

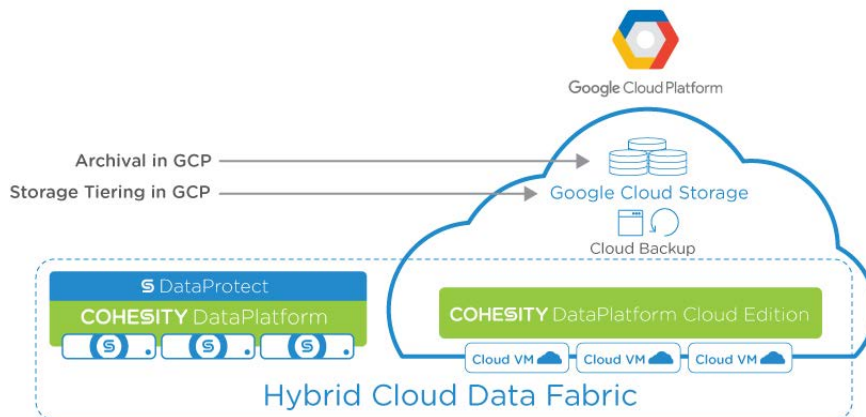


## Hybrid Cloud Data Fabric for Backup & Recovery, Long-term Retention, and Storage Tiering

### Overview

Enterprises are struggling to take control of their secondary data in a hybrid cloud world. In the datacenter, secondary storage still consists of multiple legacy silos for backup software, backup target, file storage, object storage, and test/ dev. These silos are complex to manage, inefficient, and don't scale to keep up with data growth.

Together, Cohesity and Google Cloud Platform give you a joint solution to take back control of your secondary data with a hybrid cloud data fabric. In the datacenter, Cohesity delivers a web-scale platform that consolidates all secondary storage and data services onto one unified, efficient solution. Cohesity extends the data into Google Cloud Platform to take advantage of the scalability and cost-effectiveness of the Google cloud. The joint solution enables customers to use Google Cloud Platform for backup & recovery, long-term retention, and storage tiering.



### The joint solution supports several use cases:

**Long-term Retention in Google Cloud:** In this scenario you can archive backup data to the Google Cloud for **long-term retention**. You can also benefit from indexing of data for fast retrieval and search back to on-premises from the cloud.

**Storage Tiering in Google Cloud :** In this scenario you can utilize policy-based thresholds to move cold data to the Google cloud and leverage Google cloud storage as another tier. You can tier data back to an on-premises cluster if required.

**Cloud Backup:** In this scenario VM's running on GCE( Google Compute Engine) can be backed up and recovered using Cohesity Cloud Edition.

## Key Cloud Capabilities

**CloudArchive™** - Archive older local snapshots in the Cohesity cluster to the Google cloud for long-term retention. CloudArchive dedupe optimizes data stored in the Google cloud.

**CloudRetrieve** - Archive data from one cluster to an external target. Register another cluster with same external target and retrieve data from there to an alternate cluster.

**CloudTier™** - Use cloud as an extension to Cohesity's built-in storage to tier the data between a Cohesity cluster and the Google cloud. Enable capacity bursts to the Google cloud.

**CloudEdition** - Deploy a Cohesity cluster in the public cloud. Backup VM's running on GCE infrastructure.

## Summary

The Cohesity DataPlatform provides simple connectivity to the Google cloud platform as an extension of the data center infrastructure for long-term retention, tiering, and cloud backup. By utilizing Cohesity you can make your hybrid cloud strategy with Google for secondary data a reality.