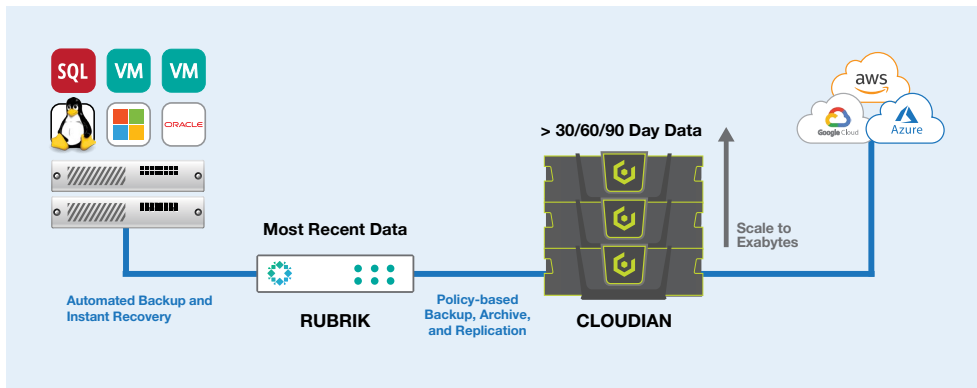**CLOUDIAN**®

Rubrik and Cloudian Simplify Data Protection with On-Prem S3 Compatible Cloud Storage

Together, Rubrik and Cloudian® simplify how enterprises manage backup and long-term data retention in hybrid cloud environments. Rubrik delivers a secure and intelligent on-ramp to Cloudian HyperStore®, a cost-effective on-premises storage system managed behind your firewall. Together, this high value solution makes it easy and highly economical for organizations to meet their data protection needs.

Cloudian serves as an on-premises backup, replication, and archival target for Rubrik backup processes. Policy-based tiering to the public cloud provides capacity expansion and offsite storage for disaster recovery.

The Challenge

Managing data growth outside of the primary storage repository has become increasingly complex due to legacy architecture. Data centers are strapped with outdated hardware and software solutions. The need for an affordable and effective approach to data life cycle and storage management has never been greater. IT organizations also must ensure that data moving across data centers and to the cloud is simple, seamless, and secure.

Next-Gen Data Protection

Rubrik eliminates the complexity of legacy enterprise backup and disaster recovery. It collapses backup software, catalog management, replication, and deduplicated storage into a single appliance that scales linearly.

Deduplication and other data services scale in-line with the cluster to maximize efficiency and savings. It delivers near-zero recovery times without rehydration to primary systems and global file search for instant data access.

Cloudian for Rubrik Capacity Expansion

Cloudian HyperStore is scale-out storage that provides cost-effective capacity expansion for the Rubrik system. Available as an appliance or as software, Cloudian HyperStore is fully compatible with the cloud connector offered by Rubrik.

Simple Integration

Rubrik allows IT to easily automate backup, replication, and archive to Cloudian HyperStore by using its policy-based engine. No additional software installations or plugins are needed to connect Rubrik with Cloudian. Rubrik sends deduplicated data to Cloudian, reducing data transfer and storage costs. With Cloudian, enterprises can also

BACKUP CHALLENGE
- Growing capacity requirements
- Offsite backup or DR adds significant cost and/or logistical issues
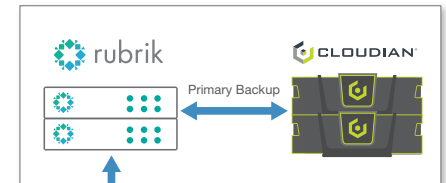- Multi-cloud capability

CLOUDIAN / RUBRIK SOLUTION
- Hybrid cloud backup and archive
- Secondary backup target

FEATURES & BENEFITS
- Plug-and-play backup target
- Proven in Rubrik environments
- Highly economical
- Petabyte-scalable storage
- Unified view and control of data, across locations
- Automated tiering to public cloud
- Costs under $.01 per GB per month, including support

Secondary Backup Target
With reduced hardware costs and the elimination of replication licenses, Cloudian provides substantial savings as a secondary backup target for disaster recovery.

rubrik

Rubrik Cloud Data Management delivers automated backup, instant recovery, offsite replication, and data archival in a simple, scale-out appliance built for hybrid cloud.

leverage cloud storage as an additional resource tier or as a secondary offsite location for disaster recovery.

Customizable Data Protection Levels

By combining Rubrik with Cloudian HyperStore storage policies, users can store data in geographically separated regions or data centers. HyperStore also provides the capability of assigning different storage policies on a per bucket basis. For data protection, data can be stored using either replication or erasure coding.

Replication results in greater performance, but less storage capacity. Erasure code provides the most cost-effective way to store data because the data is stored in smaller chunks across the cluster. Cloudian HyperStore supports multiple compression algorithms that compress objects on the storage side to save space.

Cloudian HyperStore Solution and Benefits

Cloudian HyperStore is a fully S3 API compliant, multi-tenant, multi-data center hybrid cloud storage system. You can cost-effectively deploy HyperStore as software to be implemented atop your existing storage infrastructure, or as a fully integrated rack-ready appliance.

Both deployment options deliver multi-data center storage with unlimited scale, optional data tiering to any S3 cloud, and support for all S3 ecosystem applications. HyperStore is designed for simplicity and durability for easy day-to-day operations.