

Zerto IT Resilience Platform™ for VMware vSphere Virtual Volumes (vVols)

Data Protection for the Software-Defined Data Center

Zerto IT Resilience Platform™: Simple, Effective, and Virtual-Ready

“With Zerto, it is virtual aware, so we can use all the features of VMware and we do not disrupt our BC/DR processes at all. We have realized a higher return on our VMware investment with Zerto and the simple migration maximizes the investment in our new infrastructure.”

John Crook
Head of IT Services Hackney Learning Trust

Zerto converges disaster recovery (DR), backup, and cloud mobility solutions into a single, scalable IT Resilience Platform™ addressing the needs of VMware vSphere users. This allows you to replace multiple legacy solutions with a unified platform that delivers a continuous, always-on customer experience. Simplified workload mobility protects, recovers, and moves applications freely across hybrid and multi-cloud environments. With a simple, software-only solution, Zerto is virtual-ready for vSphere users to eliminate downtime and protect themselves from data loss. Simplify IT and reduce costs with one platform versus multiple tools typically needed for managing data protection in a virtual environment.

Zerto

Converged DR, Backup, and Cloud Mobility

Continuous, simple, and powerful with no impact or downtime

Zerto’s continuous data protection (CDP) offers the most effective protection for your business applications and data. Zerto automatically tracks and captures modifications, saving every version of your data locally or to a target repository, short and long-term.

Zerto’s CDP and innovative journaling technology removes the need for snapshots and thus eliminates production impact and lengthy backup windows. Its incredible recovery granularity reduces data loss to just seconds. Whether you’re dealing with ransomware, accidental deletions, natural disasters, or meeting compliance and regulatory standards, Zerto converges it all within one platform enabling recovery of files, VMs, applications, or entire sites.

Today’s applications are rarely run on a single VM, but instead most applications have multiple VM dependencies. Traditional backup methods, such as incremental snapshots, individually result in significant challenges to recovering complete applications quickly and consistently. Zerto resolves this by using Virtual Protection Groups (VPG).

VPGs allow you to protect multiple VMs together in a consistent fashion, ensuring every point in time that is inserted into the Zerto Journal is from the same checkpoint for all VMs within the VPG. This allows consistent recovery of an entire application, and all its VM dependencies, to a consistent point in time whether from seconds or years ago.

Storage Flexibility with vVols

Zerto’s expanded strategic partnership with VMware ensures the best integration and seamless experience for VMware users on Zerto. Zerto delivers further integration with VMware vSphere through the vVols framework.

VMware vSphere

VMware vSphere is the efficient and secure platform for hybrid clouds, fueling digital transformation by delivering simple and efficient management at scale, comprehensive built-in security, a universal application platform, and seamless hybrid cloud experience.

VMware vSphere Virtual Volumes (vVols)

vVols is an integration and management framework that virtualizes SAN/NAS arrays, enabling a more efficient operational model that is optimized for virtualized environments and centered on the application instead of the infrastructure.

Zerto IT Resilience Platform™

Converging disaster recovery, backup, and cloud mobility for VMware vSphere workloads within a single, scalable platform that delivers a continuous, always-on experience.

vmware®

KEY CAPABILITIES

Granular Recovery in Seconds

Continuous data replication protects every change in near-real time to ensure RPOs of seconds

Journal-based Recovery

Zerto uses journal-based recovery to restore data at a granularity of seconds to mitigate any data loss.

Full Application Stack Protection

Protect and recover entire application stacks with guaranteed consistency.

Hybrid and Multi-Cloud

Protect and migrate workloads to, from, and between clouds without production impact.

Cloud Mobility

Create seamless recovery, consolidation, and cloud migration experiences.

Complete Visibility

Gain unparalleled insights across clouds or disparate infrastructures to make data-driven decisions.

See our solutions in the VMware solution exchange (VSX)

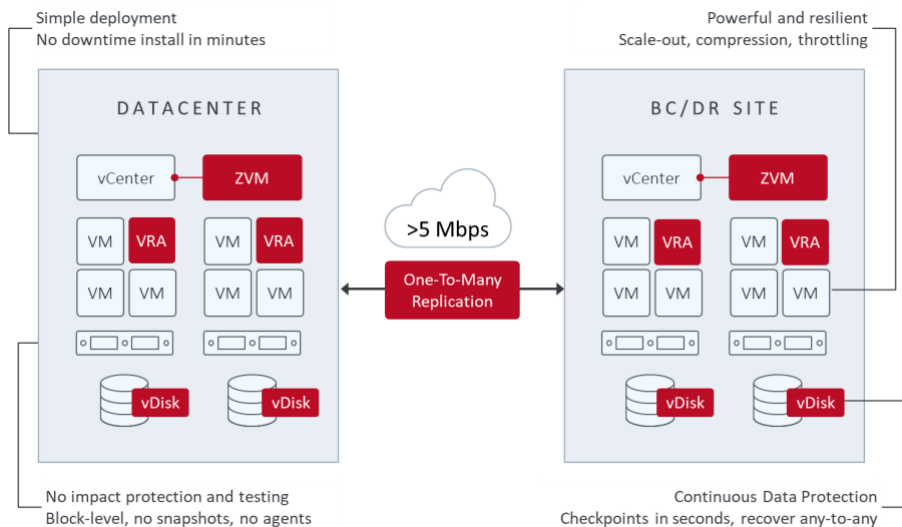
marketplace.vmware.com/vsx/

Support for vVols

VMware and Zerto customers require a more flexible way of consuming resources. By using vSphere vVols customers can provide finer control at the VM-level, streamline storage operations, and offer flexibility of choice.

With Zerto you can safely protect and recover VMs across your entire VMware software-defined data center. Design and implement a highly flexible and resilient infrastructure with Zerto's best-in-class data protection with the following key capabilities:

- Easily deploy Zerto in minutes
- Data protection without impact to production workloads
- Continuous data protection: checkpoints in seconds; recover any-to-any
- Simply test DR readiness and prove recoverability with detailed test reports



To learn more about how Zerto works with VMware vSphere to converge disaster recovery, backup, and cloud mobility into a single, simple, scalable platform, download a free trial at zerto.com/page/zerto-free-trial, try a hands-on lab at zerto.com/page/labs, or contact your Zerto representative.