

Bringing Enterprise Grade Capabilities to the Public Cloud for Secondary Data

Public cloud expansion will continue to see double digit growth over the next five years according to IDC¹. Making the public cloud interoperable with on-premises solutions needs to be part of your hybrid cloud strategy for secondary data workloads. Legacy solutions, however weren't architected with the cloud in mind. They require use of cloud gateways and don't scale well in the cloud.

Introducing a Better Way with Cohesity

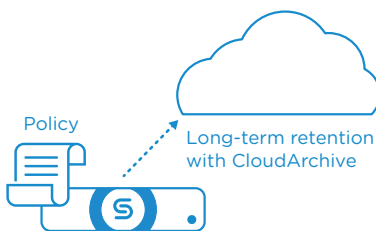
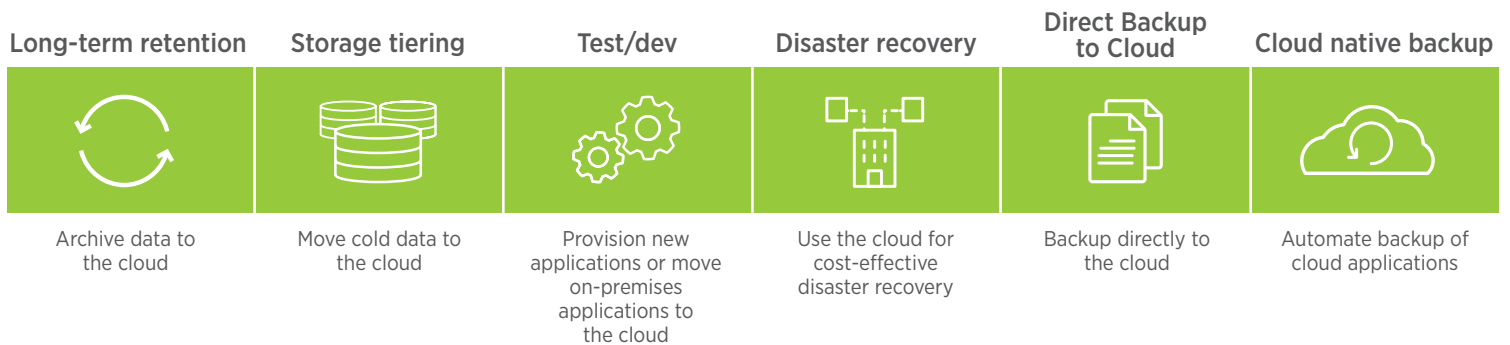
Cohesity DataPlatform is a modern architecture designed to be cloud-first. Native integration with public clouds helps you take advantage of their scalability and cost effectiveness for multiple use cases, all while staying in control of your secondary data.

Cohesity integrates with Amazon Web Services, Microsoft Azure, and Google Cloud Platform to extend your on-premises data protection solution to these public cloud services. Our built-in cloud capabilities give you flexibility to use the cloud for multiple use cases.



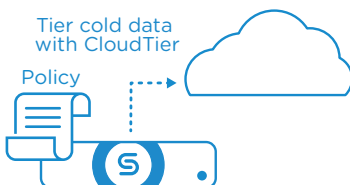
“As a global technology solutions provider, we like to stay ahead of the technology curve. We saw clear value in adopting Cohesity to consolidate and simplify our secondary storage infrastructure. Cohesity allows us to consolidate data protection and file storage, while providing simple integration with the public cloud for long-term archival.”

- Brian Sweeney, Principal Engineer



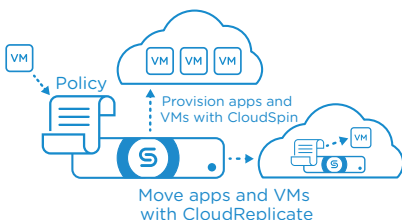
Long-Term Retention

Enable policy based archival of older snapshots on-premises to the cloud for long-term retention. Reduce reliance on tape and lower TCO. Provide an easy way to retrieve data back to on-premises from the cloud and recover data to a different site.



Storage Tiering

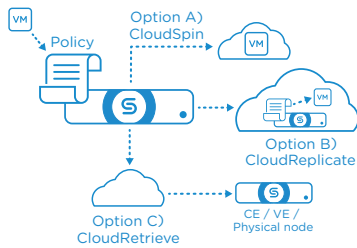
Utilize policy-based thresholds to move cold data to the public cloud. Leverage cloud storage as another tier. Tier data back to an on-premises cluster.



Test/Dev

Use your backup data as more than an insurance policy. Easily provision new applications and VMs in the cloud for test/dev using your backups. Or move on-premises applications and VMs to the cloud. Spin up new VMs with or without Cohesity in the cloud.

