



Zerto IT Resilience Platform for Amazon Web Services (AWS)

Mobility and protection to, from or between AWS sites with Zerto

Combining the Zerto IT Resilience Platform™ with AWS helps you achieve IT resilience, by converging disaster recovery, data protection and cloud mobility. Fast and flexible workload migration between AWS regions helps you accelerate cloud adoption.

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

The Zerto IT Resilience Platform gives AWS users the following capabilities:

Disaster Recovery in AWS: Realize significant cost savings by making AWS a disaster recovery site and only pay for what you use with limitless burst capacity.

Easy Migrations To, From, and Between AWS Sites: Zerto migrates applications and data to the cloud, quickly, correctly, and without impact to production environments. This includes migrating between AWS regions. Deploy Zerto in any underlying infrastructure without configuration changes required.

Zerto IT Resilience Platform Capabilities

Application Consistency

Utilize consistency groups known as Zerto Virtual Protection Groups (VPGs) to protect, recover, and migrate all VMs associated with an application to or from AWS in the event of an application failure, ransomware attack, site-wide outage, or planned migration. All VMs are restored to a single point-in-time with data fidelity and integrity as a consistent digital twin of the production VMs in AWS.

Continuous Data Protection

Zerto's industry-leading CDP uses near-synchronous replication at the hypervisor layer. This always-on replication tracks and protects every change in near-real time to ensure RPOs of seconds. Utilize Zerto's unique journaling technology to dramatically mitigate data loss by rewinding and restoring entire sites, applications, VMs, or files with seconds of granularity.

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

Orchestration and Automation

Zerto delivers faster management of AWS workloads at scale with minimal touch and automates manual processes to eliminate complex runbooks. This enables organizations to shift from reactive, resource-intensive processes to proactive, strategic IT. Easily configure protection for an entire multi-VM application using pre-defined settings, such as VM boot order, network configuration, and re-IP. Zerto provides ready-made examples to fully automate the protection and mobility of your workloads.

Analytics

Built-in to the IT Resilience Platform, Zerto Analytics provides full visibility into your multi-site, multi-cloud environment. With intelligent dashboards, monitoring, and reporting, users can maintain complete oversight of their entire digital estate's protection status.

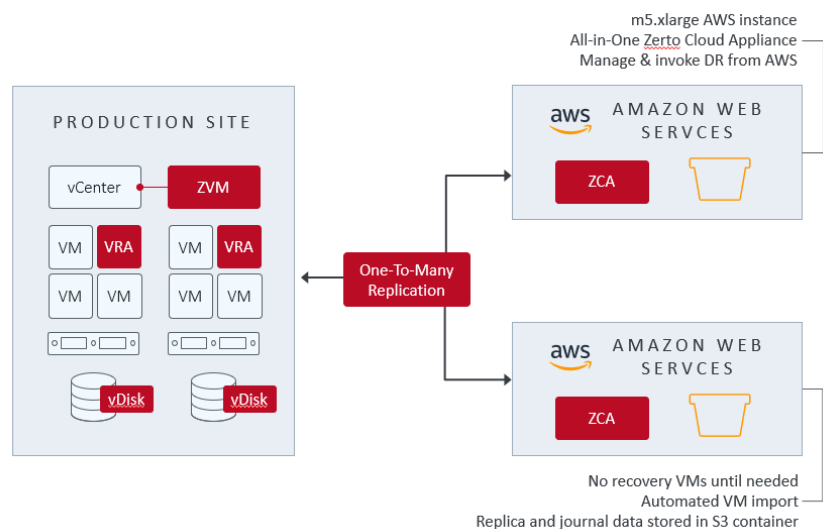
Non-Disruptive Testing

Enjoy simplified, automated disaster recovery and migration validation testing that can be performed during work hours with zero impact on production. Automatically generate detailed audit reporting on each step of your failover test. Validate and test your migrations ahead of time in an isolated bubble network with on-the-fly VM conversion between hypervisors and cloud platforms. Zerto supports pre- and post-replication scripts to automate the recovery process, as well as PowerShell and REST APIs for further customization.

How it works

When implementing Zerto within AWS, a Zerto Cloud Appliance (ZCA) is deployed from AWS, combining the management component (Zerto Virtual Manager) and replication engine (Virtual Replication Appliance) in one. An AWS Storage Account is used and can be automatically created by the ZCA and then utilized to store the incoming replicated data, using cost-effective S3 storage.

Learn more about the benefits of the [Zerto IT Resilience Platform on AWS](#).



LEARN HOW TENCATE FABRICS MIGRATES TO AWS WITH ZERTO

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