

Zerto on Google Cloud VMware Engine

Expand your hybrid cloud options with Google Cloud VMware Engine (GCVE)

Seamlessly and easily migrate VMware workloads to Google Cloud VMware Engine without changing your applications and leverage it as disaster recovery (DR) to the cloud. Continue to run your VMware workloads with familiar tools and processes that 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.

Why Zerto on Google Cloud VMware Engine

Zerto is designed for hybrid and multi-cloud with the ability to replicate, failover, and migrate between an on-premises VMware environment and Google Cloud VMware Engine. 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.

HIGHLIGHTS

Zerto leads the industry in disaster recovery, ransomware resilience and multi-cloud mobility.

Ease of Use

Seamlessly transition VMware workloads from on-premises to the GCVE

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 with a few simple clicks

Complete Visibility

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

Multi-Cloud Enabled

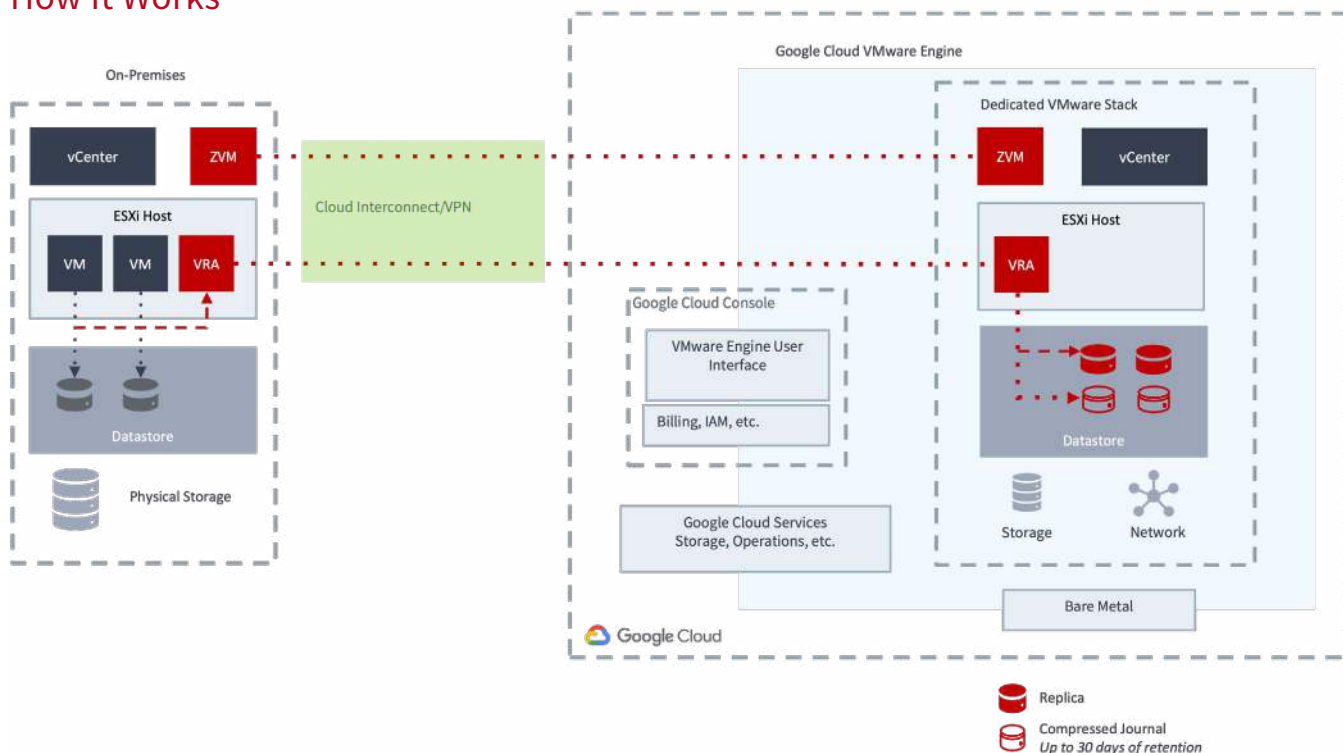
Multi-cloud capability with replication to, from, and between Google Cloud VMware Engine sites.

- **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 single point in time of production VMs in Google Cloud VMware Engine.
- **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 multisite, 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.

Use Cases

1. **Disaster Recovery to the Cloud**—Protect and recover an entire VMware-based data center into Google Cloud VMware Engine. Replicate workloads running in Google Cloud VMware Engine to another Google Cloud VMware Engine site for intra-cloud DR.
2. **Migrating to Google Cloud**—Replicate, test, then migrate VMware-based application groups to Google Cloud VMware Engine, 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



Built for enterprise scale, Zerto's simple, software-only solution uses CDP to eliminate the risks and complexity of modernization and cloud adoption that include:

- A turnkey, scale-out virtual appliance featuring microservices for real-time encryption detection, security and authentication, logging, APIs, and management.
- 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.
- Built-in orchestration and automation to provide replicating or migrating to Google Cloud VMware Engine with simplicity, enterprise scale, and agile data protection that saves time, resources, and costs.
- Intelligent analytics—including dashboards, recovery reports, and predictive resource planning capabilities—provide complete visibility across multisite and multi-cloud environments, giving organizations confidence that business service levels and compliance needs are met now and in the future.

Ready to deploy Zerto on Google Cloud VMware?

[Get Started](#)

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 eliminates the risk 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 solve for ransomware resilience, disaster recovery, and multi-cloud mobility. Zerto is trusted by over 9,500 customers globally and is powering offerings for Amazon, Google, IBM, Microsoft, and Oracle and more than 350 managed service providers.. www.zerto.com

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