

# Scality & Zerto

## Eliminate data loss and ransomware threats with enterprise-grade disaster recovery

Ransomware is a type of malicious software designed to infect your infrastructure and encrypt your data until a sum of money is paid. The threat from ransomware is a major, ubiquitous concern. Attacks are increasing in frequency, scope, and sophistication. Research indicates ransomware attacks occur every 11 seconds and are expected to strike businesses every two seconds by 2031. An average ransom costs \$250,000 USD and 23 days of downtime. Worldwide damages will cost over \$25B in 2022 alone and are predicted to reach \$265B by 2031.

To defend against ransomware—and successfully rebound from inevitable attacks—it is imperative for organizations to implement a continuous data protection plan that allows immediate and fast disaster recovery.

## Scality + Zerto for Ransomware Protection

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 is a continuous data protection (CDP) solution. Unlike traditional backup, where recovery points are scheduled on an hourly/daily/monthly basis, CDP maintains a continuous journal of data modifications, which makes it possible to restore a system to any previous point in time. Zerto achieves near-zero RPO—typically lower than 10 seconds even at scale.

Scality, HPE's strategic partner for object storage, unifies data management no matter where data lives—from edge to core to cloud. Scality products provide tamper-proof storage with unlimited scale, 14×9s of durability, 100% availability, and low TCO.

Together, Scality and Zerto support data immutability through the Amazon S3 Object Lock capability, which prevents data from being deleted or overwritten, thereby thwarting ransomware attacks. The combined offering delivers fast recovery times that mitigate disruption from ransomware as well as natural disasters, hardware failures, and other planned or unplanned outages.

## KEY BENEFITS

### Continuous Data Protection

Zerto delivers RPOs of seconds by replicating every change that is generated in near real-time. Near-synchronous replication performed at the hypervisor level has no impact on production, delivering granular recovery checkpoints, seconds apart. Zerto can be combined with Scality's multi-site, distributed storage to achieve continuous data availability under all conditions.

### Flexible Capacity & Deployment Options

Scality and Zerto are 100% software-defined and support a wide range of hardware including HDD and all-flash storage. Additionally, with full support for VMware, the Scality and Zerto solution can be installed in minutes in a virtualized infrastructure.

Scality's entry point can start as low as 50 TB on a single machine and scale to hundreds of petabytes while supporting single-site, two-site, and three-site architectures that protect against the loss of a disk, a server, or even an entire data center.

### Configurable Ransomware Protection

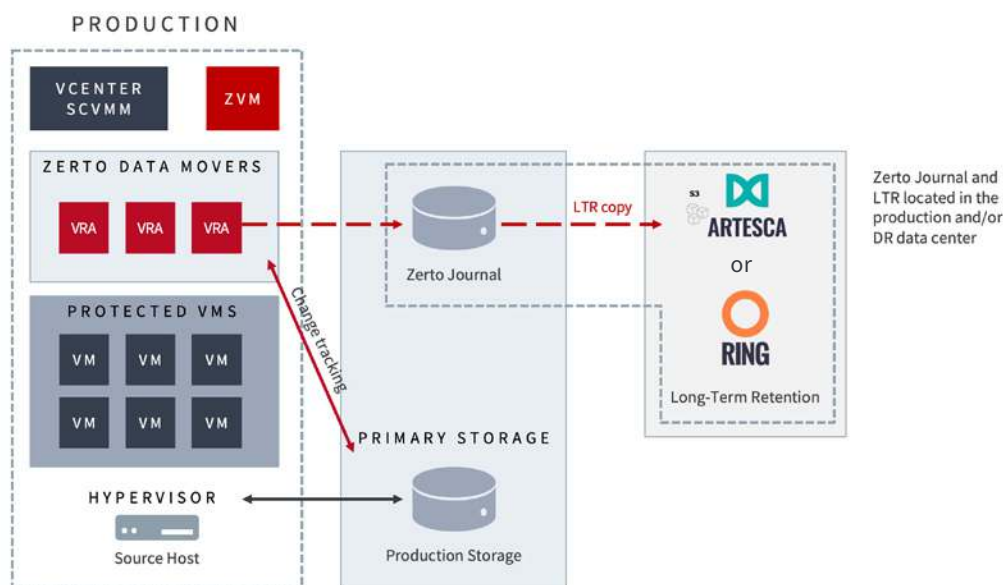
By supporting Amazon S3 Object Lock, Scality allows administrators to configure locks on object data for specific retention periods.

Once set, these object locks prevent anyone — including internal users and admins — from modifying or deleting data until the retention period expires. This may be a period of months or years, as desired by the business or external regulatory requirements.

### Ease of Use

Configuring ransomware protection can be done in just a few clicks with Scality. The Zerto user interface allows easy connection to Scality, and the Zerto & Scality user interfaces allow data immutability to be enabled via a checkbox.

## Scality + Zerto = Fast RPO/RTO with industry-leading data durability and 100% availability



### About Scality

Scality® storage propels companies to unify data management no matter where data lives — from edge to core to cloud. Our market-leading file and object storage software protects data on-premises and in hybrid and multi-cloud environments. With RING and ARTESCA, Scality’s approach to managing data across the enterprise accelerates business insight for sound decision-making and maximum return on investment. To compete in a data-driven economy, IT leaders and application developers trust Scality to build sustainable, adaptable solutions. Scality is recognized as a leader by Gartner and IDC.

### 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)