Zerto IT Resilience Platform™

Converged Disaster Recovery & Backup

Zerto's IT Resilience Platform converges disaster recovery, backup, and workload mobility whether on-premises or to, from, and between hybrid and multi-cloud platforms. The platform is built on a foundation of continuous data protection (CDP) with built-in orchestration and automation, providing IT leaders with simplicity, enterprise scale, and agile data protection to save time, resource, and costs. Analytics, with intelligent dashboards and live reports, provides complete visibility across multi-site and multi-cloud environments to give you the confidence to know business service levels and compliance needs are met.

By combining CDP with journal-based recovery, Zerto allows you to rewind to any point-in-time with seconds of granularity up to 30 days in the past. To meet compliance requirements, Zerto provides long-term retention with policy-based offloading of your backup data to cost-efficient secondary storage. Tightly integrated intelligent index and search within the platform allows you to quickly find your files and folders and select the appropriate point-in-time to recover the data. This powerful combination ensures you are never left unprotected and eliminates the challenges of complex, costly legacy backup. With recovery to any point in time, Zerto eliminates the exposure of hours of data loss with traditional "snapshot" periodic backup.

Built-in orchestration and automation allow you to define workflows for live failovers and failover tests to enable push-button disaster recovery. Prove your resilience with robust tests that won't impact production environments or disrupt protection.

KEY HIGHLIGHTS

Heterogeneous Replication

Replicate and recover to, from and between all supported platforms

Granularity of Seconds

Recover to any point in time, only seconds apart, with journal-based recovery

One Platform

A single, simple, scalable platform replacing multiple complex tools

Continuous stream of recovery points

Unique Elastic Journal that combines the granular journal technology with long-term repositories

Benefits

Native and Agentless Continuous Data Protection	Journal-Based Recovery	Full Application Stack Protection
Agentless protection natively integrates into existing platforms. Continuous data replication has absolutely no impact to the performance of the production environment. Easy, non-disruptive installation can be implemented in any environment.	Every generated change is almost immediately replicated to a journal and recovery checkpoints are created automatically every few seconds. This allows you to rewind and recover files, VMs, applications, and even entire sites to how they were seconds ago with unmatched granularity.	Protect and recover entire application stacks with guaranteed consistency through Virtual Protection Groups. Consistency is maintained across multiple virtual machines (VMs) no matter where they are running in your infrastructure.

How Does it Work

Continuous Data Protection is the foundation of Zerto's IT Resilience Platform offering "always on" replication without impact to performance. Gain the ability to recover applications consistently anywhere from seconds to years ago by utilizing the Elastic Journal.

Zerto utilizes a scale-out architecture ensuring enterprise class protection of your environment no matter the size. Virtual Replication Appliances (VRA), with built-in WAN optimization and Quality-of-Service, replicate every change that is being generated in real time. The Zerto Virtual Manager (ZVM) integrates with the hypervisor management platform of choice. ZVM's intuitive and easy to use interface orchestrates the operations initiated by users with simplicity. In public clouds, the Zerto Cloud Appliance combines the ZVM and VRA and integrates natively, using cost-efficient storage offerings, APIs, and cloud scaling features.
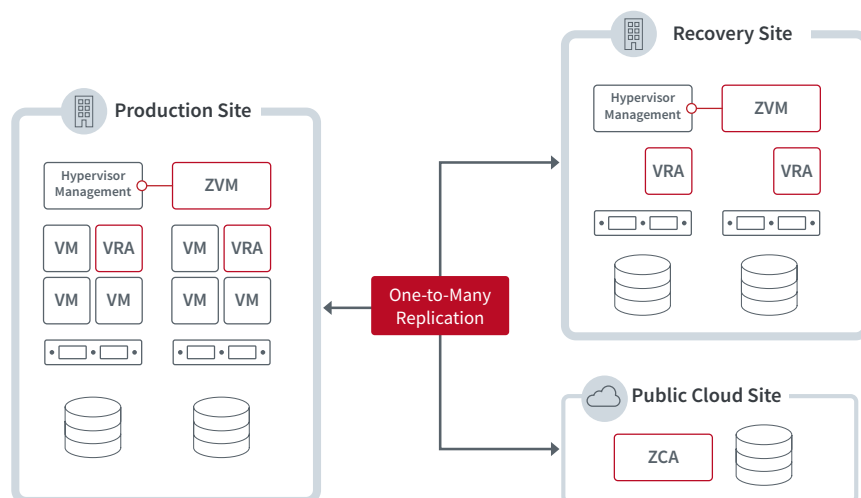
Key Capabilities

Recovery Point Objectives (RPOs) and Granularity in Seconds – Continuous data replication protects every change in near-real time to ensure RPOs are measured in seconds. On top of replication, Zerto uses journal-based recovery to restore data at a granularity of seconds to mitigate data loss in any scenario.

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.

Application Consistency Grouping – Protect applications regardless of underlying infrastructure. Consistency is guaranteed across multiple virtual machines allowing you to protect and recover entire application stacks in addition to individual VMs as needed.

Simplify Your Data Protection – A single, simple and scalable platform solves all your data protection needs. Replace multiple tools to reduce cost and complexity.

Orchestration and Automation – Remove the complexity of manual processes with Runbook automation. Applications will recover using pre-defined recovery settings, which include boot order, network configuration, and optional re-IP if needed.

Continuous Stream of Recovery points – The Elastic Journal combines the granular journal technology with long-term repositories, providing a continuous stream of recovery points. Search and recover across data, files, or VMs from any point in time going back seconds, hours, months, or years.

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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**

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