

# Hadoop and NoSQL Data Management Made Simple

Protection, Orchestration, Automation



## Key Benefits

- Single platform for protecting relational and distributed databases
- Immutability against ransomware attacks
- Accelerate application development

## Backup and Recovery Challenges

Modern Hadoop Distributed File Systems and NoSQL distributed databases host petabytes of enterprise's business-critical data that must be protected and managed. However, the scale and distributed nature of these modern databases require a new approach to backup, recovery and data management. Without the right solution, organizations are exposed to data loss, downtime, cyber-attacks like ransomware, and spiraling costs.

## Modern Backup and Recovery for Modern Workloads

Cohesity simplifies and consolidates backup, recovery, and data management of the leading Hadoop and NoSQL distributed databases, including MongoDB, Apache Cassandra, Couchbase, Hbase, Cloudera, CockroachDB, and Hortonworks with a single software-defined solution, on-premises and in the public cloud. With a unified policy-driven framework, Cohesity helps automate backup and recovery, disaster recovery, and establish immutability against sophisticated ransomware attacks.

By leveraging Cohesity's powerful indexing and global search, enterprises gain fast, any-point-in-time, granular search—from individual tables to entire databases—to discover and restore data almost instantly. Cohesity also provides incremental recovery and the ability to create zero-cost clones for application development and testing.



Cohesity makes data protection and management effortless. Offering a flexible and comprehensive approach, Cohesity simplifies and modernizes the protection of modern distributed databases. A single platform, managed through a global user interface, enables enterprises to protect a wide range of their distributed databases and corresponding log files and allows for database-level recovery anywhere, anytime. As a result, data protection is holistic and effectively thwarts data loss.

Enterprise customers have come to rely on Cohesity for policy-based, scale-out data protection for mission-critical Hadoop and NoSQL distributed databases while controlling data sprawl and cost.

## Cohesity Puts You in Control of Your Hadoop and NOSQL Data

### Unify Backup and Recovery, Anywhere

With Cohesity, you can minimize data sprawl while protecting against data loss and downtime. No need to learn proprietary tools or commit resources to build and maintain scripts. With the industry's broadest support for Hadoop and NoSQL databases, you can virtually protect and manage the majority of modern, distributed databases, on-premises, and in the leading public cloud providers.

### Policy-Based Automation

Leverage Cohesity's comprehensive policy engine to automate data protection and management, thereby minimizing the risk associated with manual operations and/or human error.

### Comprehensive Protection Against Ransomware Attacks

Backup is your last line of defense against sophisticated and crippling ransomware attacks. Cohesity's comprehensive anti-ransomware solution protects, isolates, detects, and most importantly, rapidly recovers to reduce downtime and ensure business continuity.

- An immutable file system, combined with WORM, RBAC, multifactor authentication (MFA), and data encryption (in flight and at rest), keeps backup data protected against sophisticated ransomware attacks.
- The cutting-edge ML algorithms proactively assess IT needs and automate infrastructure resources regularly. Cohesity machine learning models look for anomalies to help identify potential ransomware attacks in progress in the IT production environment.

### Zero-Cost Clones for Dev/Test

Speed up application development while meeting compliance requirements by helping developers get access to high-quality data, on-demand. Leverage existing backup data to instantly provision zero-cost clones. Combined with self-service provisioning and data refresh, developers and test teams can get rapid access to high-quality data.

- Empower your team without additional infrastructure. Meet data retention and strategic requirements easily.
- Make securing provisioned data simple with data masking, vulnerability assessment, and by making data more visible.
- Reduce data sprawl with one platform for both dev/test and data protection.

### Lower TCO

Cohesity's policy automation minimizes the cost of managing data protection and management. Additionally, data-aware deduplication and compression deliver radical backup storage efficiency for even the largest Hadoop and NoSQL databases.

With Cohesity for Hadoop and NoSQL, managing and protecting mission-critical distributed databases is easy and flexible. Reduce backup windows, eliminate risk, create policies for streamlined administration and support agile development initiatives, all from one web-scale solution.

Learn more at [www.cohesity.com](http://www.cohesity.com)

# COHESITY

© 2021 Cohesity, Inc. All rights reserved.

Cohesity, the Cohesity logo, SnapTree, SpanFS, DataPlatform, DataProtect, Helios, and other Cohesity marks are trademarks or registered trademarks of Cohesity, Inc. in the US and/or internationally. Other company and product names may be trademarks of the respective companies with which they are associated. This material (a) is intended to provide you information about Cohesity and our business and products; (b) was believed to be true and accurate at the time it was written, but is subject to change without notice; and (c) is provided on an "AS IS" basis. Cohesity disclaims all express or implied conditions, representations, warranties of any kind.

