Google Cloud   **⬛ NetApp**

Top 5 reasons to use Google Cloud NetApp Volumes

01 **Migrate and deploy** critical business applications, as is, to Google Cloud without rearchitecting.

02 **Leverage familiar enterprise** storage services with seamless Google Cloud integration.

03 **Simplify, automate, and manage** storage processes using Google Cloud console, gcloud, Terraform, or APIs.

04 **Gain flexible billing options** and leverage Google Cloud committed use discounts (CUD).

05 **Count on robust data protection** and recovery with NetApp® Snapshot™ technology, integrated backup, and multiregion data protection.

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The challenge

While companies across all industries are using the cloud to grow and innovate, many traditional enterprise applications are still running on premises. To take advantage of the many benefits of the cloud, organizations are forced to modernize applications, acquire new knowledge, and update policies. This approach makes their cloud journey slow, expensive, and complex.

The opportunity

With Google Cloud NetApp Volumes, you can now run critical traditional and cloud-native applications in Google Cloud without redesigning your code, your processes, or your teams. Easily mount file and block workloads on Google Compute Engine virtual machines and Google Cloud VMware Engine to reference the same shared data. Harness cloud advantages faster and at lower cost. And get peace of mind knowing that your data is always available and secure.
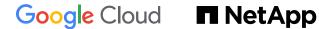
Key features

- **Fully managed service** integrated with the Google Cloud console
- **Volume provisioning** from 1GiB to 3PiB in seconds
- **Multiprotocol support** for Windows and Linux with SMB 2.1, 3.0, 3.1.1 and NFSv3, NFSv4.1, NFSv4.2, and iSCSI protocols
- **Google Cloud Vertex AI** integration to efficiently access data for AI-driven applications
- **Instant, automated Snapshot copies** for efficient, effective data protection
- **Integrated backup** provides a fully managed solution for long-term recovery, archive, and compliance with option for cross region and immutable backups
- **Auto-tiering** for cost optimization of infrequently accessed data
- **High performance** with up to 30GiB/s for demanding workloads
- **Flex regional service** for business continuity across zonal failures within a region
- **Asynchronous volume replication** for business continuity
- **External replication** supports seamless disaster recovery to cloud and no-downtime migrations from on-premises
- **High availability** with options for multizone and multiregion redundancy
- **Rapid cloning** accelerates application development
- **Independent scaling** of capacity and performance eliminates costs due to overprovisioning

> **"** We always want things better, faster, cheaper. Normally, we don't land all three, but with Google Cloud NetApp Volumes, we were able to. ...our recovery times are cut in about half, SQL backups and restore are four times faster. Our dev refresh went from a week to a weekend..."
>
> Matt Bruno, Associate Director of Engineering at Wayfair

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Where power meets simplicity

Quickly migrate applications and run enterprise apps and file and block services in the cloud	• Save time and lower risks and costs by eliminating the need to refactor code or redesign processes • Automate provisioning and management of data services by using Google Cloud console, gcloud, Terraform, and APIs
Maintain business continuity and keep data secure	• Protect, repurpose, and easily manage data through Snapshot copies, instant volume cloning, and integrated backup • Manage access to sensitive data with secure, granular role-based access control and audit logs • Instantly restore data from in-place, near zero-footprint Snapshot copies or use remote backup copies in the event of unplanned data loss, ransomware, or data corruption
Dramatically reduce public cloud storage spending	• Consumption on-demand: scale storage and performance up and down, independently • Google Cloud pricing model: variable pay for usage • Automatically move infrequently accessed data to less expensive storage tiers

Simplify your cloud journey with Google Cloud NetApp Volumes
Discover more ways that Google Cloud NetApp Volumes makes it easier to migrate and run your business-critical enterprise applications.

Learn more.

Google Cloud data management solutions from NetApp

Google Cloud NetApp Volumes

NetApp on Google Cloud