Cohesity DataProtect for the Cloud

Strike the right balance of convenience, control, and cost

Enterprises are increasingly moving to the cloud to support use cases that traditionally run on-premises and achieve greater flexibility, accessibility, and scalability. However, some struggle to easily migrate their data to the cloud, while others fear doing so will mean relinquishing control to a vendor.

With Cohesity DataProtect for the Cloud you can simplify data management for your organization. It gives your IT teams enhanced control over the deployment while conveniently outsourcing the underlying infrastructure management to cloud providers.

Organizations can deploy a Cohesity cluster in AWS, Azure and GCP and use it to protect cloud-native, SaaS, and on-premises data sources. Customers can manage on-premises and cloud-based Cohesity deployments through a single pane of glass using Cohesity Helios.

TCO optimization benefits

- With cost-effective object storage, like S3 in AWS, Cohesity DataProtect for the Cloud helps optimize cloud storage costs without compromising on performance.
- Each Cohesity node supports a usable capacity of up to 200TB, allowing efficient and effective storage of large amounts of data.
- Advanced data deduplication and compression techniques can significantly reduce the data footprint and storage costs.

Improved performance and flexible deployment choices

- Available in multiple configurations to support different use cases, including Entry (basic computing), Core (general-purpose), Archival (high storage needs), and Performance (high performance computing tasks).
- Support for high performing instance types offered by major cloud providers, including M6 instances in AWS, n2-standard instances in GCP, and Dsv5 instances in Azure.
- Supports disk types that offer provisioned IOPS (Input/Output Operations Per Second) and throughput for cost-optimized performance and streamlined retrieval and processing operations.
- Easily add and scale up or down clusters based on business need, enabling flexibility and scalability.

Key Benefits

- Optimize total cost of ownership with efficient storage and capacity-based pricing
- Simplify data management while retaining control with flexible deployment options
- Increase protection for cloud-native and SaaS workloads

Use Cases Supported

- Cloud-native backup
- Long-term retention
- Data replication
- Disaster recovery

Enhanced protection against disasters and cyberattacks

- Replicate data and archive it in the cloud, ensuring data availability and redundancy.
- Data immutability using object-level locking for secondary copies in AWS and Azure is expected in the coming months.
- Robust support for distinct workloads.

Workload Type	Supported Data Sources on AWS, Azure, GCP clouds
IaaS	Azure VM, EC2 VM, GCP VM, Azure Blob, GovCloud, C2S Secret and C2S Top Secret
Hypervisors	VMware VM, RH OpenShift
Physical	Physical Server - Windows, Linux
Databases	MS SQL, Custom RDS, BigQuery, DynamoDB, Postgres, Oracle, DocumentDB, CloudSQL, Cosmos
NAS	Generic NAS, NetApp, Isilon
SaaS	M365
Kubernetes	AKS, EKS, Rancher (RKE20)
NoSQL & Hadoop Platforms	Cassandra, MongoDB, Hadoop DataProtect only in GCP cloud

For the latest information on supported workloads, go to our Product Documentation center.

Seamless data management across clouds

- Two modes of deploying Helios UI.
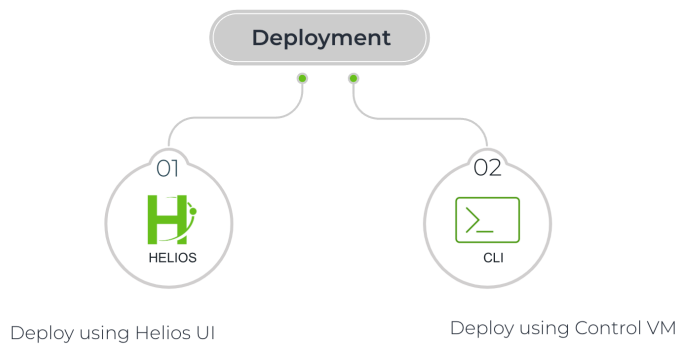- Manage data across cloud and on-prem environments with Helios, our single user interface.

Deploy using Helios UI   Deploy using Control VM

Fig. 1: Two available modes of deployment of Cohesity DataProtect for the Cloud

COHESITY