NetApp | **Google Cloud**

NetApp Solutions for Google Cloud VMware Engine

The challenge

Not all cloud journeys promise a smooth ride or a peaceful destination. A prime example: scaling storage-rich VMware workloads in the cloud. Costly, complex, and time-consuming—so much for the "promise of the cloud." Attaining consistent operations management for the virtualized hybrid environment is the stuff of enterprise-level dreams—as in, "Wouldn't it be nice if there were an uncomplicated way to use the cloud likewe do on premises?"

The opportunity

NetApp and Google Cloud teamed up so you can move VMware workloads to the cloud without breaking a sweat or blowing your budget. Using Google Cloud NetApp Volumes datastore support for Google Cloud VMware Engine, you can scale storage and compute independently; easily migrate VM-based apps; streamline operations without affecting node resources; and get data protection and security to safeguard mission-critical data.

Use cases

Modernizing VMware estate, backup, disaster recovery, compliance, app development and testing, custom applications, virtual desktop infrastructure (VDI), analytics, and warehousing.

Google Cloud NetApp Volumes datastore support for Google Cloud VMware Engine offers the following benefits:

1 Significantly reduce your TCO and improve your compute-to-storage density by scaling storage independently of compute.

2 Achieve consistent storage performance. Even if a Google Cloud VMware Engine compute node fails, data doesn't have to be rebalanced and replicated.

3 Pay only for the storage and nodes that you use. The volume reshaping and dynamic service-level capability of Google Cloud NetApp Volumes optimizes costs by sizing for steady-state workloads—preventing expensive overprovisioning.

4 Optimize how you add and scale storage with the storage efficiencies and instance-type modification capabilities of Google Cloud NetApp Volumes.

5 Protect your data with efficient NetApp Snapshot™ copies and clones that allow you to rapidly create copies without any performance impact. If ransomware strikes, you can quickly recover data using those copies.

6 Gain full control of your data with Google Cloud NetApp Volumes datastore support for Google Cloud VMware Engine. It's fully supported by Google Cloud and certified by VMware.

Additional resources

🔗 Google Cloud data management solutions from NetApp

🔗 Google Cloud VMware Engine with Google Cloud NetApp Volumes

🔗 Schedule a VMware strategy session

🔗 Google Cloud NetApp Volumes

About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services, and applications to the right people—anytime, anywhere.

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