VAST IT without Limits™

VAST offers a turnkey Cohesity hyperconverged data platform solution including licensing, hardware, support and managed services.
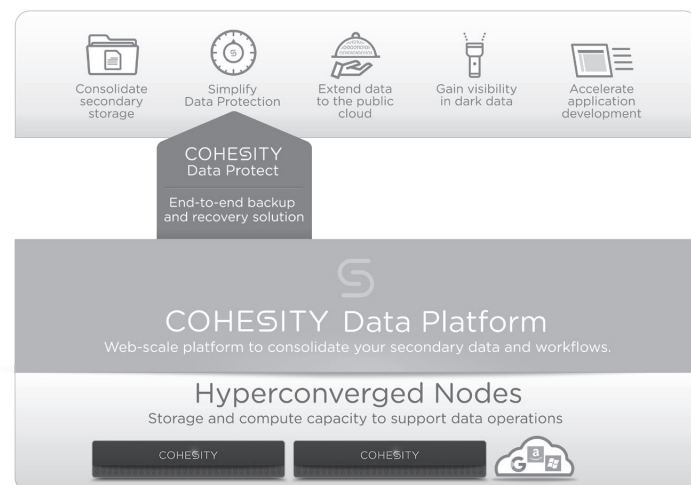
Cohesity DataPlatform

What is Cohesity DataPlatform?

Cohesity DataPlatform is the only platform designed to consolidate all your secondary data and workflows. Inspired by web scale architectures, Cohesity provides a scale-out, globally deduped, highly available storage fabric to consolidate your secondary data, including backups, files, and test/dev copies.

Cohesity DataProtect is an end-to-end backup and recovery solution that is fully integrated with the platform to provide simple data protection with 15 minute RPOs and instantaneous RTOs.

The platform is deployed on Hyperconverged Nodes, which provide both storage and compute to enable fast data operations to execute directly on the platform.

Cohesity DataPlatform

Key Use cases

Consolidate secondary storage:
Eliminate storage silos by consolidating secondary data, including backups, files, and test/dev copies, on a scale-out, globally deduped storage platform. Increase space and cost efficiency, simplify management and capacity planning, and eliminate the need for costly data migrations.

Simplify data protection and recovery:
Simplify your data protection infrastructure with an end-to-end backup and disaster recovery solution that is fully converged on the Cohesity platform. Infinite backups. Instant recoveries. Integrated replication for multi-site disaster recovery.

Improve economics with public cloud integration:
Extend your data platform to the public cloud for long-term archival, tiering of storage capacity, and disaster recovery. Make use of public cloud economics and flexibility without complicated gateways.

Gain visibility into your dark data:
Shine a light on your dark data with real-time analytics on data utilization. Extract valuable insight from your data by running custom queries directly on the Cohesity platform.

Accelerate application development:
Release applications faster by instantly cloning and provisioning test and dev environments on the Cohesity platform.

Key features of Cohesity DataPlatform

1. **Scale-out storage fabric:** Replace individual storage appliances with a web-scale platform. Ensure high-availability with no single point of failure, scale performance and capacity linearly, simplify capacity planning, and eliminate expensive forklift upgrades.
2. **Hyper-converged architecture:** Bring compute to your data instead of moving copies of data. Run secondary data workflows including data protection, recovery, test/dev and analytics directly on the Cohesity platform.
3. **Support for backups, files, and test/dev copies:** Consolidate your secondary data on the Cohesity platform with support for NFS and SMB interfaces. Consolidate backups, files, and test/dev copies.
4. **Global deduplication and compression:** an entire cluster. Increase storage efficiency with variable-length, global deduplication that spans an entire cluster. Support for both in-line and post-process deduplication.
5. **SnapTree for unlimited snapshots and clones:** Take an unlimited number of snapshots and clones without impacting performance. Each snapshot is instantly available as a fully hydrated copy of the file.
6. **Remote replication for disaster recovery and migrations:** Protect your data off-site and enable disaster recovery/migrations to remote sites, with built-in remote replication. Leverage flexible replication topologies including site-to-site, one-to-many sites, cascaded, and to the cloud.
7. **CloudTier:** Leverage compelling cloud economics with native cloud integration for data tiering. Choose your preferred provider with support for Google Cloud Storage Nearline, Microsoft Azure, and Amazon S3.
8. **CloudArchive:** Replace tape archive and off-site data protection with long-term archival to all the leading cloud providers including Google Cloud Storage, Microsoft Azure, Amazon S3 and Glacier.
9. **Real-time analytics:** Monitor capacity utilization and trends in real-time at the cluster, VM and file level to better plan for future capacity requirements.
10. **Automated global indexing:** Automated global indexing powers Google-like search, enabling instant wildcard searches for any VM, file, or object ingested into the system.
11. **Quality of Service:** Control Quality of Service at a granular level to ensure low-latency, high throughput to mission critical workloads.
12. **Software-based encryption:** Secure your data with software-based encryption and data isolation between tenants.
13. **REST APIs for orchestration:** Orchestrate your data operations with a complete set of REST APIs and associated documentation.

Cohesity Data Protect

Cohesity DataProtect converges all your data protection infrastructure on Cohesity DataPlatform – including target storage, backup, replication, disaster recovery, and cloud tiering. Cohesity DataProtect ensures strict application SLAs by providing fast Recovery Points and near-instaneous Recovery Times, all while cutting data protection costs up to 50%.

Simplify data protection: Simplify your data protection infrastructure with an end-to-end data protection solution that converges backup software, backup infrastructure and target storage on one unified platform.

Improve SLAs: Ensure 15-minute Recovery Points and near-instantaneous Recovery Times.

Reduce costs: Cut data protection CAPEX and OPEX by 50% by eliminating the need for the traditional patchwork of data protection solutions.