



Google Cloud NetApp Volumes


A fully managed, high-performance file 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? Introducing Google Cloud NetApp Volumes, a fully managed file 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.

 **Seamlessly lift and optimize** demanding Windows applications and enterprise-NFS workloads without refactoring

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

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

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

Cloud agility united with high-performance data storage

- Simplify Windows and Linux file storage
- Protect enterprise application data on Google Cloud
- Scale storage independently of compute and optimize storage for Google Cloud VMware Engine workloads
- Support remote workers
- Eliminate overprovisioning and optimize cloud costs



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 100TiB and share data between traditional and containerized applications to leverage your data without waste.

Manage performance and storage spending on demand

Service level	MiB throughput/TiB	Volume size	Workload types
Flex	16 MiB/s	1GiB to 100TiB*	File shares, VMs, dev and test
Standard	16 MiB/s	100GiB to 100TiB	File shares, VMs, dev and test
Premium	64 MiB/s	100GiB to 100TiB	File shares, VMs, databases
Extreme	128 MiB/s	100GiB to 100TiB	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 eliminating 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 in a backup vault.
- Deploy highly available volumes and protect them with 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.](#)



About Google Cloud

Google Cloud accelerates every organization's ability to digitally transform its business and industry. We deliver enterprise-grade solutions that leverage Google's cutting-edge technology, and tools that help developers build more sustainably. Customers in more than 200 countries and territories turn to Google Cloud as their trusted partner to enable growth and solve their most critical business problems.



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.