



Data Protection for DataStax Enterprise with Rubrik Security Cloud

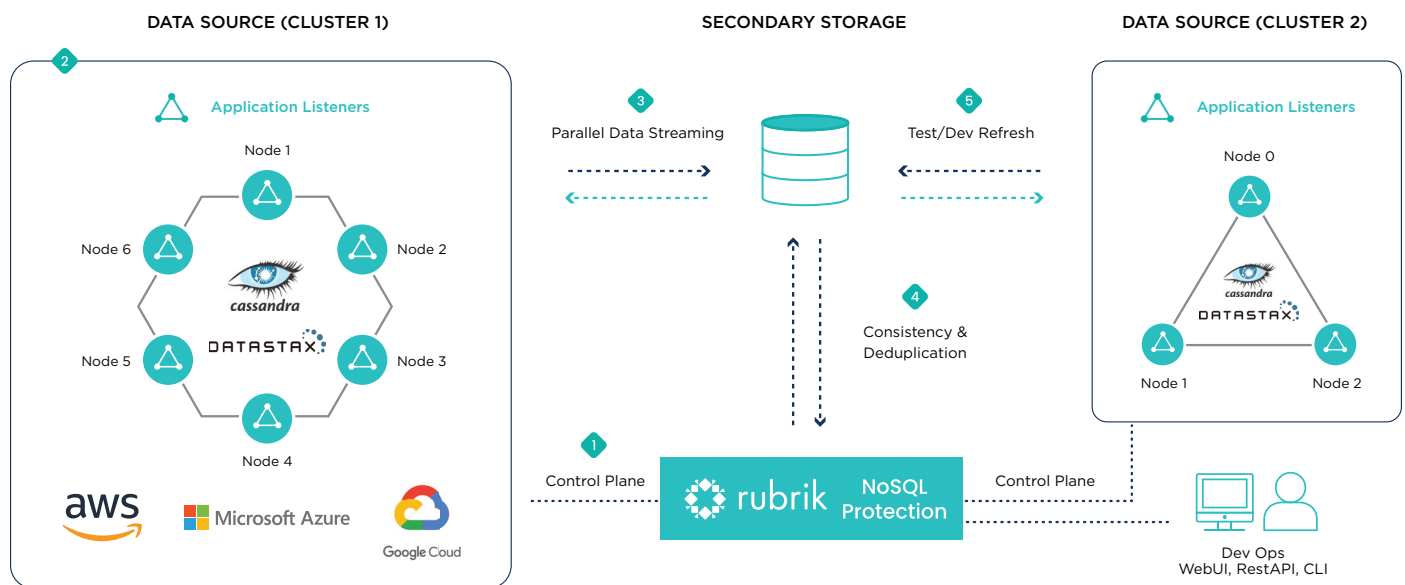
RUBRIK NoSQL PROTECTION OVERVIEW

Rubrik NoSQL protection is an application-centric data protection software that provides backup and recovery for NoSQL, non-relational enterprise database systems such as Apache Cassandra, DataStax Enterprise, and MongoDB. Rubrik delivers scalable versioning, one-click recovery, and the industry's first semantic deduplication, reducing storage costs in the cloud or on-premises. Rubrik includes any point-in-time backup and orchestrated recovery to safeguard against logical and human errors, malicious data corruption, application schema corruption, and other software errors.

DATASTAX ENTERPRISE OVERVIEW

DataStax Enterprise (DSE), built on Apache Cassandra™, powers next-gen applications in order for enterprises to respond faster to the market and deliver differentiated services. DataStax Enterprise is the leading distributed database choice for online applications that require fast performance with no downtime. Enterprise benefit from DataStax Enterprise's in-memory computing, enterprise-level security, integrated analytics, enterprise search, visual management, and expert support.

RUBRIK REFERENCE ARCHITECTURE FOR DATASTAX



Rubrik does not store your data but sends data directly from the source clusters to the backup target, such as NFS, AWS S3, or S3-compatible private object storage (e.g. EMC ECS, Cloudian, and Scality). Rubrik delivers application-consistent backups and semantic deduplication with a policy-driven approach.

KEY BENEFITS

Faster Recovery with Application Consistent Backups	As enterprises adopt cloud-first and hybrid cloud policies, their applications and data are increasingly fragmented across multiple data centers and clouds. To withstand cyber attacks like Ransomware, organizations need a single software platform to protect and recover their data across on-premises to cloud. Rubrik delivers local backup of geo-distributed applications, enabling local data center recovery for faster RTOs with any-to-any topology recovery.
Data Mobility and Test/Dev with Orchestrated and Queryable Recovery	As enterprises face significant data explosion, enterprises struggle to deliver faster RTOs while achieving business agility and adhering to mandatory security imperatives, such as GDPR. At the same time, enterprises are building customer-centric applications that span hundreds of tables with hundreds of TB's of data with change rates approaching 300%. To address this new class of recovery requirements, Rubrik delivers advanced features including queryable recovery enabling fast, sub-table level recovery as well as incremental and streaming recovery. As a result, enterprises significantly reduce recovery times down to minutes, minimize storage requirements for large-scale restore operations, and accelerate test/dev by streaming only what is needed to a topology that makes sense.
Hard Savings with Industry-first Semantic Deduplication	Rubrik delivers industry-first semantic deduplication to greatly reduce storage costs of distributed databases over their retention period. These space-efficient backups dramatically reduce the overall storage footprint resulting in reduction in backup storage.
Secure Protection with Enterprise-Grade Security	Rubrik is experiencing massive adoption in large enterprises across industries, including retail, eCommerce, financial services, and healthcare—all of which have stringent security requirements. Rubrik is the pioneer in Zero Trust Data Security and was designed to secure your data no matter where it lives.

CONCLUSION

Rubrik delivers enterprise-grade data protection purpose-built for next-gen applications built on DataStax Enterprises. Benefits include:

- Minimize application downtime through application consistent point-in-time backups by removing database repairs post recovery operations
- Reduce secondary storage costs up to 80% using industry-first semantic deduplication
- Fault-tolerant and elastic performance via a highly available software platform
- Operational efficiency through fully orchestrated and queryable recovery
- Lightweight deployment in any form factor across on-premises to public cloud



Global HQ

3495 Deer Creek Road
Palo Alto, CA 94304
United States

1-844-4RUBRIK
inquiries@rubrik.com
www.rubrik.com

Rubrik is on a mission to secure the world's data. With Zero Trust Data Security™, we help organizations achieve business resilience against cyberattacks, malicious insiders, and operational disruptions. Rubrik Security Cloud, powered by machine learning, secures data across enterprise, cloud, and SaaS applications. We help organizations uphold data integrity, deliver data availability that withstands adverse conditions, continuously monitor data risks and threats, and restore businesses with their data when infrastructure is attacked.

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