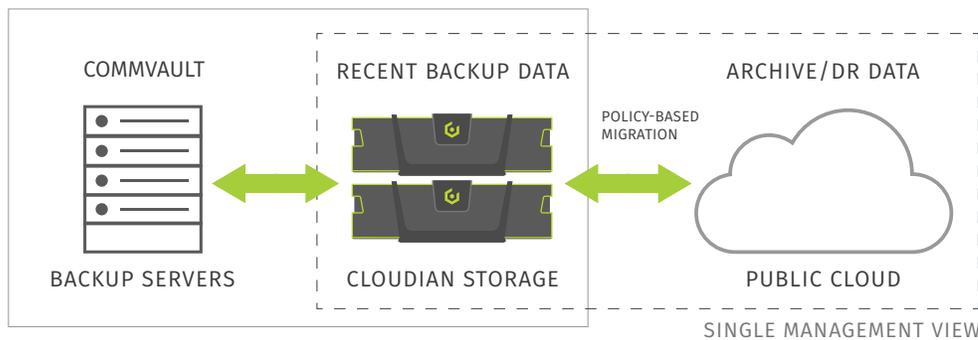


Commvault and Cloudian Simplify Data Protection with Amazon S3-Compliant Storage

Cloudian HyperStore® provides a fast, on-premises, disk-based backup target that seamlessly integrates with existing Commvault solutions. For long-term archive, Cloudian can migrate older data to the public cloud—Amazon S3, Google Cloud Platform, and other S3-compatible services. This minimizes on-site disk costs while ensuring that a DR copy is maintained offsite. For secondary backup applications, Cloudian can also be used as a backup target at remote DR sites.

DATA CENTER



Hybrid Cloud Backup and Archive

This solution combines a high-performance on-premises backup target and policy-based migration to the cloud for archive and disaster recovery.

Predictable Performance and Data Protection

Commvault delivers reliable backup and recovery across applications, platforms, and virtual environments. A single console unites the management and reporting of both on-premises and cloud information to provide additional operating efficiencies and simplified administration.

Commvault offers seamless integration with Cloudian HyperStore straight out of the box without additional software. Integrated cloud storage connectors enable backup to Cloudian as simply as backup to the cloud. With data ingress throughput up to 18TB per hour (16 nodes) or more, Cloudian offers the performance and predictability you need to ensure that backup jobs complete on time.

To economize on storage capacity, Cloudian offers multiple compression algorithms that compress objects on the storage side. Data deduplication options are available as well.

Multiple Offsite Storage Options

For archive and DR storage, Cloudian enables multiple options. Policy-based tiering to the cloud lets you automatically migrate older data to any S3-compatible public cloud storage for long-term archive. Cloudian also offers data replication among distributed nodes. By locating nodes at geographically separated regions or data centers, you can automatically maintain complete data sets at remote locations.

Data protection is configurable at a granular level, letting you optimize storage configurations for different applications or data types.

Secondary Backup/DR Target

If your requirements only include offsite storage for DR, Cloudian can act as a remotely located target. To the Commvault software, Cloudian appears as cloud storage. This provides a cost-effective disk-based solution for data that must remain under your control for compliance

BACKUP CHALLENGES

- Growing backup capacity requirements
- Offsite backup or DR adds significant cost and/or logistical issues

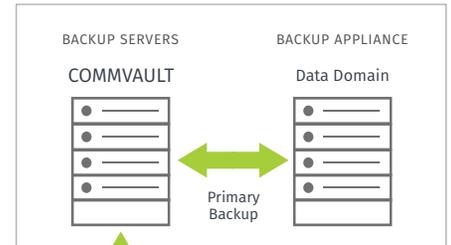
CLOUDIAN SOLUTIONS

- Hybrid cloud backup and archive
- Secondary backup/DR target

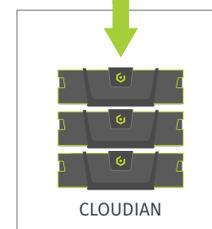
FEATURES & BENEFITS

- Plug-and-play backup target
- Proven in Commvault environments
- Petabyte-scalable storage
- Scalable throughput (>18 TB/hr with 16 nodes)
- Automated tiering to public cloud
- Costs under \$.01 per GB per month, including support
- Target deduplication (optional)

PRIMARY DATA CENTER



DR Copy



DR SITE

Secondary Backup/DR Target

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



Commvault data protection and information management solutions provide mid- and enterprise-level organizations worldwide with a significantly better way to get value from their data.

or data governance reasons. With built-in connectivity via the Amazon S3 API, Cloudian integrates as easily as connecting to the public cloud.

Target Deduplication

If target deduplication is desired, Cloudian offers optional software which can achieve backup data reduction ratios of 30:1 or more. The deduplication software runs on industry-standard servers. For archive or DR applications, the deduplication solution can be co-located with the backup servers, thus minimizing the traffic over the remote link.

Cloudian HyperStore Solution and Benefits

Cloudian HyperStore is a fully Amazon S3 API compliant, multi-tenant, multi-data center hybrid cloud storage system. 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 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.

ABOUT COMMVAULT

Commvault's data protection and information management solutions provide mid- and enterprise-level organizations worldwide with a significantly better way to get value from their data. Commvault can help companies protect, access and use all of their data, anywhere and anytime, turning data into a powerful strategic asset. Founded in 1996, Commvault is publicly traded (NASDAQ: CVLT) and headquartered in Tinton Falls, New Jersey.

Visit www.commvault.com/

ABOUT CLOUDIAN

Cloudian is a Silicon Valley-based storage company specializing in enterprise-grade object 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.

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