

Cohesity Imanis Data

Simplified backup and recovery for Distributed Databases

Cohesity Imanis Data is a high-performance, software-defined, backup, recovery, and data management solution for a wide range of leading Hadoop Distributed File Systems and NoSQL distributed databases including MongoDB, Cassandra, CouchbaseDB, and Hbase, running on-premises, in the public cloud or both. Available as an integrated solution in Cohesity MarketPlace or as a software-only deployment—physical, virtual, container, cloud—it provides comprehensive policy-driven backup, recovery, disaster recovery, test/dev, archiving, and ransomware protection.

Distributed Databases



Hadoop



One Solution, Multiple Distributed Databases

With 38% of enterprises using greater than 20 databases, Cohesity Imanis Data eliminates data silos and radically simplifies backup, recovery and data management with a single, automated solution for backup, recovery, disaster recovery for Hadoop Distributed File Systems and NoSQL distributed databases running on-premises and in the public cloud.

Web-Scale Performance and Efficiency

A scale-out architecture that delivers rapid recovery point objectives (RPO's) and recovery time objectives (RTOs) to meet business SLAs. Granular recovery – from individual tables to entire databases. With FastFind data can be discovered and restored almost instantly. Cohesity Imanis Data uniquely optimizes backup storage efficiency on-premises and in the public cloud.

Security and Anti-Ransomware

Enterprise-class security and encryption capabilities, including Kerberos and LDAP authentication, RBAC, support for encrypted file systems, and SSL. Meet compliance requirements with data masking. ThreatSense™ uniquely provides automated, real-time anomaly detection, allowing you to investigate and take action against potential ransomware attacks.

Specifications

Support Sources	<ul style="list-style-type: none"> • MongoDB, Cassandra, CouchbaseDB, Hbase, Apache, Cloudera and Hortonworks
Use-Case Support	<ul style="list-style-type: none"> • Backup & Recovery • Disaster Recovery • Test/Dev (including masking and sampling) • Database migration • Cloud migration • Data archivall
Backup and Recovery Granularity	<ul style="list-style-type: none"> • Flexible from complete database to table level backup • Incremental forever backups • Granular, any-point-in-time recovery • Incremental restore for fast test/dev refresh
Storage Optimization	<ul style="list-style-type: none"> • Data-aware deduplication • Advanced compression • Erasure coding
Public Cloud Integration	<ul style="list-style-type: none"> • Runs on AWS EC2, supports AWS S3 and Glacier storage • Runs on Azure, supports Azure blob storage • Runs on Google Cloud Platform
Architecture	<ul style="list-style-type: none"> • Scale-out limitlessly from minimum three nodes
Flexible Deployment	<ul style="list-style-type: none"> • Software-defined solution for on-premises, public and private clouds
Automation	<ul style="list-style-type: none"> • API-first architecture • RESTful API • Policy engine automates complex data management tasks including backup, recovery, DR, test/dev, and archiving • Automated retention management
Security	<ul style="list-style-type: none"> • Integrated with Active Directory, LDAP, and Kerberos • Data is encrypted in flight and at rest • Consistent, irreversible masking of PII data for test/dev use case • Customizable role-based access control

Simplify and modernize your distributed database data management with Imanis Data. Learn more at: <https://www.cohesity.com/products/imanis-data/>