Commvault®

Commvault® Cloud: Active Directory Protection

Safeguard Microsoft AD and Entra ID data from a single solution

As a widely adopted authentication tool for small, medium, and enterprise businesses, Microsoft Active Directory and Azure Active Directory (now Microsoft Entra ID) are the gatekeepers of authorization processes for networks, applications, and environments. It is the quarterback of system access and controls an everchanging pool of users, groups, policies, and app permissions. As ecosystems, environments, and user access become more complex, IT teams are spending more time setting up the logical structure and the right amount of permissions for users and contractors—critical work these IT resources cannot afford to redo or lose if something goes wrong.

~90%

of attacks involve Active Directory in some form, whether it was the initial attack vector or targeted to achieve persistence or privileges[1].

And while Active Directory (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. It has also become a data protection blind spot for many organizations. Misconfigurations, user errors, and dormant accounts can be problematic. It's also becoming a popular vector for ransomware attacks as bad actors who penetrate AD can elevate privileges and steal, corrupt, or deny access to critical applications and their data. This allows cybercriminals to silently traverse infrastructure, workstations, and applications to establish their foothold in a centralized location to control business assets. Furthermore, a corrupted AD can cripple an organization's ability to function and needs protection restore AD operations back to the last known "good state."

Now more than ever, businesses need to consider AD protection to keep their businesses running and their ransomware response strategies sound.

TOP CHALLENGES

• Managing cumbersome and labor-intensive built-in tools
• Inability to backup and recover critical attributes and permissions
• No data separation, to mitigate ransomware threats

BENEFITS OF PURPOSE-BUILT AD BACKUP

While it's true, there are ways to script and other installable services that help you protect Active Directory, they put a strain on IT resources. Home-grown solutions require time to code, maintain, upkeep, and administer (not to mention fix). Optimized to meet the needs of today's businesses, purpose-built backup solutions for AD offer unmatched simplicity:

Purpose-built, dedicated solutions streamline AD protection with enterprise grade security and performance, reducing overhead and cost for IT.

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.

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

Commvault® Cloud, powered by Metallic® AI, delivers dedicated protection for Microsoft AD and Entra ID with a simple SaaS delivery, meaning: no-hassle deployment, no backup infrastructure to manage, and automatic updates. With Commvault Cloud, you can seamlessly protect Active Directory in hybrid environments with a single enterprise solution for use with on-premises or cloud applications (like Microsoft 365, Dynamics 356, Salesforce, and more).

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

Interactive comparisons identify all changes to the domain or tenant allowing you to quickly recover mistakenly or maliciously deleted objects, or roll back overwritten attributes across the entire directory.

Virtually air-gapped backup copies, zero-trust access controls, and early detection capabilities isolate data copies for advanced ransomware protection.

GET PROVEN PROTECTION FOR YOUR BUSINESS WITH:

Pre-built, unified backup solution for Microsoft AD and Entra ID

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

Rapid recovery tools to swiftly get the business back online

Layered security with air-gapped data copies and early threat detection ransomware protection

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

– Commvault Cloud, powered by Metallic AI -

Entra ID

Microsoft AD
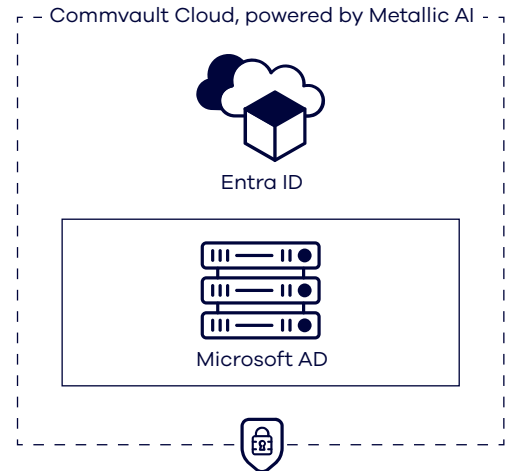
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