

# HPE Zerto Software

**HPE Zerto Software Enterprise Cloud Ed to Advanced Resilience Ed Upg  
1 VM Expansion 33mo Sub E-LTU (S7R42AAE)**



## What's new

- Quickly recover entire sites, on-premises or in the cloud, in minutes without disrupting business. Organizations trust HPE Zerto for reliable protection against disruptions across all industries.
- HPE Zerto Software for AWS & Azure now simplifies enterprise-scale management, supporting thousands of VMs for protection in, to, or from public cloud infrastructure.
- HPE Zerto In-Cloud Software for AWS provides disaster recovery for AWS across regions and availability zones. Protection and recovery can easily scale to a thousand+ AWS EC2

## Overview

Are you looking to reduce downtime, improve disaster and ransomware recovery, deliver availability of data, or migrate workloads with ease? HPE Zerto Software provides disaster recovery, cyber resilience and workload mobility software for virtualized and cloud environments. HPE Zerto Software is designed to deliver continuous data protection and replication, ensuring that businesses can quickly recover with downtime to minutes and data loss to seconds. HPE Zerto is built to support a wide range of IT environments, including VMware®, Hyper-V®, and public clouds such as AWS® and Microsoft Azure®. The platform offers a unified, scalable solution that simplifies the complexities of data protection, allowing organizations to protect and recover applications and data across different infrastructures seamlessly.

instances.

- HPE Zerto Software enhances disaster recovery with real-time encryption detection, identifying ransomware attacks in seconds, and offers immutable journal copies stored securely away from attackers.
- HPE Zerto enables seamless workload migration to new infrastructure, public cloud, or service providers, simplifying datacenter consolidation and facilitating movement to, from, and between clouds.

## Features

### Continuous Data Protection

HPE Zerto near-synchronous replication keeps data protected in real-time, providing recovery points measured in seconds, nearly eliminating data loss. The HPE Zerto recovery journal retains thousands of recovery points for up to 30 days providing granular, flexible recovery.

HPE Zerto simplifies application recovery and site recovery using virtual protection groups to synchronize replication and recovery across multiple VMs, creating consistent recovery checkpoints across entire sets of VMs comprising complex applications or entire sites.

HPE Zerto automates and orchestrates recovery to nearly eliminate downtime and data loss. Whether protecting dozens or thousands of VMs, HPE Zerto delivers recovery times measured in minutes and recovery points measured in seconds.

HPE Zerto is integrated with major cloud providers which enables businesses to leverage cloud resources for disaster recovery, backup, and migration, providing cost-effective and scalable solutions.

HPE Zerto provides comprehensive analytics and reporting tools, giving organizations insights into their data protection status, recovery performance, and compliance with regulatory requirements.

### Multi Cloud Mobility

Protect and migrate workloads across multiple platforms both on-premises and cloud with seamless automated conversions of VMs across hypervisors and infrastructure as a service (IaaS) platforms.

Remove barriers and headaches in migration projects with near-zero downtime. Migrate applications and data in real-time without impact to production and relocate workloads within hybrid-cloud and multi-cloud architectures with confidence from non-disruptive testing.

Avoid vendor lock-in with full workload mobility to, from, or within on-premises or cloud platforms to simplify complex IT architectures

VM conversions across platforms are performed automatically between all supported platforms for seamless migration and protection. Protect, recover, and migrate large groups of VMs simply and quickly.

### Ransomware Resilience

Detect ransomware attacks within seconds with HPE Zerto real-time encryption detection that alerts of anomalous encryption activity and tags recovery points to aid recovery to a point seconds before encryption began.

Create immutable copies of the journal that cannot be altered by ransomware attackers to prevent recovery.

Utilize network isolation for recovery to validate and remediate recovered data after a ransomware attack before recovering back into production.

Organizations can conduct disaster recovery testing without impacting production environments, ensuring that recovery plans are effective and up to date.

## **Enterprise Management**

HPE Zerto provides highly automated workflows to protect, recover, and test protection for hundreds or thousands of VMs. Virtual protection groups are used to orchestrate large numbers of VMs so that processes like testing and recovery can be done quickly and confidently with only a few clicks.

HPE Zerto orchestration features allow for logical grouping of VMs into protection groups to be recovered individually or as a whole group, speeding the recovery process and ensuring data integrity across all VMs in a protection group for each recovery checkpoint.

HPE Zerto analytics provides cloud-based data analysis in a global view across all HPE Zerto sites. The data and analytics provide insights into protection health, recovery status, all in a single view.

HPE Zerto ensures that entire applications, not just individual VMs, are protected consistently, allowing for seamless recovery of complex, multi-VM applications. Scale with the needs of the business, supporting small to enterprise-level environments across on-premises and cloud.

HPE Zerto is designed to scale with the needs of the business, supporting small to enterprise-level environments. Its flexibility allows for protection of workloads across on-premises, hybrid, and multi-cloud environments.

[For additional technical information, available models and options, please reference the QuickSpecs](#)

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[PSN1014952504NZEN](#), June, 2026.

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