



Zerto and Google Cloud VMware Engine

Expand your hybrid cloud options with Google Cloud VMware Engine

Seamlessly and easily migrate VMware workloads to Google Cloud VMware Engine without changing your applications and take Disaster Recovery (DR) to the cloud. Continue to run your workloads natively in [VMware's Cloud Provider Stack](#) while leveraging the same tools and processes as you use on-premises today. Save time that can be used to develop next-gen hybrid apps and services while reducing the operational burden on IT.

Google Cloud VMware Engine runs on an isolated and dedicated all-flash, hyperconverged bare metal stack that can host your most demanding applications. In this dedicated environment, you have high-speed, low-latency access to Google Cloud's public services and its computing power.

Google Cloud VMware Engine addresses complex VMs that ordinarily would not be suitable for public cloud, unlocking the full potential of Google Cloud's capacity and scale. vSphere is the most common source platform for VMs, and Zerto replicates and moves VMware-based applications and data workloads to, from, and between on-premises environments and Google Cloud VMware Engine.

Platform Capabilities

Zerto's platform is designed for hybrid and multi-cloud with the ability to replicate and failover between Google Cloud VMware Engine and any other Hyper-V or VMware-based platform. Zerto provides a fast and easy way to leverage the value of the Google Cloud VMware Engine. Configuration and use with Google Cloud VMware Engine are nearly identical to a user's on-premises VMware environment.

- **Continuous Data Protection:** Built on a foundation of continuous data protection (CDP) with always-on replication and journal-based recovery, Zerto helps you rewind and recover your workloads.
- **Application Consistency:** Consistency groupings allow for DR replication, migration, and recovery of all VMs associated with an application to or from Google Cloud VMware Engine after an application failure, site-wide outage, or planned migration. VMs are restored as a consistent "digital twin" of production VMs in Google Cloud.
- **Orchestration & Automation:** Remove complex, manual processes with runbook automation. Applications will recover using pre-defined settings, which include boot order, network configuration, and optional re-IP.
- **Hybrid-Cloud Visibility:** Zerto Analytics with out of the box dashboards and reports provides complete visibility across multi-site, multi-cloud environments to ensure SLAs of the business are met. Integrated resource planning capabilities allow you to accurately plan for future storage, compute and network resources.

HIGHLIGHTS

Zerto leads the industry in disaster recovery, data protection and cloud mobility.

Ease of Use

Be installed and replicating in under 2 hours. No professional services, no resource overheads, simple

Best Performance

Zerto delivers industry-best RPOs of seconds and RTOs of minutes

No Production Impact

No agents, no snapshots, no guest VM impact. Test recovery anytime without production impact in 3 clicks

Complete Visibility

Complete view of current and historical platform performance included, enabling proactive management of your infrastructure

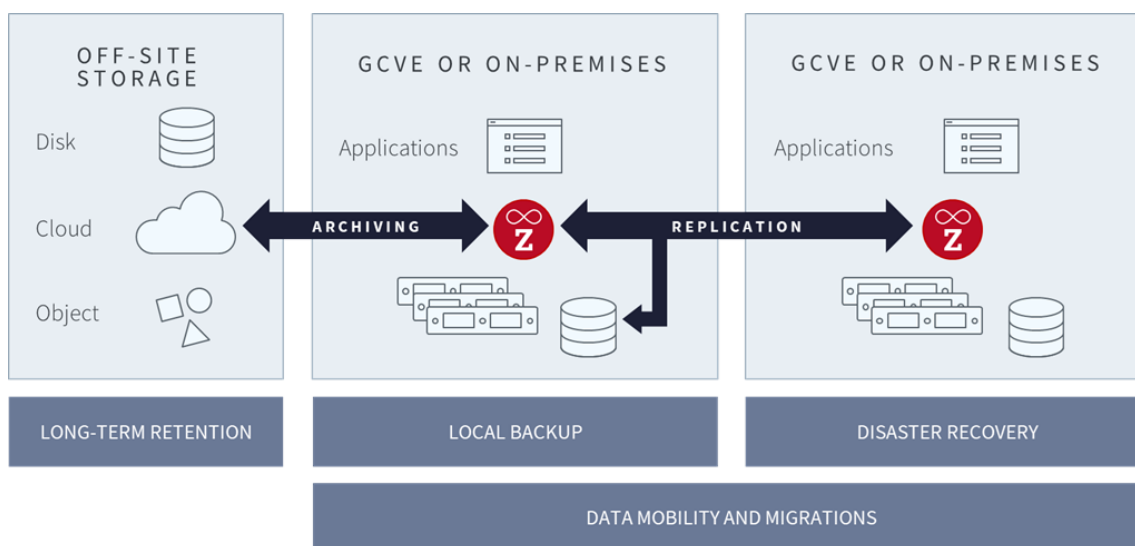
Multi-Cloud Enabled

Multi-cloud capability with replication to, from, and between Google Cloud VMware Engine sites.

Use Cases

- 1. Disaster Recovery to the cloud** – protect and recover an entire VMware-based data center into Google Cloud VMware Engine, with no modifications to the VMs or management tools. Replicate workloads running in Google Cloud VMware Engine to another GCVE site for intra-cloud DR.
- 2. Migrating to Google Cloud** – replicate, test, then migrate VMware-based application groups to GCVE, without the need to retrain VMware experts on Google Cloud.
- 3. Complex VMware-based Applications** – Make Google Cloud VMware Engine a DR target or migrate applications that are not suitable for the public cloud or require the higher performance of dedicated hardware.

How It Works



Zerto’s software-only platform 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.

Learn more at zerto.com/modernize/google

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