Commvault®

Commvault® Cloud: Active Directory Protection

Safeguard Microsoft AD and Entra ID Resilience and Recoverability

As a widely adopted identity and access management tool for businesses of all sizes, Microsoft Active Directory (AD) and Entra ID are the gatekeepers of authorization processes for networks, applications, and environments. They are the quarterback of system access and control an everchanging pool of users, groups, policies, and app permissions. And while AD simplifies access administration to networks and systems, it is particularly challenging to secure as it holds the keys to an organization's most crown jewels—their infrastructure and data.

Active Directory's central role makes it a prime target for cybercriminals aiming to compromise enterprises or, in some cases, bring down the entire network. If AD data becomes corrupted or the directory itself is unavailable, it can severely disrupt line-of-business applications and processes, blocking user access to vital systems and resources. The ability to quickly recover from such disruptions is critical but can be challenging given the inherent complexity of AD environments.

The distributed, multi-master nature of Active Directory provides for high availability and resiliency but introduces complexity that makes the process of recovering AD from a disaster or cyberattack complicated. This is especially true for large AD environments consisting of multiple domains and geographies. Whether recovering from accidental deletion, corruption, or a ransomware attack using native methods and tools or homegrown solutions is often a time-consuming, complex, and manual, error-prone process. And the longer it takes to restore AD back to a working state, the greater the disruption to the business.

TOP CHALLENGES

- Slow and error-prone manual recovery processes
- Inability to determine what data has been deleted or overwritten, extending recovery efforts
- Managing cumbersome and labor-intensive built-in tools
- No data separation to mitigate ransomware threats

BENEFITS OF PURPOSE-BUILT AD BACKUP AND RECOVERY

Fast and secure recovery of Active Directory is foundational to maintaining continuous business. An automated recovery solution, paired with a well-documented and frequently tested recovery plan, are critical for quickly restoring AD and getting the business back fast. Optimized to meet the needs of today's businesses, purpose-built backup and recovery solutions for AD offer unmatched simplicity and resiliency:

Frequent, automated backups protect against lost domain information where self-scripted solutions and native limitations fall short.

Advanced user control to undo damaging and unwanted changes in the face of accidental deletion, data theft, cybersecurity threats, or other emergencies.

Automated recovery eliminates the need for slow, manual, and error-prone recovery processes and accelerates the time to restore and reestablish critical identity services.

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THE COMMVAULT CLOUD DIFFERENCE: INDUSTRY-LEADING BACKUP & RECOVERY FOR ACTIVE DIRECTORY

In the face of deletion, corruption, or cyberattacks, Commvault® Cloud Backup & Recovery for Active Directory delivers fast recovery and enables continuous business across the enterprise. With Commvault Cloud, you can seamlessly protect Active Directory and Entra ID in hybrid environments with a single enterprise solution that also protects your on-premises and cloud worksloads and applications like Microsoft 365, Dynamics 356, Salesforce, and more.

Protect AD And Entra ID
Safeguard your hybrid directory by protecting critical AD and Entra ID objects including group policy objects, users, groups, conditional access policies, roles, and more.

Quickly Illuminate Identity Risks
Identify all changes to the domain and quickly recover mistakenly or maliciously deleted objects, or roll back overwritten attributes across the entire directory.

Streamline And Accelerate Recovery
Automated AD forest recovery enables rapid recovery of the AD forest to a point-in-time before corruption or attack.

AD FOREST RECOVERY
Commvault Cloud automates the full forest recovery process including the critical hygiene tasks required to verify consistency in the recovered AD, such as seizing FSMO roles and adjusting the RID pool. This automation reduces the risk of human error and accelerates recovery times, enabling organizations to recover in hours instead of days or weeks.

Visual AD topology views of your AD environment and customizable automated runbooks simplify and guide the recovery process for greater accuracy and control. Throughout the recovery process, step-by-step views provide complete visibility into your progress, allowing you to monitor how long it will take to bring your Active Directory back online.

INTERACTIVE COMPARISON REPORTING
Commvault Cloud offers interactive comparison reports that allow you to compare all changes in the AD domain between two points in time, quickly identify the data that needs to be recovered or reverted, and restore it quickly, directly from the report.

OBJECT AND ATTRIBUTE-LEVEL RECOVERY
Flexible, granular recovery allows you to quickly recover only the missing, damaged, or misconfigured object attributes, and get business systems or users back online quickly without the need for a full restore of an entire AD environment.

## GET PROVEN PROTECTION FOR YOUR BUSINESS WITH:

Single, unified solution for Microsoft AD and Entra ID protection

Robust protection for objects, attributes, users, groups, app permissions, and more

Rapid, automated recovery to swiftly get the business back online

Layered security with air-gapped data copies for additional ransomware protection

100% SaaS-delivered solution with no hardware, maintenance, or large capital expenses

Commvault Cloud

Entra ID

Microsoft AD
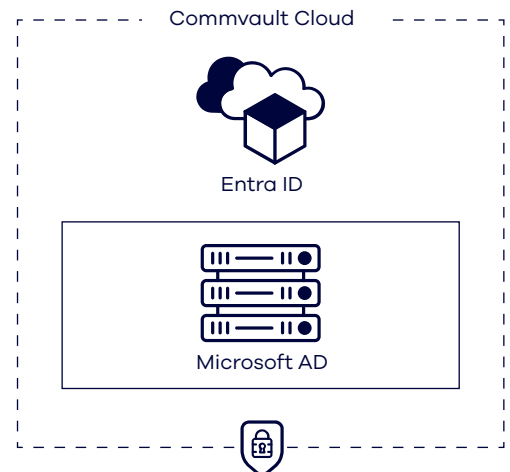
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