

Zerto for Disaster Recovery

Achieving an Uninterrupted Business

In today's always-on business world, your customers, partners, and employees expect 24/7 access to services and data. Unplanned downtime from natural disasters, cyberattacks, and outages are your biggest availability threats. With an effective disaster recovery (DR) plan and solution in place, your organization becomes resilient and able to easily resume operations with minimal downtime and data loss.

Zerto, a Hewlett Packard Enterprise company, solves these challenges and enables your organization to recover from a disruption or an outage with the lowest recovery point objectives (RPOs) and fastest recovery time objectives (RTOs) in the industry, dramatically limiting your risk of data loss and downtime.

What Makes Zerto Different?

Zerto uses advanced technology to provide a comprehensive range of features and benefits.

Thousands of recovery points

- Always-on replication creates thousands of recovery points, just seconds apart, for granularity with industry-leading RPOs. This approach delivers the best of synchronous and asynchronous replication.
- The same CDP engine that analyzes recovery points and flags any anomalous encryption (which may indicate a ransomware attack) also offers real-time alerting as data streams in, helping IT or SecOps to act mid-attack rather than hours or days after the fact.
- Journal-based recovery easily selects granular checkpoints every five seconds.
- Rewind and restore functions can recover entire sites, applications, VMs, and files.

HIGHLIGHTS

RPOS OF SECONDS

Recovery from thousands of checkpoints, seconds apart

SOFTWARE-ONLY

No appliances, no agents, and no vendor or hardware lock-in

CLOUD-READY

Workloads can be moved and protected to the cloud of your choice—including multiple simultaneous targets

INSTALL IN MINUTES

Zerto easily installs into any enterprise environment without downtime

ORCHESTRATION AND AUTOMATION

Simple workflows to perform moves and failovers in a few clicks

REAL-TIME ENCRYPTION DETECTION

Earliest warning alarm so you can act within seconds of a malicious encryption event

Hardware agnostic and technology agnostic

- Hypervisor-based replication works with both VMware vSphere and Microsoft Hyper-V, with no impact to production environments.
- Seamless integration supports any on-premises infrastructure and cloud target site.
- A software-only solution with always-on replication removes the need for scheduling, agents, and appliances.

Application-centric recovery

- Multi-VM applications protected as one cohesive unit provide simple, consistent recovery.
- The fastest RTOs in the industry enable you to recover large enterprise applications quickly, from any point in time.

Simplicity

- Fast installation gets you up and running in minutes.
- An easy-to-use interface offers centralized management and one experience, whether on-premises or in the cloud.
- Full orchestration and automation remove manual processes, taking the pain out of DR operations.
- Automatic VM protection ensures complete, flexible data protection across your environment even when you add new VMs.

Cloud-ready

- Get total flexibility for DR to your cloud of choice: Zerto supports private, hybrid, and public clouds such as Azure or AWS.
- Zerto supports 350+ managed service provider partners, as well as VMware on public cloud with the Azure VMware Solution, Google Cloud VMware Engine, Oracle Cloud VMware Solution, or IBM Cloud.
- Multi-cloud agility unlocks DR to, from, and between any of the listed cloud environments, and you can simply add new cloud targets as your cloud strategy evolves.
- Zerto is purpose-built for the cloud, leveraging native cloud services for resource management, auto-scaling, and cost-effective storage—with limitless burst capacity and no running VMs until needed during failover.

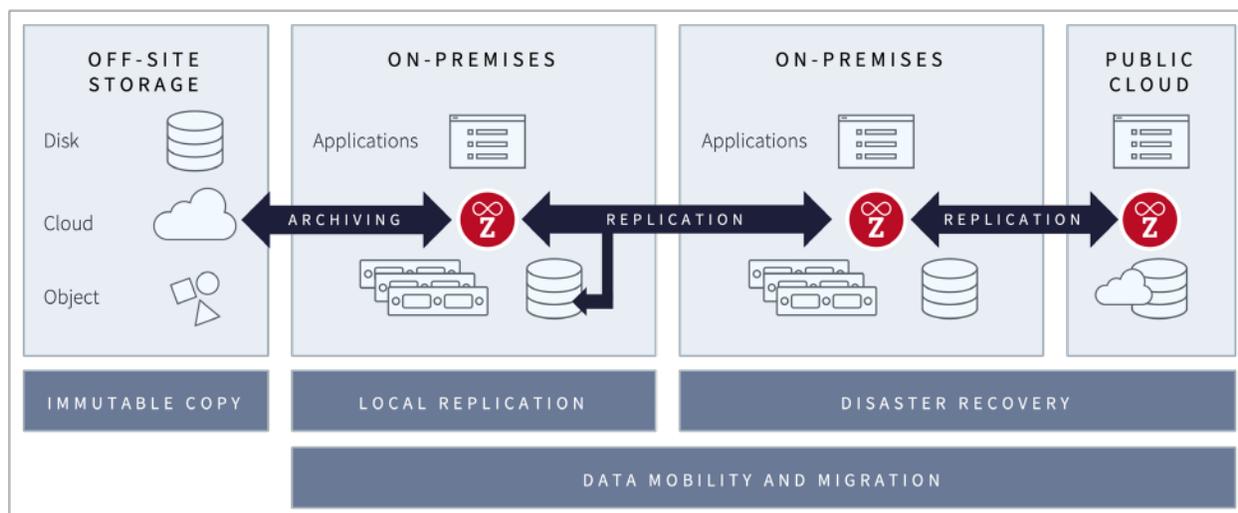
Analytics and reporting

- Built-in analytics provides unparalleled multi-site visibility, including a mobile app for monitoring SLAs from anywhere.
- Zerto Resource Planner enables accurate infrastructure planning using real-world application data—you can predict and size DR needs based on both protected and unprotected VMs for on-premises and cloud.
- Detailed reporting across all resources and recovery operations ensures the right data is available when you need it, whether for compliance, auditing, or performance analysis.

Zerto is an agile, flexible solution ready to keep you resilient on-premises, in the cloud, or in between.

How It Works

Zerto's software-only solution ensures enterprise-class protection of your environment, no matter the size:



Our scale-out replication appliance with built-in WAN optimization, encryption, and quality of service replicates every change generated in real time to the target journal and is responsible for copying data to the long-term retention repository.

- The journal contains all changes that occurred to any protected entity. It allows you to use that data to restore to any point in time with seconds of granularity.
- The management server integrates with any hypervisor management platform and has an intuitive interface that orchestrates user-initiated operations with simplicity.

In public clouds, an all-in-one cloud appliance combines management and replication components. It integrates natively, using cost-efficient storage offerings, APIs, and cloud-scaling features.

Get Resilient with the Industry's Best in Disaster Recovery

From providing thousands of recovery points and application-centric recovery to simple multi-cloud mobility, Zerto has the capabilities to support your always-on business with the fastest RPOs and RTOs in the industry. With more resources available, including hands-on labs and a free trial, you can see firsthand how Zerto helps you become resilient in today's digital marketplace.

[Learn more about how Zerto can help elevate your DR strategy](#)

[Start A Free Trial](#)

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 Amazon, Google, IBM, Microsoft, and Oracle and more than 350 managed service providers. www.zerto.com

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