

Get to Hybrid Cloud Faster with Enterprise File Data Services for Google Cloud Platform

The global accessibility of data across hybrid cloud is one of the biggest challenges for improving agility and scaling workloads. Data must be readily accessible while being protected and governed for compliance across sites with enterprise data services – all without sacrificing performance. Hammerspace machine learning and non-disruptive live-data mobility puts data where it needs to be; dynamically balancing performance and cost while delivering multi-site data protection, disaster-recovery-as-a-service, and intelligent data archiving.

Highlights

- **Geo-spanning Global Namespace** for Active/Active access to data across hybrid cloud
- **Non-disruptive, file-granular live data mobility** on-demand and by policy
- **Global dedupe** and compression
- **Scalable** across 16 sites
- **Deploy across clouds and on-premises** without compromising performance
- **Leverage existing storage**, software only deployment
- **Data protection and DR-as-a-Service** by policy

Availability of Hammerspace Data-as-a-Service on the Google Cloud Platform (GCP) Marketplace allows customers to easily manage and protect their data across hybrid cloud with global enterprise file data services. With support for any on-premises storage and GCP storage classes, Hammerspace makes it easy for DevOps, application owners, and data operations to consume their data-as-a-service on-premises, cloud, and container environments.

Active-active Geo-spanning Namespace

A global namespace virtualizes data to present a unified view of data to application workloads across heterogeneous storage resources. Global data visibility and accessibility make it fast and easy to access data across sites. Data is transferred on-demand when needed and by policy, if desired. With a locally managed namespace available on each site, performance of the data and metadata is maintained without compromise while making the data available across distance.

By managing metadata separately from data, it becomes possible to make unstructured data appear virtually anywhere without copying it. Data virtualization is key to overcoming the challenge of storage silos, making data appear across the hybrid cloud through an active-active geo-spanning namespace.

Metadata management through a service layer delivers global control of data, providing user-defined and programmable tags and keywords that work with any file system, NAS or object store.

Compliance at Scale, Managed by Policy

As the data estate sprawls across multiple clouds and data centers, it gets increasingly difficult to maintain security protocols and compliance with directives like GDPR, not to mention the ever-present threat of human error. Automation and objective driven data management at the file level is the only way to protect data reliably and mitigate liability.

Enterprise Data Services for All Your Data

Hammerspace can use any storage while providing global enterprise data services that span clouds and clusters. Enterprise data services like global snapshots can be automated by setting objectives, which means that data can be easily protected and scaled for everything from disaster recovery to cloud bursting; meeting sudden changes in SLAs.

- **Disaster-Recovery-as-a-Service** – Active-active DR across hybrid cloud can be configured with a simple click. With Hammerspace's global namespace, data is automatically orchestrated, across storage and clouds with an RTO and RPO of nearly ZERO.
- **Data Protection** – Protect data across the hybrid cloud with enterprise data services like global snapshots, transparent recovery, disaster recovery, data replication, and data archives.
- **Tier Snapshot Backups to Cloud Storage** – Backups can be managed with scheduled snapshots and pushed into object storage.
- **Metadata Reporting** – Generate custom reports and collections based on enriched extensible metadata from anywhere in the namespace

