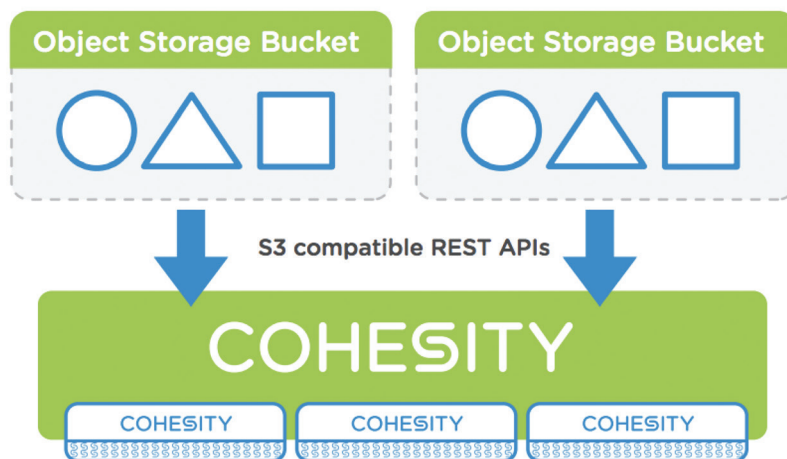


The Only S3-Compatible Object Storage with Global Deduplication

Solution Overview

Exponential data growth and content-driven access are driving factors for enterprises to adopt object storage. As a flat file system, Object storage eliminates the limitations of a traditional file storage by scaling limitlessly and hold massive amounts of unstructured data such as documents and media files. Object storage offers flexibility to customize metadata tags, which allows users to easily locate files among large set of unstructured data.

Cohesity DataPlatform, an enterprise-ready, scale-out S3-compatible hyperconverged secondary storage solution provides unlimited scalability. Designed on web-scale principles, you can start with as few as three nodes and expand your cluster with Cohesity's pay-as-you-grow model to address growing data volumes.



Simplify Storage Management

Industry-standard S3 REST APIs for easy app integration. Also, supports simultaneous NFS, CIFS/SMB access to S3 volumes. Get ready for tomorrow while maintaining compatibility with your existing enterprise file protocols.

Global Data Efficiency

Maximize your object storage efficiency with Cohesity true global variable block length deduplication and compression. Unlike others, Cohesity deduplicates across the cluster. In addition, Cohesity DataPlatform also supports Erasure Coding (2:1, 4:2, 5:2) to reduce data center footprint.

Cloud-ready

Integrate natively with AWS, Microsoft Azure and Google Cloud to leverage the economics and elasticity the public cloud. Eliminate bolt-on cloud gateways and simplify direct data access into the cloud.

Key Benefits

- S3 compatible object storage with REST APIs for easy integration with apps and services
- Converged on Cohesity DataPlatform which can be used to consolidate objects, files, data protection, and test/dev copies
- Web-scale platform with unlimited scalability, nondisruptive upgrades, pay-as-you-grow scalability
- Industry's only globally deduplicated, S3 object storage
- Global Google-like search on all object metadata
- Public cloud integration for archival, tiering and replication



Key Features

Features	Description
S3 REST APIs	Object storage that provides S3-compatible REST APIs for easy integration with existing services
NFSv3, CIFS, SMB2.x	Multiprotocol access to same data allows support of applications across all major enterprise operating systems including Microsoft Windows (SMB) and Linux (NFS)
Strict Consistency	Guaranteed data resiliency at scale
SnapTree® snapshots and clones	Limitless and fully-hydrated snapshots for granular Cohesity Views (file systems) as well as writable snapshot clones that provide instant creation, testing and development of view-based datasets
Web-Scale File System	Unlimited scalability, always-on availability, non-disruptive upgrades, pay-as-you-grow scalability
Converged on Cohesity DataPlatform	Store objects on the same platform used for data protection, files, and test/dev copies
Global deduplication and compression	Global deduplication and compression across all nodes of the cluster significantly reduces physical storage footprint
Erasur coding	Data is protected against any individual node failure with erasure coding across nodes
Global indexing and search	Object metadata is indexed upon ingest, enabling Google-like search across all objects in a cluster
Mix-mode permission mapping	Cohesity manages the permission mapping and also natively integrates with Centrify. Centrify allows Cohesity to directly access the id mapping information stored in Centrify's AD. This eliminates the need for LDAP proxy and simplifies the user experience
Object metadata	Rich object metadata captures common object characteristics such as ACLs, versioning
Policy-based backup protection	Integrated data protection software and SnapTree technology is available to allow simplified data protection of Objects with fully-hydrated snapshots
Windows Active Directory and Kerberos Integration with Role-Based Access Control (RBAC)	Simplify user and group access to data utilizing credentials and permissions with Windows AD and Kerberos mechanisms. Create and manage custom Cohesity cluster administration roles for domain users and groups
External KMS integration	Snap-in for the Microsoft management console, which allows Cohesity file shares to be managed MMC
QoS	QoS policies are provided that optimize performance for different types of workloads
Policy-based backup protection	Integrated data protection software and SnapTree technology is available to allow simplified data protection of Objects with fully-hydrated snapshots
Encryption	Cohesity solution provides data-at-rest as well as data-in-flight encryption using industry standard 256-bit Advanced Encryption Standard (AES) algorithm. The platform is also FIPS 140-2 compliant
Write Once Read Many (WORM)	Enables long-term retention of data that have compliance controls mandating a policy that objects cannot be modified during the lock time
Replication for Disaster Recovery	Built-in, granular and secure replication services for geo redundancy
Cloud integration (CloudArchive, CloudTier, CloudReplicate)	Archive into public cloud services for long-term retention. Utilize cloud tiering for transparent capacity expansion into the cloud. Replicate into the cloud for disaster recovery.