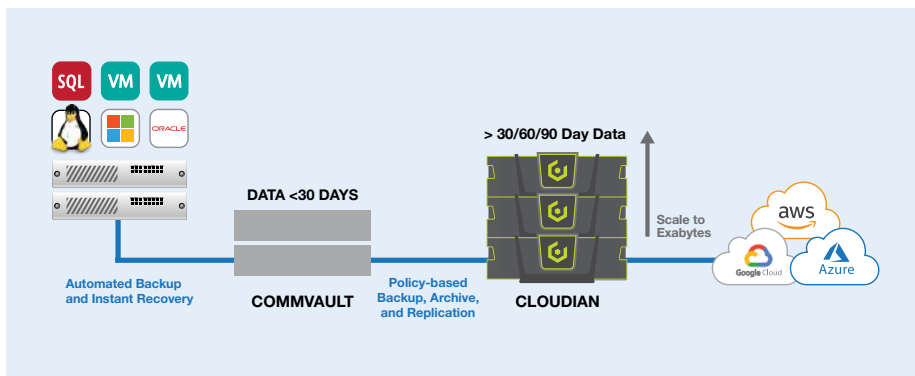


Commvault and Clodian Simplify Data Protection

Commvault integrates seamlessly with Clodian HyperStore to provide a fast, on-premises, limitlessly-scalable backup target. This is essential to accelerate and achieve critical RTO and RPO SLAs. Instead of having to restore large datasets from the cloud, Clodian's fast access is done in just minutes.

If an offsite copy is needed for DR, Clodian can replicate data to the public cloud— Amazon S3, Google Cloud Platform, Microsoft Azure, and other S3-compatible services, with no additional software. This minimizes on-site costs while ensuring that a DR copy is maintained offsite. For secondary backup applications, Clodian can also be used as a backup target at remote DR sites.



Hybrid Cloud Backup and Archive Solution

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

To economise on storage capacity, Clodian 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, Clodian enables multiple options. Policy-based tiering to the cloud lets you automatically migrate data to any S3-compatible public cloud storage for disaster recovery and long-term archive. Clodian 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 optimise storage configurations for different applications or data types using erasure coding and replication options.

Secondary Backup/DR Target

If your requirements only include offsite storage for DR, Clodian can act as a remotely located target. To the Commvault software, Clodian appears as cloud storage. This

BACKUP CHALLENGES

- Difficult to meet RTO/RPO objectives
- Restore from cloud can take days
- Backup jobs exceeding window
- Exploding growth of data
- High cost of backup appliances
- Offsite backup or DR adds significant cost and/or logistical issues

CLUDIANT HYPERSTORE

- Hybrid cloud backup and archive
- Secondary backup target

FEATURES & BENEFITS

- Limitlessly scalable storage
- Scalable throughput (>18 TB/hr with 16 nodes)
- Policy-based tiering to public cloud
- Costs under \$.01 per GB per mo, including support
- Flexible data protection options with erasure coding and replication
- Target deduplication (optional)
- Metadata tagging for intelligent search and analytics
- Deploy quickly and reduce risks
- Cost-effective
- Simplified management with a single global namespace across all locations.
- Backup physical and virtual environments
- Recover VMs across hypervisors and cloud platforms
- Single architecture across all locations



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

provides a cost-effective disk-based solution for data that must remain under your control for compliance 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 minimising the traffic over the remote link.

Cloudian HyperStore Solution and Benefits

Cloudian HyperStore is a fully 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.

Commvault Software

Commvault software helps you manage your data with protection options across all locations. Its integrated application protection helps ensure consistency and rapid application recovery, including virtual machines.

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