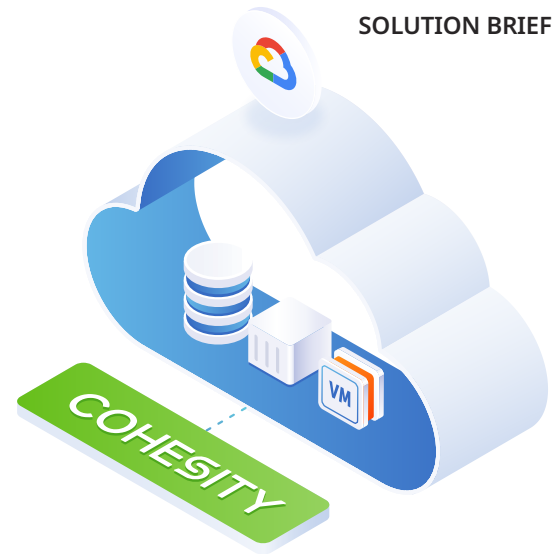# COHESITY

Cohesity and Google Cloud

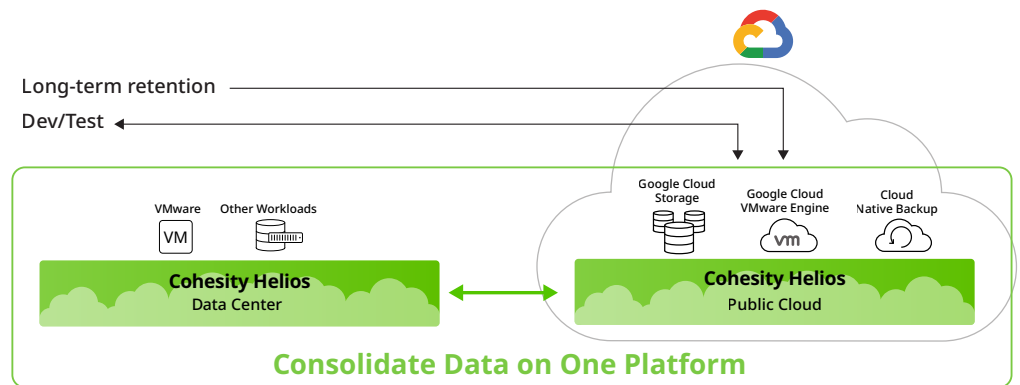Protect Google Cloud and Google Cloud VMware Engine data and extend backup and archival to hybrid cloud

Key Benefits

- Manage data on Google Cloud and hybrid cloud efficiently
- Consolidate backup, DR, dev/test, files, and analytics on a single platform
- Backup and protect Google Cloud and Google Cloud VMware Engine
- Runs on and natively integrates with Google Cloud
- Eliminate tape and reduce long-term retention and storage costs

Enterprises are struggling to take control of their data in a hybrid cloud world. Data silos are emerging in both the data center and the cloud to support backup, disaster recovery, files, dev/test, analytics, new cloud services, and remote locations. This only exacerbates the mass data fragmentation problem that makes data management inefficient, complex, and leaves data sitting idle and vulnerable to cyberattacks.

Google Cloud and Cohesity give you a joint solution to take back control of your data over hybrid cloud. Cohesity Helios consolidates all data infrastructure onto one unified and efficient multicloud data platform. Cohesity also extends on-premises data to Google Cloud to take advantage of the scalability and pay-as-you-go model of the cloud. The joint solution enables customers to use Google Cloud for data protection, long-term archival, dev/test, and disaster recovery.

Long-term retention

Dev/Test

VMware   Other Workloads

Google Cloud Storage   Google Cloud VMware Engine   Cloud Native Backup

Cohesity Helios
Data Center

Cohesity Helios
Public Cloud

Consolidate Data on One Platform

"

"eSilicon was not only managing billions of files, we were also doing complete chip design and manufacturing operations in the cloud, something no other company has done before. From all levels of management, we were confident Cohesity was the solution partner to carry us forward and meet our requirements for cloud-native data management for several petabytes of data across our global locations. Cohesity enabled eSilicon to complete our move to the Google Cloud for true elasticity, helping us deliver optimized solutions to our customers."

Naidu Annamaneni, CIO and Vice President of Global IT

Key Use Cases

Long-Term Retention on Google Cloud: Cohesity can archive data to all Google Cloud Storage classes for long-term retention. Data is deduped and compressed, and is also indexed for fast granular search and retrieval back to on-premises from the cloud.

C**loud Native Backup**: Protect Google Cloud Compute Engine VMs and applications on running on Google Cloud with efficient snapshots APIs. Snapshot backups can be stored on Cohesity to maximize data reduction efficiency or they can be stored directly on Google Cloud Storage and managed remotely from a Cohesity cluster.

Back up Google Cloud VMware Engine: Simplify backup and recovery for Google Cloud VMware Engine (GCVE) and deliver a consistent data management experience across your VMware hybrid cloud. Easily migrate VMware workloads between on-premise and GCVE regions and quickly recover multiple VMs using our instant mass restore feature. Use GCVE as a disaster recovery site and eliminate dedicated standby infrastructure.

Key Cloud Capabilities

Helios® – Multicloud data platform and global GUI that provides a comprehensive range of data management services, on-premises, in the cloud including Google Cloud, or in a as a Service model

CloudArchive – Archive older backup data from on-premises to Google Cloud Storage classes for long-term retention. CloudArchive deduplication reduces storage and data transfer costs on Google Cloud.

CloudArchive Direct – Archive data directly to cloud to reduce storage costs and eliminate the need to store a full backup copy on-premises.

Conclusion

Cohesity provides a single platform and UI that simplifies data management on Google Cloud and hybrid cloud. It runs natively on Google Cloud to protect cloud-native apps and when it's deployed on-premises it provides simple connectivity to Google Cloud to extend your data center to the cloud for long-term retention, disaster recovery, test/dev, and tiering as well providing protection for Google Cloud VMware Engine.

Learn more at Cohesity.com

COHESITY

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