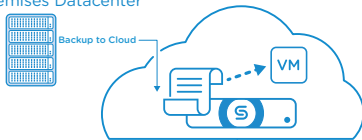
¹IDC Worldwide Semiannual Public Cloud Services Spending Guide



Disaster Recovery

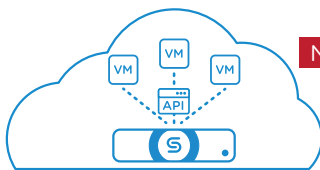
Replicate to the public cloud from on-premises for cost-effective disaster recovery. Spin up cloud instances of VMs with automatic format conversion. Enable disaster recovery.

On - Premises Datacenter



Direct Backup to Cloud

Backup on-premises applications and send backup data directly to the cloud without requiring backup software and target storage on-premises.



Cloud Native Backup

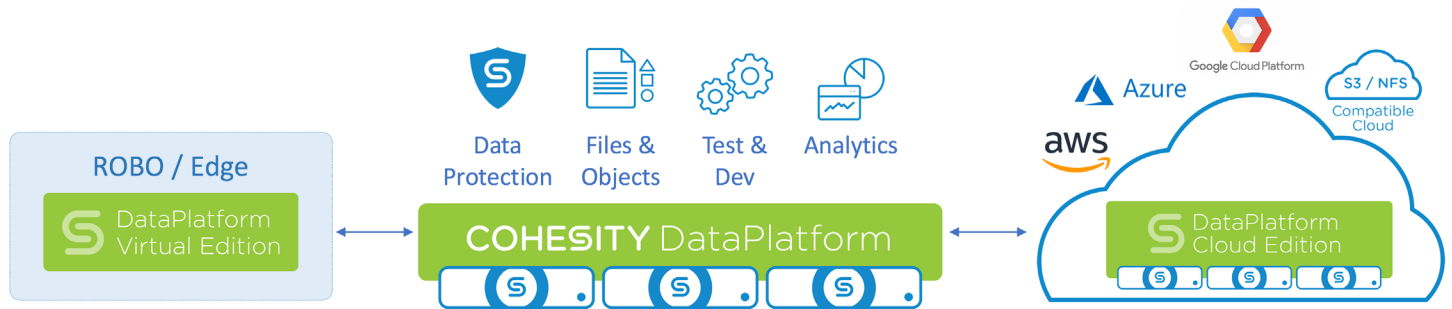
Protect cloud applications with API integration. Achieve best in class operational efficiency by leveraging integration with public cloud snapshot APIs.

Key Cloud Capabilities

- CloudArchive™ - Archive older local snapshots in the Cohesity cluster to the public cloud for long-term retention. CloudArchive dedupe optimizes data stored in the cloud.
- CloudTier™ - Use cloud as an extension to Cohesity's built-in storage to tier the data between a Cohesity cluster and the Cloud. Enable capacity bursts to the cloud.
- CloudReplicate™ - Replicate data from an on-prem Cohesity cluster to a Cohesity instance in the cloud including Microsoft Azure Compute/Amazon Elastic Compute Cloud (EC2)/Google Compute Engine.
- CloudEdition - Deploy a Cohesity cluster in the public cloud. Enable replication from the datacenter to the public 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.
- NEW** • CloudSpin - Spin up on-premises VMs in the public cloud for test/dev. Allows policy to be setup to schedule backup to be converted and stored in the cloud without the need for running Cohesity in the cloud. Upon demand, VM in the cloud can be activated.
- NEW** • Native API Integration- Integrate with public cloud snapshot APIs for native backup of cloud applications.

Key Platform Differentiators for the Cloud

- **Web-scale:** Software defined and web-scale platform provides unlimited scale, non-disruptive upgrades, and a pay-as-you-grow consumption model.
- **Global deduplication:** Maximize space efficiency with global deduplication in the cloud. Deduplication can be configured to be variable, inline, or post-process.
- **Unlimited snapshots and clones:** Utilize SnapTree to take an unlimited number of snapshots and clones without impacting performance. Each snapshot is instantly available as a fully hydrated copy of the file.
- **Automated global indexing:** Automated global indexing powers Google-like search, enabling instant wildcard searches for any VM, file, or object that is ingested. Granular recovery optimizes data egress from cloud.
- **Security:** Enable encryption of data at rest and in-flight. Provide role-based access control that enables mapping of Active Directory or local users to roles with segregation of duties.
- **Quality of Service:** Control Quality of Service at a granular level to ensure low-latency, high throughput to mission critical workloads.



Conclusion

The Cohesity DataPlatform provides simple connectivity to public cloud services as an extension of the data center infrastructure for long-term retention, tiering, disaster recovery, test/dev and replication. By utilizing Cohesity you can make your hybrid cloud strategy for secondary data a reality.

About Cohesity

Cohesity makes your data work for you by consolidating secondary storage silos onto a hyperconverged, web-scale data platform that spans both private and public clouds. Enterprise customers begin by radically streamlining their backup and data protection, then converge file and object services, test/dev instances, and analytic functions to provide a global data store. Cohesity counts many Global 1000 companies and federal agencies among its rapidly growing customer base and was named to Forbes' "Next Billion-Dollar Startups 2017," LinkedIn's "Startups: The 50 Industry Disruptors You Need to Know Now," and CRN's "2017 Emerging Vendors in Storage" lists.