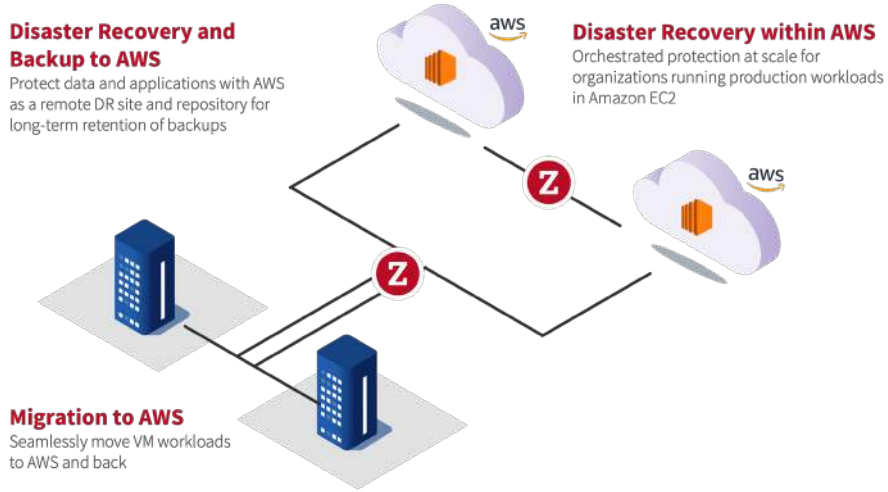
Zerto for Amazon Web Services (AWS)

Complete Disaster Recovery and Mobility to, from, and between AWS Regions

Organizations that want to run workloads in Amazon Elastic Compute Cloud (EC2) instances need to protect those workloads as they move to AWS or protect across regions once inside AWS. With Zerto, a Hewlett Packard Enterprise company, you can accelerate and enhance your AWS journey by enabling ransomware resilience, disaster recovery, and multi-cloud mobility with a software-only solution purpose-built for AWS and its cloud-native services.

Zerto has been an industry leader for over a decade by providing fast RPOs and RTOs at scale, including orchestration and automation of the entire recovery or migration process in enterprise, virtualized, and cloud environments. Whether your organization is moving to AWS for the first time, has already migrated to a full or hybrid AWS environment, or has cloud-native applications born in AWS, Zerto has the solution to help you lower your costs and unlock the full potential of AWS as an enterprise IT environment.



KEY HIGHLIGHTS

Simplicity at Scale

Protect or migrate thousands of VMs.

Cost-Effective

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

Built for Hybrid, Multi-Cloud

Replicate to, from, and between on-premises and AWS.

Agentless

Manage easily without impact on VM performance.

Software-Only

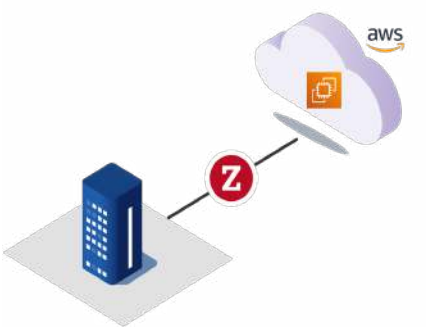
Ditch hardware appliances and get seamless compatibility with a wide range of platforms.

How It Works

Zerto for AWS uses award-winning continuous data protection (CDP) and journaling, along with AWS cloud-native replication, to protect VMs both from on-premises to AWS and across regions within AWS. Nondisruptive testing across your AWS workloads allows you to validate recoverability, perform a migration dry run, or test against production replicas—all with no impact to your production environment or protection.

