

# Commvault® Cloud Autonomous Recovery

Protect and recover your entire data environment, across on-prem, public cloud, and hybrid multi-cloud environments.

## OVERVIEW

Commvault Cloud Autonomous Recovery reduces recovery time, downtime, and costs by bringing AI-driven automation and validation to Commvault® Operational Recovery. It provides simple, scalable, comprehensive backup, replication, and disaster recovery orchestration for all modern workloads.

- Flexible replication, from periodic replication to sub-minute RPOs and near-zero RTOs
- Easily managed through an intuitive, highly customizable web-based user interface

## CHALLENGE

With the increasing importance of data in business operations, workloads are becoming more complex and distributed. The old ways of backup and recovery are no longer sufficient, even for smaller organizations. Many companies are realizing that their current tools cannot keep up with the fast-paced changes in their data center environments. They are searching for a solution that can adapt to new workload types and scale to handle unprecedented data growth.

# 87%

Of organizations already deploy multi-cloud architectures.<sup>1</sup>

# 83%

Of organizations have experienced more than one data breach in their lifetime.<sup>2</sup>



## SOLUTION

Autonomous Recovery combines automated validation, live data replication, and rapid recovery. Designed for disaster- and cyber-recovery use cases, Autonomous Recovery provides continuous replication and automated failover to ensure data is always available by replicating it to a secondary site. Regardless of where your data lives: on-prem, in the cloud, or in hybrid environments — you need a data protection solution that can keep up with your changing requirements. Say goodbye to point products that increase complexity and costs.

Autonomous Recovery provides:

- Comprehensive coverage, including file systems, applications, databases, VMs, containers, SaaS applications (including Microsoft® 365 and Salesforce), and endpoints
- Cost-optimized cloud data mobility with support for Azure, AWS, and Google Cloud Platform
- Verifiable recovery of data, applications, and replicas
- Easy-to-use disaster recovery orchestration with automated compliance reporting, on-demand testing, and one-click recovery
- Flexible replication, from periodic replication to sub-minute RPOs and near-zero RTOs
- Resilient ransomware protection with integrated scanning and alerts

## ONE PLATFORM PROTECTS IT ALL

Organizations looking to avoid costly data loss scenarios and streamline disaster recovery initiatives can benefit significantly from Commvault's robust yet easy-to-use data protection solution. With built-in DR orchestration, automated compliance reporting, flexible replication, and cost-optimized cloud data mobility, Autonomous Recovery helps ensure business continuity and avoid costly downtime.

Our scale-out architecture means that your data environment remains protected, regardless of size or location. And with the added benefit of unique security features, resilient ransomware protection, and verifiable recoverability via copy data management, Commvault takes the guesswork out of protecting your critical IT infrastructure.

Compatibility	Features and Benefits
<b>Replication</b>	<ul style="list-style-type: none"> <li>• Replication of VMs both on-premises and in the cloud</li> <li>• Replication of databases and applications</li> <li>• Replication of files and volumes</li> <li>• Group-level consistency replication on-premises and in the cloud</li> </ul>
<b>Recovery automation</b>	<ul style="list-style-type: none"> <li>• Sub-minute RPO replication (with VMware)</li> <li>• Disaster recovery orchestration for VMs</li> <li>• Disaster recovery orchestration for physical to virtual</li> <li>• Recovery of VMs, files, and application items from replicas</li> </ul>
<b>Simplified user experience</b>	<ul style="list-style-type: none"> <li>• Three-step replication configuration</li> <li>• One-click failover, failback, and recovery</li> <li>• Intuitive, web-based user interface allows you to control your entire environment from a single dashboard</li> <li>• Role-based access control for self-service functions, freeing up your admins and IT support staff to focus on other high-value activities</li> </ul>
<b>Disaster recovery readiness</b>	<ul style="list-style-type: none"> <li>• Disaster recovery dashboard and reporting</li> <li>• Automatic validation of replicas</li> <li>• Validation of applications for disaster recovery VMs</li> <li>• Validation of applications and files for disaster recovery</li> <li>• File anomaly dashboard enhances platform resiliency to threats</li> </ul>
<b>Simplified migration and workload portability</b>	<ul style="list-style-type: none"> <li>• Migration support for data and applications</li> <li>• Easily back up, recover, and move data and workloads to, from, within, and across multiple clouds</li> </ul>
<b>Intelligent and scalable</b>	<ul style="list-style-type: none"> <li>• Scales easily to accommodate data growth</li> <li>• Auto-scaling and power management for disaster recovery, both on-prem and in the cloud</li> <li>• Copy Data Management for replica VMs</li> </ul>
<b>A layered approach to ransomware protection and security</b>	<ul style="list-style-type: none"> <li>• Identify, assess, and mitigate risks across your entire data landscape</li> <li>• Lock down data, and harden against changes</li> <li>• Built-in anomaly detection and reporting</li> <li>• End-to-end encryption of data at-rest and in-flight</li> <li>• Test failover of workloads into isolated networks for iterative clean-room testing</li> </ul>

## ALL-INCLUSIVE MEANS NO SURPRISES

Traditional backup and recovery solutions can require additional fees or provide less coverage. Autonomous Recovery provides everything you need, including backup, archive, replication, disaster recovery, and built-in ransomware protection for all your workloads across on-prem, public cloud, and hybrid multi-cloud environments.

## CLOUD BACKUP

Over 85% of companies use multiple clouds today. So, if you're not already using more than one cloud service, you will be. Fortunately, Commvault has you covered – supporting over 40 cloud storage options across public and private clouds. This gives you the flexibility to create a hybrid cloud environment where you can back up (and recover) data to the cloud, within the cloud, and even between clouds.

## APPLICATIONS AND DATABASES

You likely have a lot of databases and applications across your environment – some old, some new. What you don't want is a collection of products to protect them. Commvault provides deep and broad support for databases and applications, including distributed applications. You can migrate workloads to the cloud, efficiently back up databases, and accelerate access to data, all using a single solution.



Simple, comprehensive backup, replication, and disaster recovery.



Trusted recovery of data with verifiable recovery of replicas.



Scalable, cost-optimized cloud data mobility.

## DISASTER RECOVERY

Natural disasters, hardware failures, data breaches, and ransomware attacks are inevitable. The key is to be prepared and have a good disaster recovery plan for when they happen. But not all data is equal; you need to be able to balance your recovery requirements and costs against the service level agreements unique to your business. And while your recovery timeframes should be tied to the importance of the data, you still need a single solution to reduce complexity. Commvault's easy-to-use solution tackles that complexity and allows you to recover your data wherever it is.

For more insight into how Commvault Cloud Cyber Resilience solves your organization's business challenges, visit [commvault.com/solutions/autonomous-recovery](https://commvault.com/solutions/autonomous-recovery).