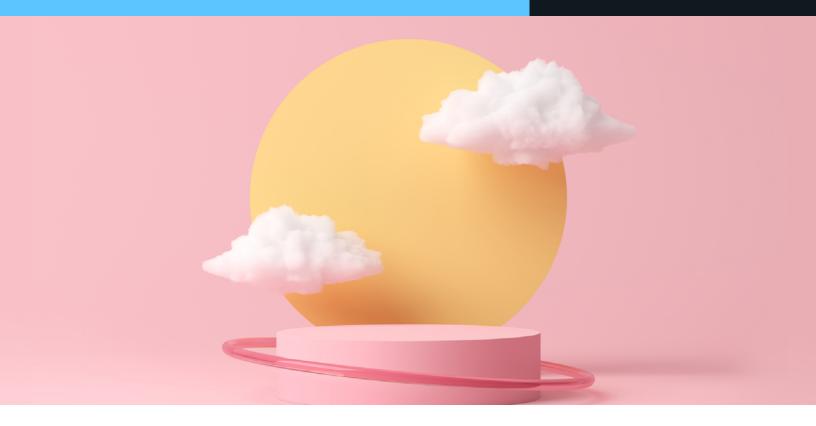# Manage data growth and governance challenges with Commvault software and NetApp StorageGRID

∩ NetApp

COMMVAULT® ⬡

Protect your critical backup data.

Many organizations are looking to cloud-scale their storage systems and policy automation for the long-term retention of data. Commvault® software and NetApp StorageGRID offer unique, easy-to-use solutions to help you meet the demands of rapid data growth and increasing regulations around the world. Combining technologies from these two industry leaders alleviates the complexity of managing data governance at scale, while providing high performance and secure self-service access to your data for multiple job roles and use cases.

Modern management of rapid data growth

Data growth is a consequence of the power of modern business tools. With technologies such as the Internet of Things creating new data types, and with workloads such as Artificial Intelligence coming online, data growth is a challenge that every organization must deal with. Growth in primary data – unstructured and application data – means growth in availability and backup copies as well. Traditional methods for managing this data and its long-term retention, such as tape, don't meet today's need for cost-effective scalability, resilience, and performance.

Two powerful solutions, one StorageGRID

Commvault offers two solutions that are integrated with StorageGRID, each filling two very pressing business needs. The solutions work independently of each other, but when used together they form a powerful data management platform that makes a fundamental shift in how your organization can use, control, and govern your data.

Commvault Complete™ Backup & Recovery

provides cloud-native data protection and disaster recovery (DR) for your entire enterprise, including efficiently managing backup retention on StorageGRID. It also includes a file archiving capability, which helps you to deal with data growth at the source. In addition to freeing up your primary storage, file archiving can also reduce DR and cloud billing costs.

Commvault Activate™ allows organizations to search and profile data across NetApp and third-party storage arrays, the cloud, and Commvault backup and archive stores. Commvault Activate is also a compliance archive solution for semistructured data repositories such as Microsoft Exchange and SharePoint, and for cloud sources, such as Office 365. Commvault Activate helps organizations

manage processes for privacy regulations such as CCPA and GDPR. And it turns Commvault backups into a data lake that can be refined or mined for data insights, using the power of its highly scalable dynamic index.

NetApp StorageGRID is a software-defined object storage platform designed to provide simple, cloudlike storage that Commvault software accesses using the S3 protocol. StorageGRID automated and flexible data management policies allow IT administrators to make crucial decisions about data protection as business requirements change. As an example, you can create a data management policy to keep data for x number of days and then transition to cheaper storage after it has reached the specified retention date.

StorageGRID also supports the S3 object lock immutability API, which you can use to protect objects from ransomware and accidental deletion. With StorageGRID and Commvault you can use this API to make your backups secure for a specified retention period.

Commvault Complete™ Backup & Recovery

| SnapShots | VM and data backups | File archive | Application data |

StorageGRID®

Commvault Activate™

| Compliance archive | 4D index | Data analytics | Governance search and profiling |

Advantages of using Commvault with StorageGRID

Benefit	Commvault Complete Backup & Recovery	Commvault Activate
Control data growth	Simplified policy-based management of backup retention from a single console; automated file archiving from primary sources, including NAS and multiple operating systems and VM types.	Profiles and indexes data, enabling you to manage redundant, obsolete, or trivial (ROT) data with policy-based remediation and workflows based on content.
Meet recovery SLAs and regulatory deadlines	Uses built-in AI to analyze your recovery SLA requirements; automatically arranges backup collection methods and schedules to meet your recovery goals.	Provides visibility of data so that protection and recovery policies match data criticality. In the event of a data breach, helps you to understand the degree of the breach so that you can meet disclosure obligations.
Support for technology ecosystems	Supports the snapshot engines of more than 350 arrays, 15 hypervisors, more than 24 enterprise applications, 5 public clouds, and more than 65 cloud storage options.	Supports a wide range of operating systems, applications, and cloud and SaaS applications from providers such as Microsoft, Google, SFDC, and more.
Disaster recovery	Supports DR to meet recovery SLAs of just a few minutes, even in the cloud. Enables VMs to be booted inside the backup store for access before and during recovery. Cloud native and includes region-to-region and cloud-to-cloud DR and VM migration. Built-in policy-driven anomaly detection protects against ransomware.	Helps to reduce data volume, shortening DR time and reducing the need for redundant infrastructure. Assists with prioritizing recovery SLAs.
Ease of management	Commvault Command Center™ provides an easy-to-use API and role-based environment to manage and automate data operations and policies across all recovery and archive storage tiers, including StorageGRID and the cloud. The system also provides easy-to-read reports with clear, actionable information and workflow management.	
Governance	All backup and availability operations are audited. Data encryption and built-in key management are also included and are optimized with Commvault's deduplication technology.	Commvault Activate helps you to manage governance challenges at scale, including state, national, and international laws and regulations, such as California's CCPA and the EU's GDPR, as well as industry-specific regulations in finance, healthcare, pharma, etc.

About Commvault

Commvault is a global leader in data management. Our Intelligent Data Services help your organization do amazing things with your data by transforming how you protect, store, and use it. We provide a simple and unified Data Management Platform that spans all your data –regardless of where it lives (on-premises, hybrid, or multi-cloud) or how it's structured (legacy applications, databases, VMs, or containers). Commvault solutions are available through any combination of software subscriptions, integrated appliances, partner-managed or Software-as-a-Service via our Metallic portfolio. Throughout 25 years, more than 100,000 customers have relied on Commvault to keep their data secure, assessable, and ready to drive business growth. Learn more at www.Commvault.com.

About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people—anytime, anywhere. www.netapp.com

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