

# Private and hybrid cloud virtualization storage

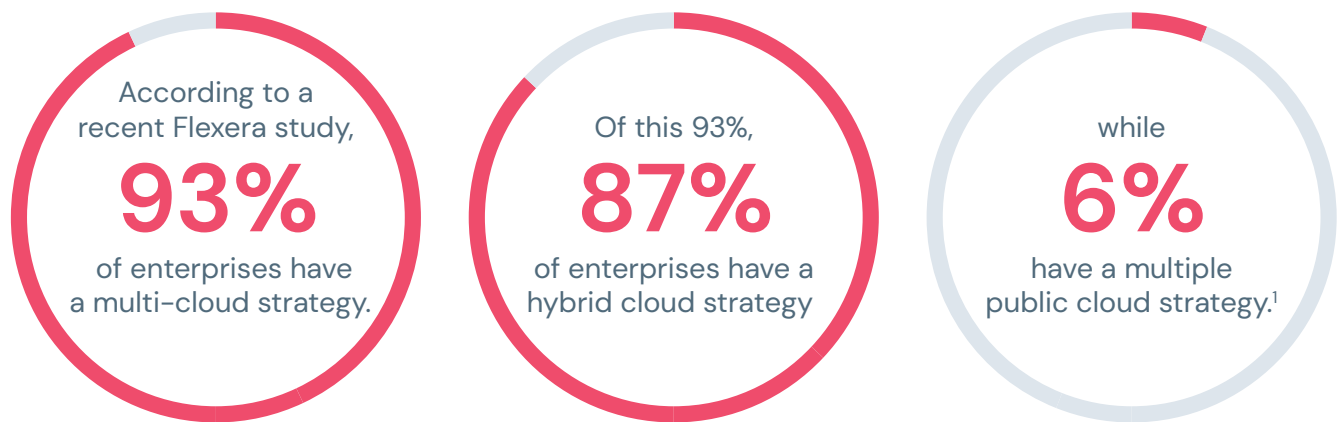
Commvault® Distributed Storage provides a predictable, resilient, and simple storage solution for your private and hybrid cloud virtualized environment.

## A constantly evolving multi-cloud future

Virtualization across private and hybrid clouds presents a unique set of challenges for storage, including the need to support multiple application types, deliver seamless VM movement/migration (on-premises to cloud and back), and ensure availability across sites. It also requires a level of programmability to streamline provisioning and lifecycle management.

Enterprises need to consider new methods to evolve their infrastructure to compete in this private and hybrid cloud world, and leverage a modern infrastructure to manage their workloads in a more dynamic environment.

### Multi-cloud adoption is increasing.



## Navigating the migration

Today's modern environments demand virtual workloads run across both on-premises and cloud environments. This requires storage that is portable and flexible. Software-defined storage (SDS) promises a more predictable and simple approach to scale your IT Infrastructure, but only if you can address the inherent challenges in migrating from traditional storage:

- **Location transparency** (enable data portability and availability across locations)
- **Hybrid cloud data availability across domains** (seamlessly access data across clouds)
- **Data fragmentation** (consolidate storage technologies into a single solution that provides multi-protocol, multi-site capabilities)

<sup>1</sup> Flexera 2020 State of the Cloud Report

## Commvault® Distributed Storage: The future of hybrid and private cloud virtualization storage

Most organizations overpay for hardware because they are “locked-in” to proprietary requirements imposed by their various vendors. These requirements limit the organization’s agility and consume money that is better used for other initiatives.

Commvault Distributed Storage delivers on the challenges of private and hybrid cloud virtualization storage with hypervisor-aware virtual machine (VM) storage throughout the entire VM lifecycle, from provisioning to end of life.

Commvault ensures performance and availability while delivering a simple, scalable and secure solution on less expensive industry-standard servers. It also integrates with workflow and orchestration engines to allow for no-touch provisioning and hypervisor-aware storage throughout the entire VM lifecycle.

### Real savings. Real results.

With Commvault, enterprises can reduce the time spent provisioning storage by over 75% vs. traditional solutions, manage 4x as much storage, and reduce storage costs as much as 60% vs. proprietary storage.<sup>2</sup>

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Case study: Pittsburg State University increased their resiliency and delivered a payback on their investment in <13 months. [Read >](#)

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Put simply, Commvault Distributed Storage is:

#### Predictable

A pay as-you-go model with predictable performance and costs which eliminates massive downtime for upgrades or additions as you build out your private and hybrid cloud virtualized environment.

#### Resilient

Hedvig Improves availability across on-premises and private/hybrid clouds to ensure availability and quick recovery in the event of an on-premises or private cloud outage. It also provides fault tolerance against any infrastructure failure, including a single disk, node, or site.

#### Simple

With Commvault, you can eliminate multiple data silos across different storage architectures, simplifying your entire ecosystem, and making locating data faster and easier. You can also consolidate management tools across your environment, and easily move applications from on-premises to cloud and back to support hybrid cloud environments.

### Summary

Commvault Distributed Storage provides an elastic storage solution for private and hybrid cloud virtualized storage environments that runs on industry standard servers. With support for block, file, and object storage protocols, you can eliminate storage silos and proprietary hardware as you refresh your storage hardware. With Commvault, you get a truly programmable infrastructure that meets your future needs.

<sup>2</sup> A Forrester Total Economic Impact™ Study Commissioned by Hedvig, December 2017

To learn more, visit [commvault.com/software-defined-storage](https://commvault.com/software-defined-storage) >