



## Zerto for Disaster Recovery

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, cyber-attacks, 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.

Zerto for disaster recovery provides the following features:

- Single, **unified experience** across all supported platforms, including VMware vSphere, Hyper-V, Microsoft Azure, AWS, Google Cloud, Oracle Cloud, IBM Cloud, and over 350 managed service provider partners who offer disaster recovery as a service (DRaaS)
- Simple, **software-only solution** using built-in orchestration and automation to reduce the time, resources, and cost of performing failovers, failback, and testing

### What Makes Zerto Different? Continuous Data Protection

#### 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
- Journal-based recovery to easily select granular checkpoints every five seconds
- Rewind and restore to recover entire sites, applications, VMs, and files

#### 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 for any on-premises infrastructure and cloud target site
- Software-only with always-on replication, removing the need for scheduling, agents, and appliances

#### HIGHLIGHTS

##### RPOs of seconds

Recovery from thousands of checkpoints, seconds apart

##### Software-only

No appliances, agents, or vendor lock-in

##### Cloud-ready

Move and protect workloads to the cloud of your choice

##### Install in minutes

Easily install Zerto into any enterprise environment without downtime

##### Orchestration and automation

Simple workflows to perform moves and failovers in a few clicks

##### Compliance reporting

Perform DR tests without any disruption and get automatic delivery of compliance reporting

### Application-centric recovery

- Protect multi-VM applications as one cohesive unit for simple, consistent recovery
- Recover large enterprise applications quickly, from any point in time, with the fastest RTOs in the industry

### Simplicity

- Fast installation to be up and running in minutes
- 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
- Automatically protect VMs to ensure complete, flexible data protection across your environment even when you add new VMs

### Cloud-ready

- Total flexibility for DR to the cloud of choice; Zerto supports private, hybrid, and public clouds such as Azure or AWS, 350+ managed service provider partners, or 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 simply add new cloud targets as your cloud strategy evolves
- Purpose-built for the cloud; leverages 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; 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 needed, whether for compliance, auditing, or performance analysis

## TECHNICAL DETAILS

### Data Protection Platforms

- VMware vSphere 6.0 and higher
- Microsoft Hyper-V 2016 and higher\*
- Microsoft Azure
- Amazon Web Services
- VMware on Public Cloud
  - Azure VMware Solution
  - Google Cloud VMware Engine
  - Oracle Cloud VMware Solution
- Microsoft Azure Kubernetes Service (AKS)
- Amazon Elastic Kubernetes Service (EKS)
- Google Kubernetes Engine (GKE)
- IBM Cloud Kubernetes Service (IKS)
- Red Hat OpenShift
- Zerto managed service providers

### Supported Cloud Management Systems

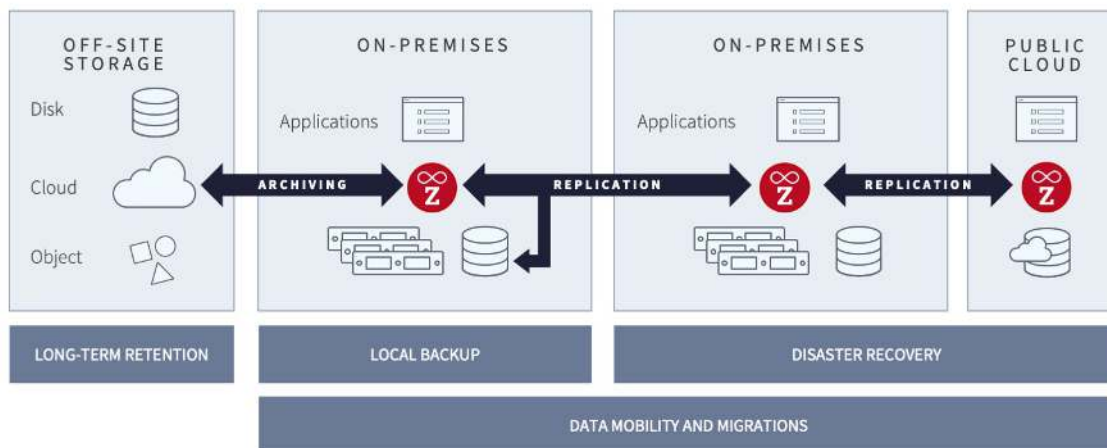
VMware vCloud Director 9.1 and higher

### Supported Guest OS

Zerto supports protection and recovery of any guest OS that is supported by the underlying platform

## How It Works

Zerto's software-only solution ensures enterprise-class protection of your environment no matter the size with components that include:



- 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 and 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
- A long-term retention repository allows you to store data for years on cost-effective disk, cloud, or object storage

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.

 | [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's cloud data management and protection solution eliminates the risks 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 converge disaster recovery, backup, and data mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Microsoft Azure, IBM Cloud, AWS, Google Cloud, Oracle Cloud, and more than 350 managed service providers. [www.zerto.com](http://www.zerto.com)

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