Google Cloud
NetApp Volumes

A fully managed, high-performance file and block storage service for demanding enterprise applications and workloads

What do you get when you combine the power of Google Cloud's availability, security, and innovation with NetApp's industry-leading storage management technology and award-winning NetApp® ONTAP® data management software? Google Cloud NetApp Volumes is a fully managed storage service that simplifies how you migrate and run your most demanding enterprise workloads in the cloud—faster, smarter, and at less cost than ever before.

Get secure enterprise-grade storage with SMB, NFS, iSCSI, and multiprotocol support for file sharing, business applications, and disaster recovery

Get local, capacity optimized protection with instant NetApp Snapshot™ copies, integrated backup, and the ability to instantly change performance tiers

Quickly and cost-effectively migrate from on-premises with no storage downtime powered by NetApp SnapMirror

Maintain business continuity with intelligent data protection including scheduled Snapshot copies, instant volume cloning, and multiregion data replication

Leverage AI-ready storage by utilizing data stored in Google Cloud NetApp Volumes directly in the Google Cloud Vertex AI platform

Cloud agility united with high-performance data storage

- Simplify Windows and Linux file storage

- Eliminate overprovisioning with independent scaling of capacity and performance

- Protect enterprise application data on Google Cloud

- Scale storage independently of compute and optimize storage for Google Cloud VMware Engine workloads

- Support remote workers

Flexibility matters

When it comes to running enterprise applications in the cloud, you need the power and flexibility to run either Windows or Linux applications as virtual machines on Google Compute Engine and Google Cloud VMware Engine. Enable your teams to migrate applications as is without needing to refactor while also unlocking new opportunities with modern cloud-native architectures. Scale volumes from 1GiB to 3PiB and share data between traditional and containerized applications to leverage your data without waste. Optimize cloud storage costs with auto-tiering by moving infrequently used data from high performance hot tiers to lower cost cold tier storage.

Manage performance and storage spending on demand

Service level	Throughput/TiB	Volume size	Workload types
Flex	5GiBps*	1GiB to 200TiB	File shares, block storage, VMs, dev and test
Standard	1.6GiBps	100GiB to 100TiB	File shares, VMs, dev and test
Premium	30GiB/s	100GiB to 3PiB	File shares, VMs, databases
Extreme	30GiB/s	100GiB to 3PiB	OLTP high-performance databases, low-latency applications

*Flex supports independent throughput scaling. A single volume can use the entire storage pool throughput regardless of the volume size

Build cyber resilience

Cyber resilience and cybersecurity are crucial to reducing downtime and providing business continuity. We've got you covered with robust, cost-efficient protective features and high reliability.

- Schedule point-in-time versions of your data to enable fast user-initiated file restores and protect against ransomware attacks
- Use fully managed integrated backup to store copies of your volumes to a backup vault in any region
- Deploy highly available volumes and protect them with multizone and multiregion volume replication
- Improve compliance, privacy, and security with multiple layers of encryption, including customer-managed encryption keys

Simplify your cloud journey with Google Cloud NetApp Volumes

Google Cloud NetApp Volumes makes it easier, safer, and more cost efficient to migrate and run your enterprise applications and workloads in Google Cloud.

Need help getting started? Contact sales.

Google Cloud

About Google Cloud

Google Cloud is the new way to the cloud, providing AI, infrastructure, developer, data, security, and collaboration tools built for today and tomorrow. Google Cloud offers a powerful, fully integrated and optimized AI stack with its own planet-scale infrastructure, custom-built chips, generative AI models and development platform, as well as AI-powered applications, to help organizations transform. Customers in more than 200 countries and territories turn to Google Cloud as their trusted technology partner.

∏ NetApp

About NetApp

NetApp is the intelligent data infrastructure company, combining unified data storage, integrated data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility.