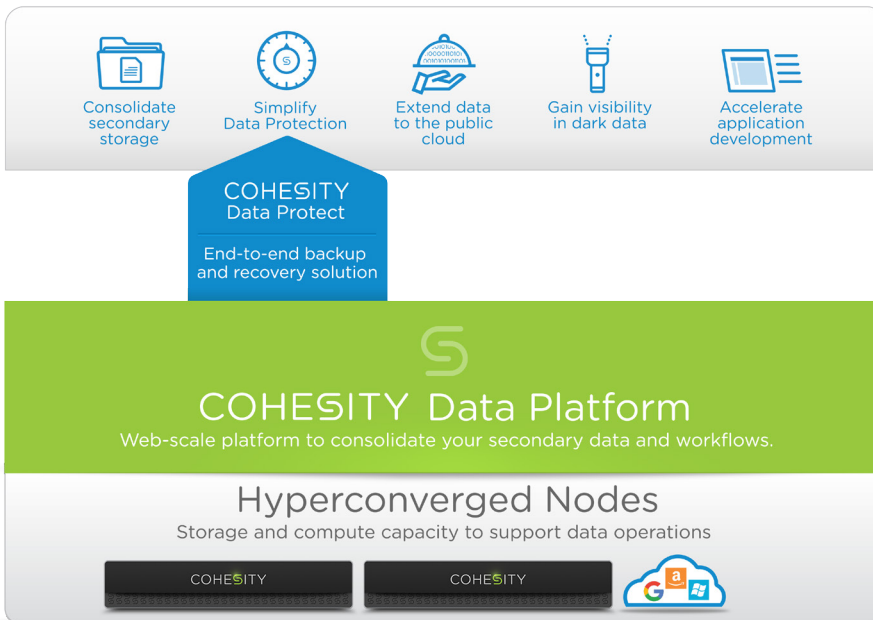# COHESITY

Cohesity DataProtect

Simplify your end-to-end data protection

What is Cohesity DataProtect?

Cohesity DataProtect is an end-to-end data protection solution that is fully converged on Cohesity DataPlatform. DataProtect simplifies your data protection environment with a single unified solution for backup, recovery, replication, disaster recovery, target storage, and cloud tiering. Data Protect provides sub-15 minute RPOs, instantaneous RTOs, and can reduce the cost of data protection by 50%

| Consolidate secondary storage | Simplify Data Protection | Extend data to the public cloud | Gain visibility in dark data | Accelerate application development |

COHESITY
Data Protect

End-to-end backup and recovery solution

COHESITY Data Platform
Web-scale platform to consolidate your secondary data and workflows.

Hyperconverged Nodes
Storage and compute capacity to support data operations

COHESITY   COHESITY

Cohesity DataProtect and Cohesity DataPlatform

Key features

1. **Integrated backup and recovery solution:** Simplify your data protection infrastructure with an end-to-end backup and recovery solution that is fully converged on Cohesity DataPlatform. Eliminate the need for separate backup software, proxy servers, media servers, replication, disaster recovery and target storage.

2. **Recovery Points of minutes – not hours:** Reduce your Recovery Points to 15 minutes or less by leveraging the high ingest throughput of Cohesity DataPlatform combined with SnapTree for unlimited snapshots and clones.

3. **Instantaneous Recovery Times:** Recover applications instantly by creating a clone of the backup VM and running that clone directly from the Cohesity platform. If needed, the clone can be moved back to primary storage using Storage vMotion.

4. **Fast backups:** Minimize your backup windows by parallelizing backup jobs on the scale-out nodes of the Cohesity Data Platform.

Simple data protection

Converge backup software, replication, and target storage in one integrated solution

Fast RPOs and RTOs

Sub-15 minute RPOs and instantaneous RTOs

Cost-effective backup and replication

Reduce CAPEX and OPEX up to 50% with a single solution for end-to-end data protection.

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5. **Application-consistent backups:** Perform application-consistent backups with agentless app-consistent backups for virtual environments, and application adapters for physical SQL Server, Windows, and Linux servers.

6. **Full integration with VMware:** Simplify operations with full vSphere integration. vCenter integration provides a full view of the Virtual Machines and enables admins to apply data protection policies on a per-VM basis. Cohesity leverages the vSphere APIs for Data Protection to provide vSphere snapshot-based protection and eliminate the need for in-guest agents.

7. **Policy-based management:** Create policies that specify your application SLA requirements including RPO, retention policies, off-site replication and cloud archival. Assign policies to VMs based on application SLA requirements.

8. **Instant file-level search:** Instantly find your virtual machine and file data with Google-like wild-card search on Virtual Machines and individual files to accelerate recovery times.

9. **VM, file and object-level recovery:** Recover individual VMs, restore files to source VMs, and recover individual application objects for Exchange, SQL, and SharePoint

10. **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.

11. **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.

12. **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.

13. **Tape archival:** Support integrated tape-out for long-term data archival.

14. **Datastore throttling:** Throttle throughput on the application hosts to minimize disruption to production applications.

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❝ The goal for IT is to simplify storage and minimize costs. We are excited because Cohesity covers all of our secondary use cases. We use it for backup and file shares. We are excited to leverage Cohesity to replace off-site tapes with public cloud. ❞

– Marlon Wenceslao, Sr. Systems Manager