Highly Scalable Data Management for MongoDB

MongoDB is one of the pioneers in the non-relational or NoSQL databases. With a vibrant developer community, companies worldwide have deployed MongoDB as a critical infrastructure component for applications ranging from profile management to content management across a broad spectrum of industries.

The rapid growth and reliance on MongoDB makes it more critical to manage and protect the data as an 'always-on' business asset. However, the common misconception that maintaining multiple distributed replicas will somehow prevent data loss cannot be further away from reality. Platform tools or homegrown solutions cannot handle the large volume of data or protect against data loss due to application corruption, ransomware, and human errors. Enterprises need an intelligent data management platform to effectively and quickly manage and protect the data.
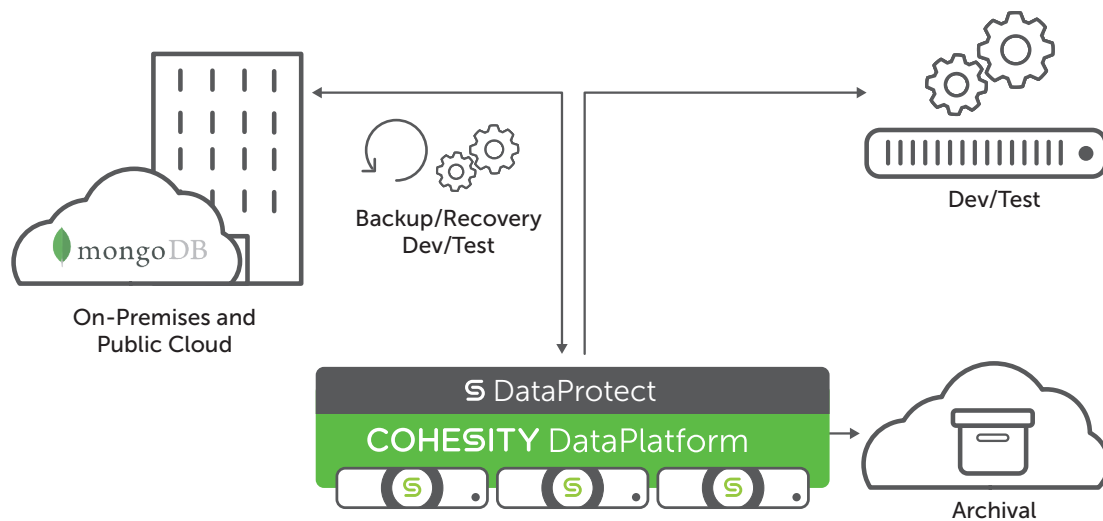
Cohesity DataPlatform uniquely provides freedom of choice, broad compatibility, stress-free management, integrated security, the ability to search an entire geographic enterprise, and optimized TCO.

Modern Protection for Modern Workloads

Cohesity provides the industry's fastest data management software to handle massive data sets - terabytes, petabytes and beyond - residing on modern data platforms such as MongoDB, Couchbase, Cassandra, Datastax Enterprise (DSE), and Hadoop HBase/Hive/HDFS. Cohesity ensures data resiliency in the event of disasters or corruption, enabling companies to get back online faster. Cohesity backs up, clones, and recovers terabyte and petabyte-sized data sets and beyond faster than any other solution on the market, minimizing the impact of data loss associated with human and application errors and reducing downtime to minutes and hours, as opposed to days and weeks. The software offers extreme scale, rapid recovery, and smart storage optimization. Cohesity is being used by leading Fortune 500 businesses in the retail, financial services and healthcare industries.

KEY BENEFITS

- *Enterprise-class data management and protection*
- *Rapid recovery*
- *Limitless scalability for petabytes and beyond*
- *Make backup data productive for dev/test*
- *Reduce data footprint with Content-aware storage optimization*

Key Features

- **Extremely Scalable** uses a scale-out architecture that can support a few terabytes to petabytes of data.

- **Rapid Recovery** leverages the scale-out architecture, fully materialized restore points so enterprises can quickly locate the backed up data and restore rapidly.

- **Flexible Backup and Recovery** allows backup and recovery of individual documents, collections, or the whole database to the original or alternate location of a different size or configuration.

- **Cloud Native architecture** supports deployment on various leading cloud platforms, including AWS, Azure, and Google Cloud.

- **Enterprise-class solution** including key security capabilities (Kerberos, LDAP integration, RBAC, encryption, masking), auditing, alerting, high availability with erasure coding, and call- home technologies.

- **Content-aware Storage Optimization** with compression, de-duplication, and erasure coding, saving significant resources and cost.

- **Network Efficient** reduces network costs by employing techniques such as throttling, incremental-forever transfers, and compression.

- **Heterogeneous Backup** enables backup of multiple databases using a single user interface

- **Consolidate Backup & Cloning** for simple data management on a single platform.