Google Cloud

Data protection made simple on Google Cloud VMware Engine with our trusted partners

Protect virtualized applications and data from disruptions with comprehensive backup, recovery, and storage solutions in Google Cloud

In the past, building and maintaining disaster recovery and backup sites has been a costly and time consuming process. While the majority of sites are still tied to data centers, businesses are increasingly looking to move them to the cloud. However, they lack the technology to do so easily without making significant changes to their disaster recovery and backup operations.

Today, with the Google Cloud VMware Engine, you can easily move your data protection operations to the cloud with no changes required. Simply migrate your VMware-based disaster recovery and backup workloads to Google Cloud to reduce management and storage costs, while using the same tools, processes, and policies that you use on-premises. Furthermore, you can enhance availability by locating your data protection targets in different zones in Google Cloud.

Our trusted disaster recovery, backup and storage partners support VMware Engine providing services for data protection that help lower costs while increasing availability.

About Google Cloud VMware Engine

Google Cloud VMware Engine enables you to seamlessly migrate VMware workloads to Google Cloud while lowering costs and freeing the business to innovate. Running VMware workloads natively in a dedicated, private cloud means you can use the same tools, processes, and policies you used on-premises, making the transition fast and simple. For data protection, this means you don't have to make any changes to your applications or switch to cloud-compatible applications. You simply migrate your virtual machine hosted applications directly to Google Cloud and run them the same way, which saves you time and resources.

What if you could:

- Ensure high levels of availability, resiliency, and security of your services with backup and disaster recovery sites based in different Google Cloud regions;
- Eliminate silos with flexible backup and recovery options from a centralized platform;
- Ensure data, infrastructure, application, and business recoverability – be it from backup or archive or replication – for effective disaster response from any location;
- Reduce cluster, storage, and data transfer costs in the cloud; and
- Enjoy seamless integration with a range of other VMware-compatible tools.

All of this is possible with a comprehensive cloud-based backup and disaster recovery solution.

VMware Engine not only eliminates the need for enterprises with on-premises databases to re-architect for the cloud, it also makes the cloud an attractive destination for backup and disaster recovery applications. In your own dedicated and private cloud, you can run VMware workloads natively, leveraging all VMware tools.

VMware Engine offers privilege elevation, which allows you to install and manage third party applications which require administrative access to vCenter. Your business can respond faster to disasters by using cloud orchestration and automation tools to automate the in-cloud recovery process.

With the flexibility afforded by VMware Engine, backup and disaster recovery sites can be established in a region remote from your main data center, and to enhance availability, data can be further replicated across multiple Google Cloud regions.

Additionally, the total cost of ownership can be drastically reduced using inexpensive cloud storage instead of setting up secondary storage repositories. What also makes cloud-based disaster recovery economically attractive is that it doesn't require significant upfront capital investment.

Does this sound compelling?

Let us introduce you to our key partners – Zerto, Dell, Veeam, Cohesity and NetApp – who have certified disaster recovery, backup and storage solutions that work seamlessly with VMware Engine.

Zerto converges disaster recovery, data protection and cloud mobility into one simple, scalable IT Resilience Platform. Leverage Zerto to easily migrate and protect your native VMware workloads on Google Cloud without losing your VMware policies and configurations. With the industry's best RTOs and RPOs, Zerto delivers 24/7 availability to your organization via Continuous Data Protection. Save resources and time with orchestration and automation and maintain complete visibility of your hybrid and multi-cloud environments.

www.zerto.com/modernize/google/

Dell Technologies Data Protection and trusted VMware partnership; is the global leader in both backup and software solutions; consumable across all cloud processing models and on-premise deployments. Customers can be confident leveraging Dell Technologies solutions in Google Cloud VMware Engine. Easy to deploy, centralized management, client-side data deduplication, optimized replication for disaster recovery of Google Cloud VMware Engine data is why thousands of customers globally choose Dell Technologies Data Protection for their VMware data protection needs.

https://www.delltechnologies.com/en-us/data-protection/index.htm

Veeam® Availability Suite™ is powered by Veeam Backup & Replication™, which delivers powerful and reliable data protection capabilities that scale effectively for cloud, virtual and physical workloads for all major platforms and enterprise applications – including Google Cloud VMware Engine. Customers can now deploy the same proven solutions simply, efficiently and seamlessly – on-premises or in Google Cloud. Customers can move VMware-based workloads to VMware Engine without any modifications, replicate VMware VMs as part of a DR strategy, and back up VMware VMs to maintain comprehensive DR strategy no matter where data resides.

Learn more at www.veeam.com.

Cohesity and Google Cloud VMware Engine delivers a joint solution that provides a consistent backup and data management experience for hybrid cloud. Cohesity consolidates infrastructure silos into a single platform that's managed with a single UI. Cohesity protects VMs and data on Google Cloud using Google Cloud VMware Engine, and can migrate VMs from on-premises. Cohesity eliminates point solutions and makes it easy to use Google Cloud for backup, disaster recovery, and long-term retention.

Learn more at www.cohesity.com.

NetApp Cloud Volumes is a fully-managed cloud-native enterprise class storage service integrated in Google Cloud, delivering seamless experiences with billing and support from Google. The service allows Google Cloud VMware Engine customers to deploy mission-critical and high-performance applications in a VMware private cloud environment with the data management features customers require. The service delivers high throughput with low latency and robust data-protection capabilities including snapshots and copies.

Learn more at www.cloud.netapp.com/googlecloud