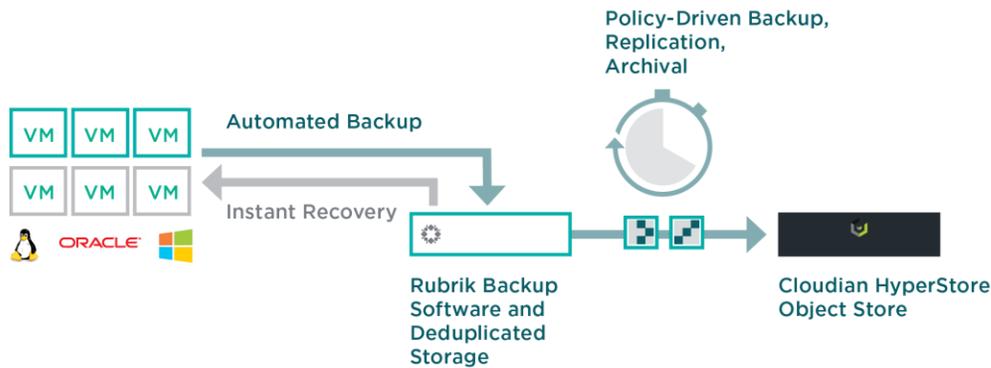


SOLUTION BRIEF

Rubrik & Clouidian HyperStore Simplify Data Protection with On-Site Amazon S3-Compliant Cloud Storage



Solution Overview

Together, **Rubrik** and **Clouidian** simplify how enterprises manage backup and long-term data retention in hybrid cloud environments. Rubrik delivers a secure and intelligent on-ramp to Clouidian HyperStore, a low-cost, secure 100% on-premises cloud storage managed behind the customers' firewall.

The Challenge

Managing data growth outside of the primary storage repository has become increasingly complex due to legacy architecture. Datacenters are strapped with outdated hardware and software solutions.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 datacenters 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.

Amazon S3-Compliant Cloud Storage

Clouidian HyperStore[®] is a scale-out object storage system designed to meet IT's need for large, secure, highly resilient, and flexible storage infrastructure at a low cost to store, protect and move data to and from the cloud or on-premises with ease, yet make the management aspect as well as usability as simple as ever. It is a software-defined storage (SDS) platform which runs on any commodity hardware, standard Linux servers (physical or virtualized) and 100% fully-compatible with Amazon S3's HTTP REST APIs.

Rubrik allows IT to easily automate backup, replication, and archival (to Clouidian HyperStore) by using its policy-based engine. No additional software installations or plugins are needed to connect Rubrik with HyperStore. Rubrik sends deduplicated data to HyperStore, reducing data transfer and storage costs. IT can manage cloud storage for backup and recovery with the same ease as on-site storage, but with lower costs. Enterprises can now leverage Amazon S3-compliant cloud storage as a new resource tier or as a secondary off-site location for disaster recovery.

Key Benefits:

- Management Simplicity
- Deployment Flexibility
- Reduced Datacenter Footprint
- Low Cost and Large Capacity
- Scale on Demand
- Geographic Data Distribution
- No Single Point of Failure
- API-First Architecture
- Multi-Region Support
- Replicated or Erasure Coded



100% S3 Compatibility for All Apps

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HyperStore Software Enterprise-Scale. Unprecedented Efficiency.



Natively S3



Hybrid Storage Cloud



Extreme Durability



Multi-Tenant



Geo-Distribution



Intelligence in Software



Scale out



Smart Support



Billing & Reporting



Data Protection



Quality of Service



Programmable

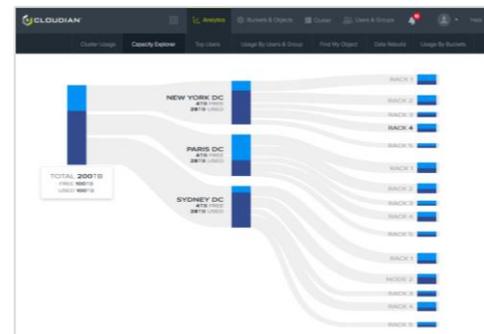
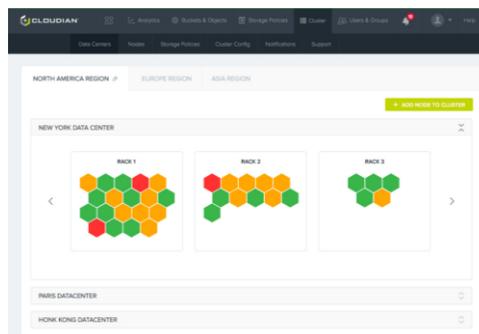
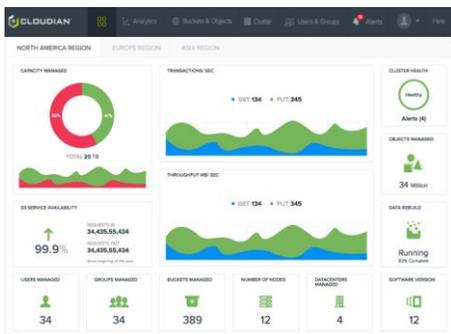
Customizable Data Protection Levels

By combining Rubrik with Cloudian HyperStore bucket storage policies, users can store data in geographically separated regions or data centers. Cloudian HyperStore also provides the capability of assigning different storage policies on a per bucket basis. Cloudian HyperStore data can be stored in erasure code or a replicated format.

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 compresses objects on the storage side to save space. Choosing the right storage type depends on your storage size and needs. For example, if the backup content stored on the cluster is meant for archiving and not accessed frequently, erasure code is the best choice. If the backup content requires the greatest performance and replication size is not a factor, replication is the best choice.

Cloudian HyperStore Solution and Benefits

Cloudian HyperStore software is a fully S3 API compliant, multi-tenant, multi- datacenter hybrid cloud storage software. Enterprises use Cloudian HyperStore software to deploy private and/or hybrid clouds. You can 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 no constraints on data size, unlimited scale, optional data tiering to any S3 cloud, and support for all S3 ecosystem applications. HyperStore is designed for simplicity and durability at scale for easy day to day operations (See screenshots of Cloudian Management console).



ABOUT CLOUDIAN HYPERSTORE SMART DATA PLATFORM

Smart Storage Operations: Operate at webscale with maximum flexibility and control. Smart management of all operations from a single console with less time and effort.

Smart Storage Platform: HyperStore Software Defined Storage and Appliances dynamically scale as your data grows. Providing extreme resiliency, durability and very low cost.

Smart Storage Analytics: Stores and analyzes in the same platform. HyperStore Storage provides In-built storage analytics, Hadoop analytics and Metadata tagging to store Information and not just data.

ABOUT CLOUDIAN

Cloudian is a Silicon Valley-based software company specializing in enterprise-grade storage. Its flagship product, Cloudian HyperStore®, is an S3 compatible storage platform that enables service providers and enterprises to build reliable, affordable and scalable hybrid cloud storage solutions. For more information, visit <http://www.cloudian.com>

ABOUT RUBRIK

Rubrik provides the industry's first Converged Data Management appliance, delivering automated backup, instant recovery, unlimited replication, and data archival at infinite scale. Rubrik has been named to Gartner's Cool Vendors in Storage Technologies, 2016. For more information, visit <http://www.rubrik.com>