



Better Backup With the Software You Already Have

Eight ways hybrid cloud from Cloudian makes backup better.

THE NEW BACKUP TARGET: HYBRID CLOUD

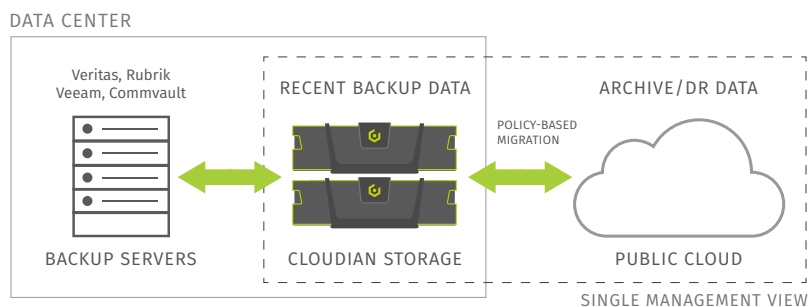
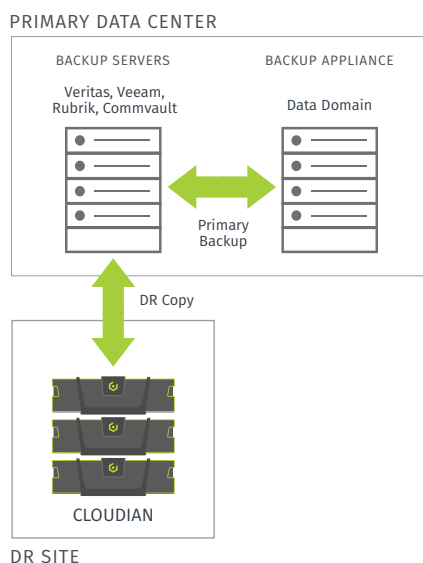
Hybrid cloud as a target gives you a faster, more reliable, lower cost process — free of capacity constraints. It works right now with the software you already know. And you can get started at zero upfront cost.

How the Hybrid Cloud Helps

Hybrid cloud integrates an on-premises disk-based target with a cloud-based target. Both the on-prem storage and cloud storage use the same interface and are managed as a single storage pool.

Their respective functions are:

- **On-prem target:** Fast disk-backup. Provides predictable backup time; ensures immediate access for RTO/RPO SLAs. Remote site DR target provides cost-effective replication for data protection.
- **Public cloud target:** DR repository; low-cost and offsite, it provides the ideal long-term archive, plus overflow capacity for limitless scalability



Works with Your Existing Backup Software

Backup procedures are proven through years of development. And you know well the software you have. The hybrid cloud approach leverages all of that investment and learning by preserving your existing processes.

To the backup software, the hybrid cloud appears exactly as cloud storage. (Connectors to Amazon S3 and other services are now available with most popular backup software.)

With hybrid cloud, that connector is simply directed at the on-prem storage. The on-prem storage then connects to the cloud. The two are managed as a single, limitlessly scalable storage pool.

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Cloudian is the on-prem storage node in a hybrid storage configuration. It features the industry's highest level of S3 compatibility, ensuring full interoperability with Veeam, Veritas, Commvault, and Rubrik.

The difference with Cloudian vs cloud alone is that all recent backups are stored locally for quick recovery when needed. Policy-based migration then allows older snapshots to be migrated to the public cloud. This frees up local capacity, and also provides an offsite copy for DR use.



For more information, read the [Backup Solutions Brief](#) or this [Veritas Configuration Guide](#)

Contact Cloudian today.
info@cloudian.com

1 PERFORMANCE TO HANDLE THE LARGEST ENVIRONMENTS

Cloudian scales to petabytes with a scaling model that grows in both capacity and bandwidth. Predictable backup windows result from Cloudian's high streaming bandwidth: Writes in excess of 5000 MB/s can be achieved, or 18TB per hour.

2 PETABYTE-SCALABLE

You can start small with just three nodes, and scale to petabytes simply by adding nodes. Scaling is seamless and does not require downtime.

3 70% LESS COST THAN CONVENTIONAL DISK

Built on industry-standard hardware, Cloudian drives down the cost of on-prem, disk-based storage to 1¢/GB/month or less, depending on capacity.

4 MANAGE ONE DATA POOL

Cloudian maintains data in a single pool across all nodes. You get one-to-many auto-replication, enhancing data durability. No need to juggle what's "active" or "passive," create complex policies and snapshot management techniques, or track which sites are replicating to where.

5 DISTRIBUTED ARCHITECTURE FOR GLOBAL DATA PROTECTION

Enterprises struggle to manage backup at remote offices. With Cloudian, clustered nodes can be deployed globally and interconnected, thus allowing data to be automatically replicated across sites. Because the nodes form a single namespace, you can implement policy-based data migration to the cloud for DR purposes. You get global data protection with fast local recovery, all managed from a single location.

6 DEPLOY AS APPLIANCES, OR ON YOUR OWN SERVERS

Cloudian is built on industry-standard hardware. You have the flexibility to buy either pre-configured, fully supported appliances, or software for installation on the servers you choose. Either way, you benefit from the value of commodity hardware.

7 DROP-IN INTEGRATION

Cloudian can be immediately integrated with backup software packages that support cloud storage, including Veritas NetBackup, Veritas Backup Exec, Commvault Simpana and Rubrik. Cloudian is viewed exactly as cloud storage for both backup and recovery. For information that has been migrated to the cloud, Cloudian transparently retrieves that data and presents it to the media server.

8 START SMALL, EVEN AT ZERO UPFRONT COST

Contact Cloudian to get started. We can even show you options that get you started at zero upfront cost, with Cloudian from the Amazon Marketplace.