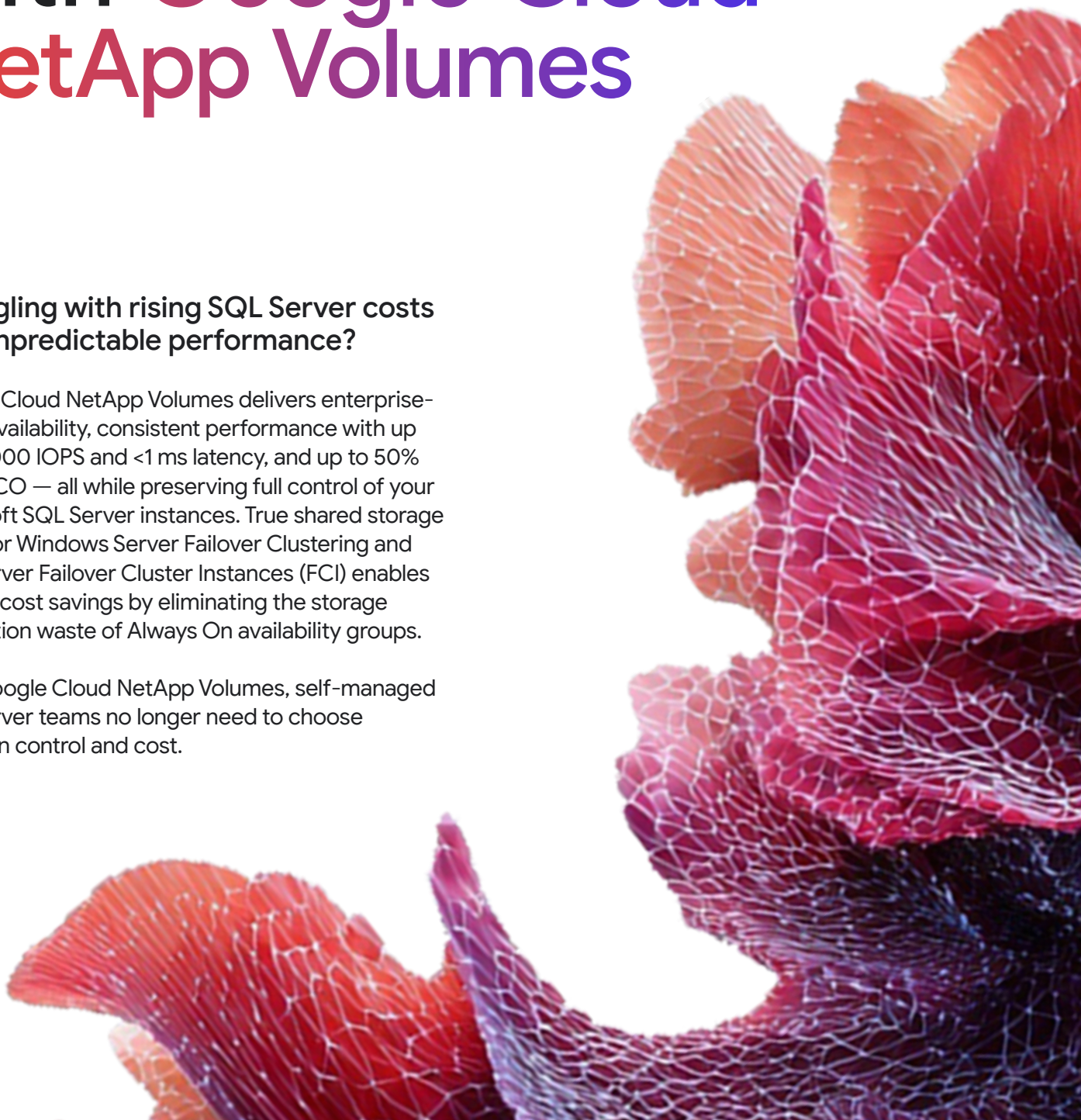# Cut SQL Server costs up to 50% with Google Cloud NetApp Volumes

Struggling with rising SQL Server costs and unpredictable performance?

Google Cloud NetApp Volumes delivers enterprise-grade availability, consistent performance with up to 160,000 IOPS and <1 ms latency, and up to 50% lower TCO — all while preserving full control of your Microsoft SQL Server instances. True shared storage (SAN) for Windows Server Failover Clustering and SQL Server Failover Cluster Instances (FCI) enables greater cost savings by eliminating the storage duplication waste of Always On availability groups.

