

Ransomware Reversal

A guide to one-click
cloud app recovery with
Commvault Cloud Rewind™



Cloud App Recovery

A careless maneuver that leads to an injury. Thoughtless words that hurt feelings. Inattention that results in a missed opportunity. No matter how much you wish to undo the damage from your mistakes, life doesn't come with a do-over button.

In the world of cloud backup and recovery, that's long meant dealing with a ransomware attack or accidental misconfiguration required a long and arduous process to get your business back up and running. Even when you're able to access your most vital data after an incident, you still need to rebuild your mission-critical applications.

Traditionally, rebuilding those applications has not been so easy or fast.

According to [Statista](#), it takes approximately

↑ 24 days

(about **3.5 weeks**) on average to rebuild a system.

Furthermore, it can cost companies

\$300,000

per hour while the system is down.

With Cloud Rewind, you can recover your data and rebuild your cloud applications **within minutes**, enhancing your cyber resiliency and letting you restore your business operations just as they were before the incident happened. It's just one click away. Read on to learn how Cloud Rewind does it.

Challenges



in the Cloud

Adopting cloud technology is no longer just for early adopters; it has become the standard for businesses to optimize infrastructure costs while enabling agility and scalability. According to [Gartner](#), by 2028, cloud computing will shift from being a technology disruptor to becoming a necessary component for maintaining business competitiveness.

While the cloud allows developers to experiment with new services and push innovations to production more quickly, these environments are complex and constantly changing. Operating in the cloud also can lead to an increase in vulnerabilities and misconfigurations while deploying. In addition to the data that needs to be securely stored, protected, and accessed in the event of a cyberattack, you need to consider the dependencies and applications in any location or point in time.

Rebuilding applications in the cloud has traditionally been all the things that the C-suite hates to see: time-consuming, resource-intensive, and costly. That's even without considering the other financial implications of a breach. Finding a way to avoid this costly damage is imperative.

Enter Commvault Cloud Rewind.

Our research shows that in a typical cloud environment, the **application data** makes up just

20%–30%

of the resources.

Approximately

50%–70%

of cloud resources are cloud configuration, and today, they are **not protected**.



How Cloud Rewind Enables Near-Instant Recovery

Cloud Rewind automatically writes code to recover data and rebuild applications so you can be back in business within minutes of a failure – all without the need for manual intervention. It codifies your applications' cloud resources, dependencies, and backup and replication data for hyperfast rebuild from cloud outages and ransomware attacks.

Cloud Rewind also discovers cloud services configurations continuously to map dependencies and adapts to your cloud architecture and services. Unlike other legacy operations tools that automate applications and data separately, Cloud Rewind combines application and data automation to simplify cloud operations radically.

Cloud Rewind has a patented dual-vault cloud time machine, meaning that it uses secure, immutable vaults in different hyperscale clouds for instant application recoveries. With one vault used for cloud configuration, the other for application data, you get faster recoveries and continuous operations. And Cloud Rewind's predictable recoveries help reduce risk and enhance cyber resilience.

With **one click** after an incident, you can recover your data and rebuild your entire cloud environment – at any point, in any region.

Key Benefits of Cloud Rewind



Assured recovery

Restore critical applications and data with minimal disruption.



Reduced risk

Minimize the impact of system downtime and data loss with rapid recovery capabilities.



Increased readiness

Be prepared for unexpected incidents with an automated recovery solution.



Cyber resilience

Maintain continuous business operations by quickly recovering from cyberattacks or misconfigurations, minimizing downtime and data loss with rapid recovery capabilities.



Simplified management

A single pane of glass provides visibility and control. And without the need for human intervention during recovery and rebuild, Cloud Rewind allows your IT team to focus on other critical tasks.



Go Back in Time with → Cloud Rewind

While life might not come with a do-over button, Cloud Rewind from Commvault offers you a chance to right wrongs in the cloud. It's an efficient, automated solution to reverse the damage caused by ransomware attacks and misconfigurations. By codifying and automating the rebuild process, it enables your business to quickly recover and resume normal operations.

Implementing Cloud Rewind and following best practices for cloud security and data protection can significantly reduce the risks associated with ransomware and other threats. Stay prepared, stay resilient, and keep your business operations unstoppable in the face of adversity.

To learn more, visit **cdw.commvault.com**

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