

# Cyber resilient identity system solutions with Cohesity and Semperis

## Key Benefits

- Automate Semperis Active Directory Forest Recovery (ADFR), reducing downtime by up to 90%
- Single pane of glass for all your data that modernizes and simplifies data management
- Three click recovery
- Prevent malware reintroduction
- Post-breach forensics to close backdoors and eliminate persistence

## Use Cases

- Automated, malware-free AD forest backups scheduled to run at customized, regular intervals
- Rapid, secure recovery with post-breach forensics to eliminate backdoors and flexible hardware and IP provisioning
- Accelerates incident response time with on-demand scanning of the AD environment to quickly identify and close attack paths
- Prevents data breaches with manual, periodic scanning to uncover and remediate new attack paths leading to Cohesity storage clusters

As companies continue to generate increasing data volumes, they must manage and secure that data properly. Organizations face many challenges, from ransomware and other cyberattacks to stringent regulatory requirements, IT constraints, tight budgets, and tough economic conditions. Data breaches are rising, leading to business outages, revenue loss, customer trust, and other damages. Business-critical data is a lucrative target for threat actors who steal sensitive business data for ransom.

Because of its central role in business operations, Active Directory is a primary target for threat actors involved in 9 out of 10 attacks. After compromising Active Directory, attackers can gain control of an organization's entire network. Research has shown that cyberattackers took a median time of just 16 hours to gain access to Microsoft Active Directory. Once they gain access, hackers can leverage accounts with admin privileges, create new accounts, and disable legitimate accounts. In a typical organization's identity system, there are countless attack paths an adversary can take to achieve domain dominance and compromise data stores. The problem is clear—excessive privileges. However, sifting through every group and user relationship is an impossible task for defenders, wasting time remediating and responding to emerging threats.

Cohesity and Semperis have created integrations for organizations to ensure robust cyber resilient identity system solutions.

- Semperis-Cohesity AD backup and recovery solution provides comprehensive cyber resilience to protect the identity system with secure data. Semperis-Cohesity attack path management saves time for cyber defenders by focusing on the attack paths leading to the organization's most sensitive assets—flipping the script on traditional approaches.

### 1. Simplify data management and recovery

Cohesity Data Cloud provides a single pane of glass view of all your data, including the backup of the AD Forest. Cohesity SmartFiles modernizes and simplifies data management, privacy, and control by offering one solution for multiple workloads with greater efficiency. Manage your data at a massive scale with software-defined simplicity and hybrid cloud flexibility, allowing deployment on-premises, at the edge, or in your cloud of choice. It also includes file auditing for storage management and compliance.

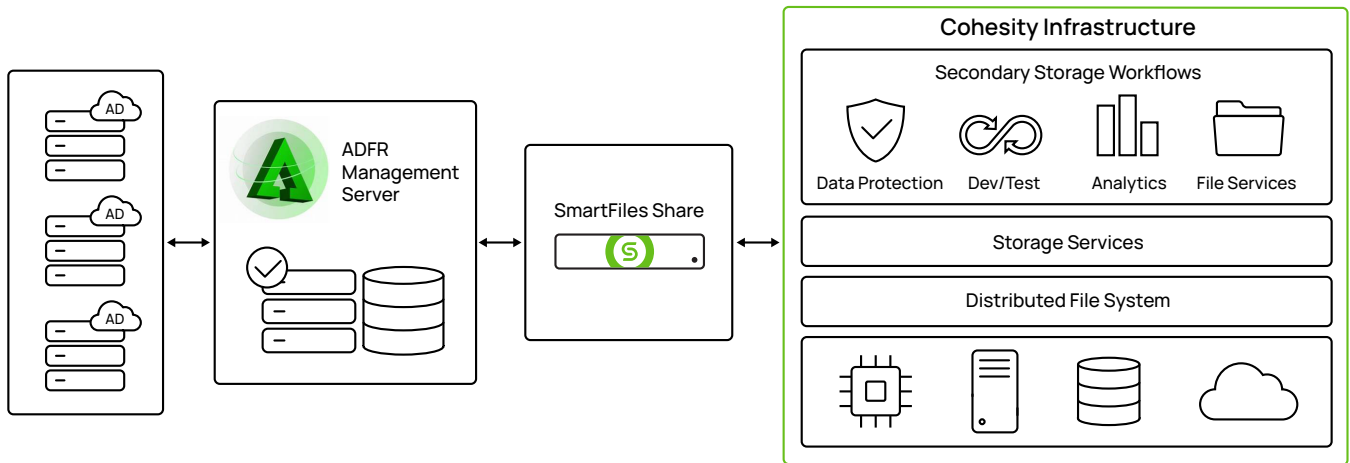


Fig. 1: Comprehensive cyber resilience for enterprise identity systems

## 2. Automated clean data backup

Semperis ADFR performs a full, malware-free backup of your entire Active Directory Forest, ensuring no critical identity data is left unprotected. This data is safeguarded by backing up to multiple secondary storage locations with fault-tolerant, redundant, immutable, and encrypted storage. Integrated cybersecurity and data protection policies protect your data and infrastructure. Semperis ADFR enables easy restoration of complete Active Directory forests with just a few clicks, and Semperis Support is available to assist during any disaster recovery.

## 3. Discover and close risky attack paths

Semperis-Cohesity attack path management helps you prevent data breaches by uncovering risky access paths leading to critical data stores, closing security gaps to increase overall security posture, and accelerating incident response time.

The Semperis-Cohesity AD backup and recovery solution reduces AD recovery time by up to 90% with immutable storage options for AD data, rapid data recovery capabilities, and post-breach forensics to eliminate malware persistence.

Learn more at [Cohesity](https://www.cohesity.com)

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