With Google Cloud NetApp Volumes, self-managed SQL Server teams no longer need to choose between control and cost.

Engineered for performance and savings

Powered by NetApp® ONTAP® data management software and running natively in Google Cloud, database administrators maintain full instance-level control while slashing costs and accelerating workloads.

Cut the total cost of ownership up to 50%
Free your budget for innovation while reducing licensing and infrastructure overhead when you right-size VMs, choose Standard Edition licensing, and eliminate the 2–4x storage tax of Always On replicas.

Achieve instance-level high availability and disaster recovery with strict RPO and RTO
Protect SLAs, maintain uptime, and simplify audits — even during outages — with zero RPO and 30-120 seconds RTO for high availability workloads, and an average of 10 minutes of RPO and RTO for cross-region disaster recovery, enabling you to protect every database, job, login, and linked server under one name.

Get built-in ransomware resilience and Zero Trust data protection
Minimize risk, meet compliance mandates like GDPR and SOX, and avoid costly breaches with immutable snapshots and enforced Zero Trust controls that let you restore clean SQL instances in minutes instead of days.

Scale up to 128 TiB storage independently
Handle growth seamlessly without re-architecting or late-night "disk full" alerts. Google Cloud NetApp Volumes delivers up to 160,000 IOPS and consistent <1 ms latency while letting you instantly grow a single volume to 128 TiB — without any VM resize, no shared-disk multi-writer headaches or any downtime.

Google Cloud NetApp

Stay up and running with SQL Server Failover Cluster Instances

- Deliver true application-level redundancy to keep workloads running.
- Use guest-initiated iSCSI to share NetApp Volumes across Windows Server VMs in a classic WSFC cluster (Figure 1).
- Protect the entire SQL instance — databases, logins, SQL Agent jobs, and linked servers — under one virtual name.
- Enable automatic failover in 30–120 seconds for high availability.
- Prevent downtime from node crashes, VM failures, or planned maintenance.
- Achieve zero data loss (RPO = 0) within regions and minimal disruption.
- Simplify operations compared to Always On availability groups while maintaining full administrative control.
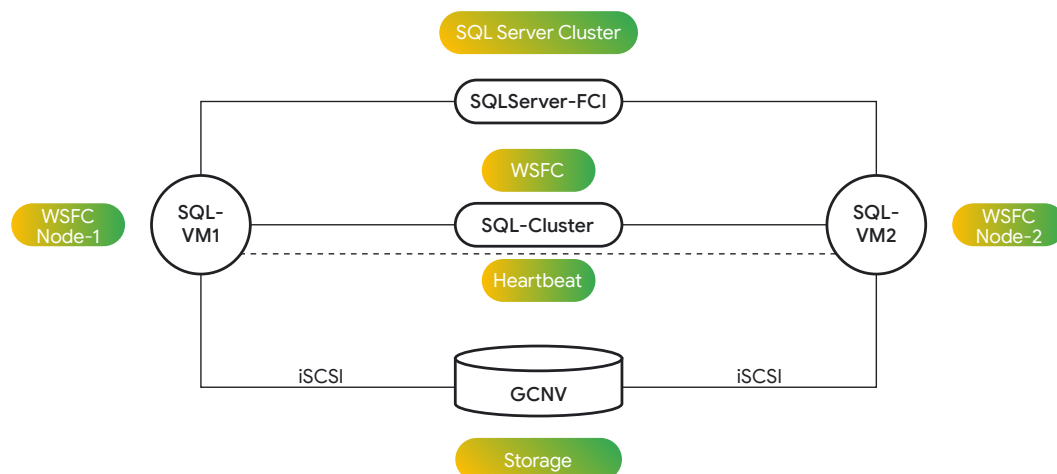

Figure 1: Instance-level availability with SQL Server-FCI Instances

Get started today

Google Cloud NetApp Volumes with SQL Server Failover Cluster Instances isn't just about high availability and speed — it's about transforming your economics and enabling a cloud adoption strategy. Why keep paying double when you can slash your SQL Server TCO up to 50%, gain an elastic scale, and free your budget for innovation?

Start saving big today — because every minute you wait, you're leaving 50% on the table and slowing your journey to the cloud. Visit Google Cloud NetApp Volumes or contact your Google Cloud / NetApp representative.

Learn more.

Google Cloud ∎ NetApp