



# Zerto for Amazon Web Services (AWS)

## Complete Data Protection and Mobility for AWS

Zerto delivers IT Resilience in a single platform for disaster recovery, backup, and workload mobility to, from, and between multiple clouds. You can simultaneously replicate VMs within the same datacenter, to a remote datacenter and to AWS. From AWS, Zerto empowers you to fail back to on-premises and migrate workloads to other public clouds.

Zerto provides agentless enterprise-class replication utilizing cost effective and flexible S3 to store replicated data, recovering workloads as needed into EC2 in an automated manner. With Zerto, you'll realize the true potential of AWS with the ability to migrate and protect application workloads in the public cloud and migrate those workloads back out as needed. This flexibility minimizes costs and risk while gaining on-demand, limitless capacity and scale when needed.

Powered by journal-based recovery, Zerto eliminates the high data loss potential from using legacy backup "snapshot" methods. Minimize the impact of disasters, logical corruptions or ransomware infections by utilizing Zerto to restore VMs, files and folders from within seconds before the incident occurred. With consistency groupings, migrate and recover complete applications to and from AWS in the event of an individual application failure, site-wide outage, or as part of a planned migration.

## Key Capabilities

### Recovery Point Objective (RPO) of Seconds with Continuous Data Replication

Zerto utilizes continuous data replication, protecting every change in near real-time to ensure your RPO meets performance requirements whether into or out of AWS.

### Speed Up Cloud Adoption

Remove hypervisor and storage lock-in and replicate from VMware or Hyper-V environments to AWS, enabling migration with minimal downtime or impact.

### AWS as a Disaster Recovery Site

Save significant costs by utilizing AWS as a disaster recovery site. Pay only for what you use, with no recovery VMs created until you need them with limitless burst capacity.

## KEY HIGHLIGHTS

### Ease of Use

Be installed and replicating in under 2 hours. No professional services, no resource overheads, simple

### Reduce costs & Resources

Enable significant cost savings by utilizing AWS as a disaster recovery site

### Multi-Cloud Enabled

Multi-cloud capability with replication to, from, and between AWS sites or to other public clouds

### No Production Impact

No agents, no snapshots, meaning no guest VM impact. Test recovery without production impact at any time with just 3 clicks

### No Vendor Lock-In

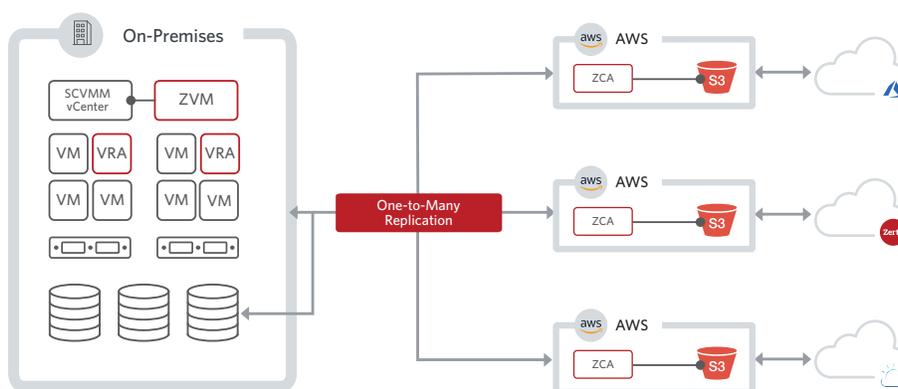
Remove lock-in and evolve IT with platform-agnostic replication, recovery, and mobility

## Multi-Cloud, Hybrid Cloud Enabled

Remove cloud platform lock-in and replicate into or out of AWS, IBM Cloud or Microsoft Azure with minimal downtime or impact.

## Easily Recover Entire Sites, Multi-VM Apps, VMs, and Files

Rewind and recover individual files, folders, VMs, applications, and entire sites from any point in time within the journal, removing the extended data loss traditionally associated with backups.



Components	Description
Zerto Virtual Manager (ZVM)	Central management interface for replication and recovery orchestration, deployed in a Windows VM, 1 per vCenter (4.x to 6.5) or SCVMM (2012 R2+) server for redundancy
Virtual Replication Appliance (VRA)	Scale-out architecture of 1 VRA per hypervisor host utilizing 1 vCPU, 4GB RAM, 12GB disk and 1 IP for continuous VM block-level replication with no snapshots and no impact
AWS Connectivity	Using a >5Mbps link pre-configure a VPN to a VPC or use Direct Connect to enable replication from on-premises virtual infrastructure to AWS
AWS Zerto Cloud Appliance (ZCA)	Combination of a ZVM and VRA installed in a Windows 2012 R2+ M4 xLarge EC2 instance, deployed and configured manually to enable replication into AWS
AWS Storage	Replica VMs and journal data for point-in-time recovery stored in cost effective S3 storage, bucket automatically created in the same region as the ZCA with optional encryption
One-to-Many Replication	Simultaneously replicate VMs within local datacenter, for recovery direct to production, cross-hypervisor, to a DR site, and to AWS
Virtual Protection Group (VPG)	Multi-VM consistency grouping mechanism for the consistent recovery of applications; supports VMs across hosts, clusters, storage, HA, vMotion, and Storage vMotion
AWS Recovery Settings	On each VPG pre-configure VPC networks, subnets, security groups, re-IP addressing, and instance sizing to enable fully automated recovery to AWS

Vist our website to learn more about the power of Zerto for [Amazon Web Services](https://aws.amazon.com/).

**SCHEDULE A DEMO**

## About Zerto

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, data protection 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. [www.zerto.com](https://www.zerto.com)

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