Compliance at Scale, Managed by Policy

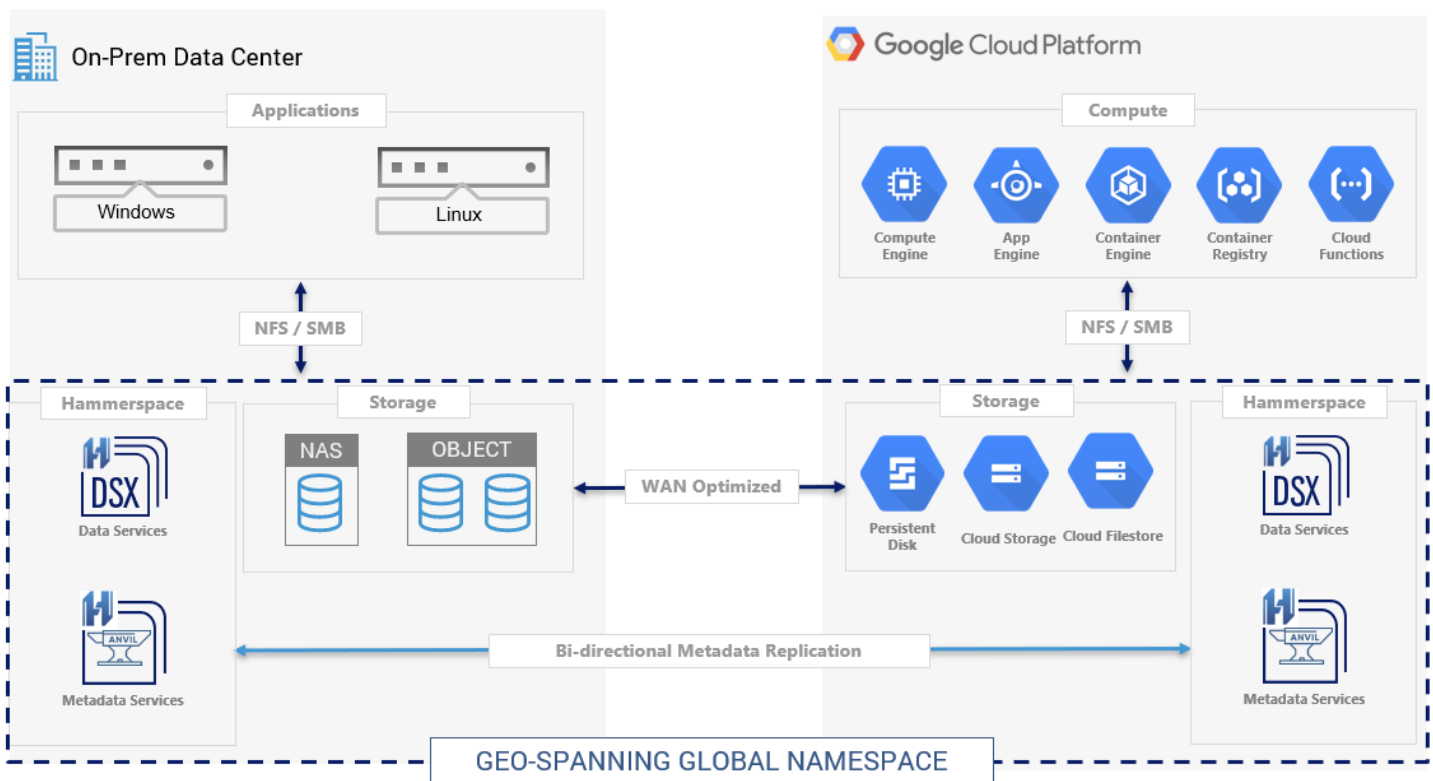
As the data estate sprawls across multiple clouds and data centers, it gets increasingly difficult to maintain security protocols and compliance with directives like GDPR, not to mention the ever-present threat of human error. Automation and objective driven data management at the file level is the only way to protect data reliably and mitigate liability.

Manage Data, Not Storage

Customers want the freedom to manage application data without worrying about which storage silo it sits on. The legacy approach of copying or moving data between silos doesn't scale in a hybrid cloud environment. With Hammerspace, all application data is available, but only the files necessary are moved to maintain efficiency while keeping transfer costs low with WAN-optimized global deduplication and compression. When combined with live data mobility, applications non-disruptively move and run anywhere even during read/write to an active file. With support for standard storage protocols (NFS, SMB) application data is available to any site across the hybrid cloud making it easy to move applications.

Machine learning engine adds intelligence to the decision making, continuously optimizing data management between clouds and data centers based on telemetry collected from applications and the infrastructure – balancing cost and performance.

Data in Hammerspace automatically meets business objectives without compromising data governance, compliance, or security.



About Hammerspace

Hammerspace is a software company dedicated to enabling fast and easy access to data across the hybrid multi-cloud. Hammerspace is a hybrid cloud data control plane where data exists abstracted from storage and is available to any service, container, or cloud. By automating the management of data with metadata-driven machine learning, Hammerspace makes it easy to create more value from data and never get stuck in a silo again. To learn more, visit us at www.hammerspace.com