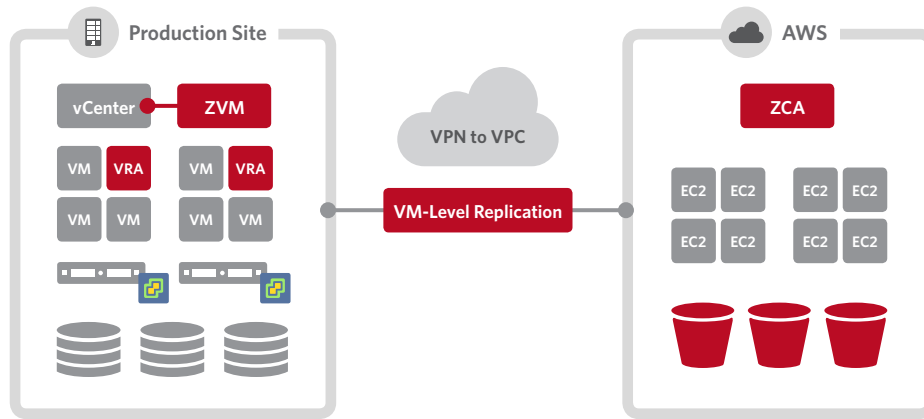
Zerto Virtual Replication is the industry's first enterprise class disaster recovery solution from on-premise to Amazon Web Services (AWS). This critical capability extends the Cloud Continuity Vision with consistent and continuous replication of production workloads from VMware and Microsoft environments to AWS, delivering more options for disaster recovery. By leveraging AWS for the target site, capital costs are dramatically reduced and replaced with a predictable monthly service. Lastly, the time to acquire and configure hardware is eliminated, making it easy for IT to quickly meet changing business requirements.

Feature	Description
 <b>Hypervisor-based Replication</b>	Continuous, block-level replication from VMware vSphere and Microsoft Hyper-V to AWS with native multi-tenancy
 <b>Granular, VM-level protection</b>	Protect exactly what is needed—VMs and Virtual Disks
 <b>Full Orchestration to AWS</b>	Automate migration and disaster recovery testing with boot order and re-IPing
 <b>Continuous Data Protection</b>	Recover from any disruption with up to 5 days worth of data with recovery points available every couple of seconds
 <b>Complete Data Protection</b>	Easily identify protection gaps with Disaster Recovery and Offsite Backup in one solution
 <b>Simple Management</b>	Centralized management for two sites with the Zerto Virtual Manager or multiple sites with the Zerto Cloud Manager
 <b>Aggressive Service Levels</b>	Recover in AWS with minimal data loss and with RTOs faster than any other competitor
 <b>Simple Installation</b>	Complete in just one hour without changing application or storage configurations – architect for performance not DR
 <b>Protect Production Workloads</b>	Ensure application consistency with groups of VMs which are protected, managed, replicated and recovered as one entity
 <b>Storage Agnostic Replication</b>	Remove barriers to entry with storage independent replication

“ Currently, for a cloud solution to even be considered to supplement our datacenter environment, it must use Zerto Virtual Replication. With Zerto's introduction of offsite backup with AWS, we're able to back up our large backup files without taxing our retention system. Having a cost-effective tool like Zerto Virtual Replication, that's hardware agnostic and has little impact on the user environment, has really turned a lot of heads here.

—Jayme Williams, Senior Systems Engineer, Tencate





Component	Description
Zerto Cloud Appliance (ZCA)	The Zerto Cloud Appliance manages the replication of data into AWS S3 Storage and backup operations as part of Zerto's Offsite Backup capabilities
Zerto Virtual Manager (ZVM)	Manages disaster recovery, business continuity and offsite backup functionality at the site level; plugs into the hypervisor manager
Zerto Virtual Replication Appliance (VRA)	Replicates the VMs and virtual disks; one per host required
Zerto Virtual Backup Appliance	Manages offsite backup operations. Runs as a service within the ZVM at the target site, in this case, in Amazon Web Services and enables the backup of replicated data
Journal	Like a DVR for the environment, stores from 1 hour up to 5 days worth of data with continuous checkpoints for failover

**Key Use Cases for Zerto Virtual Replication and Public Cloud**

Use Case	Description
Replicate from Private Cloud to AWS	Realize the benefits of a hybrid cloud with the ability to replicate to VMs to the cloud for disaster recovery or test and development, simply with a single solution.
Migrate applications simply and quickly to reduce infrastructure costs with AWS	Easily leverage public cloud infrastructure with the ability to migrate applications fast. Through public cloud significant cost savings can be realized with the elimination of on-premise hardware and software that must be purchased, maintained and managed.
Fast, Cost-effective DR	Disaster Recovery solutions require that a second site be available for replication. This requires locating a second site, purchasing equipment and hiring staff which takes time. With the ability to leverage Amazon Web Services, there is no waiting on equipment to arrive and be configured.

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.

**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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