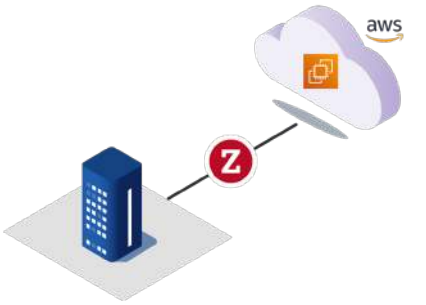
Migration to AWS

- Our scale-out virtual appliances, with built-in WAN optimization, encryption, and quality of service, replicate every data change in near real time.
- Rapid tests and one-click rollback functionality enable you to easily perform dry runs before committing to a migration.
- Simple orchestration workflows allow replication and migration to AWS with only minutes of downtime, even at enterprise scale.



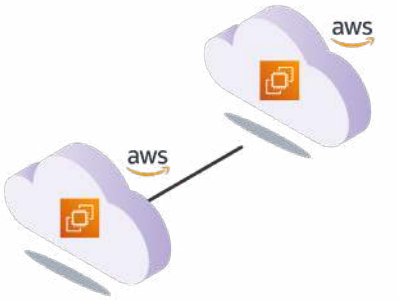
Disaster Recovery to AWS

- Always-on, near-synchronous replication unlocks RPOs of seconds and RTOs of minutes, radically reducing data loss and downtime*.
- Our CDP engine uses unique journaling technology to track all changes that occur on any protected workload. You can use that journal data to recover to any point in time with seconds of granularity.
- In addition to the short-term journal—with retention from one hour up to 30 days—offsite copies can be retained for up to one year on immutable Amazon Simple Storage Service (S3) storage.
- The intuitive interface and management plane orchestrates and automates operations with simplicity.



Disaster Recovery within AWS

- Zerto In-Cloud for AWS enables highly scalable, orchestrated disaster recovery to/from AWS Regions and Availability Zones.
- The Zerto In-Cloud Manager integrates with Amazon DynamoDB and Amazon Elastic Block Store (EBS) to provide automation and orchestration of protection for Amazon EC2 instances across all associated accounts, regardless of size.
- A complete Swagger-based REST API—including ready-made Postman collections—enables easy integration with other management or automation solutions, such as Ansible, Jenkins, Terraform, and more.
- CloudWatch integration improves efficiency and provides deep visibility into all facets of Zerto In-Cloud operations.



*Source: Tencate Case Study

Zerto
a Hewlett Packard Enterprise company

Key Features and Benefits

	Zerto for AWS	Zerto In-Cloud for AWS
Enterprise Scalability Zerto users can migrate and protect thousands of VMs, or Amazon EC2 instances.	✓	✓
Application Centric Management Utilize Zerto Virtual Protection Groups (VPGs) to protect, recover, and migrate all VMs or instances associated with an application to, from, or within AWS.	✓	✓
Continuous Data Protection (CDP) Zerto's industry-leading always-on replication and unique journaling tracks and protects every change in near-real time to ensure RPOs of seconds.	✓	
Native Amazon EC2 Replication Zerto leverages efficient, native replication in Amazon EC2 adding automation and orchestration to effortlessly scale to protect 1000+ instances.		✓
Orchestration and Automation Easily configure protection for an entire multi-VM application using pre-defined settings, such as VM boot order, network configuration, and re-IP.	✓	✓
Analytics Zerto Analytics provides full visibility into your protected multi-site, multi-cloud environment.	✓	✓
Nondisruptive Testing Simplified, automated testing that can be performed during work hours with zero impact on production. Automatically generate detailed audit reporting on each step of your test.	✓	✓

Try It Now

Learn How TenCate Fabrics Migrates to AWS with Zerto

aws Available in AWS Marketplace

Zerto-in-Cloud is now available in the AWS Marketplace

About Zerto

Zerto, a Hewlett Packard Enterprise company, empowers customers to run an always-on business by simplifying the protection, recovery, and mobility of on-premises and cloud applications. Zerto eliminates the risk and complexity of modernization and cloud adoption across private, public, and hybrid deployments. The simple, software-only solution uses continuous data protection at scale to solve for ransomware resilience, disaster recovery, and multi-cloud mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for more than 350 managed service providers. **www.zerto.com**

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