SEMPERIS

Semperis Active Directory Forest Recovery

Essential Protection for Active Directory

As the gatekeeper to the applications and data your organization depends on, Active Directory (AD) requires the highest level of security and availability. You must be able to act fast if directory services are interrupted in any way. With Semperis AD Forest Recovery, you can do precisely that.

Confronting the Unthinkable

AD is down: employees sit idle, operations grind to a halt, customers are stranded.

The threat is real:

- Ransomware or a wiper attack takes out your domain controllers (DCs)
- A hacker gains access, and the extent of the damage is unknown
- A rogue administrator takes down the directory service
- A schema extension, forest-level upgrade, or other irreversible change renders the directory inoperable

Whatever the cause, you need to restore AD **now**. On the same or different servers. And without any remnant of the malware or bad actor that wreaked havoc on your network.
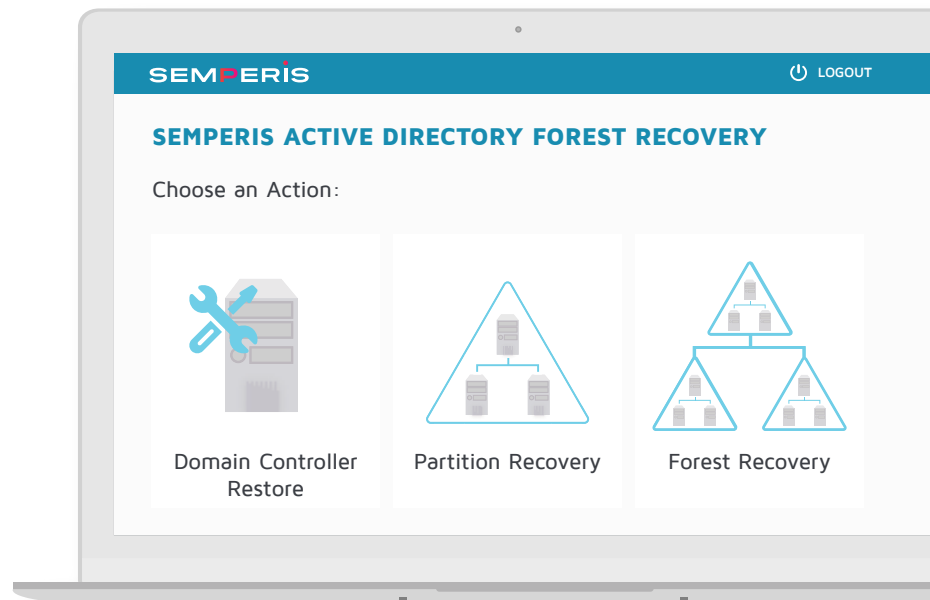
Save the Day with Semperis

Restoring AD manually would take days or even weeks – and you could still be left with malware in your environment. But with Semperis AD Forest Recovery, you can get your business *back in business* in as little as 30 minutes. That's because Semperis:

- Eliminates reintroduction of malware in system state and bare-metal backups
- Automates the entire forest recovery process
- Recovers to any server – virtual or physical, on-premises or in the cloud – with no need to install drivers and patches

With Semperis's patented technology, you can recover quickly and confidently from even the most catastrophic AD disaster.

Identity-Driven Enterprise Protection

Semperis AD Forest Recovery automates forest recovery, as well as recovery of individual DCs and partitions. Granular recovery of AD objects and attributes is available with Semperis Directory Services Protector.

Microsoft Partner
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The Semperis Advantage

Forest recovery is no easy task, and the AD experts at Semperis have taken the challenge head-on. In doing so, Semperis AD Forest Recovery offers functionality not available elsewhere, including:

Anywhere Recovery. Restores AD to the same or different hardware. Simply stand up a server with the same Windows version number (2019, 2016, 2012 R2, 2012, or 2008 R2) and disk layout as the original DC.

Clean Restore. To prevent reintroduction of rootkits and other malware, starts with a clean Windows operating system and only restores what's needed for the server's role as a DC, DNS server, etc.

Advanced Automation. Automates the entire recovery process, including rebuilding the Global Catalog, cleaning up metadata and the DNS namespace, restructuring the site topology, and more.

Zero Maintenance. Eliminates the need to develop and maintain scripts or manually update configuration information – and the recovery failures that occur when these things don't get done.

Full Oversight. Provides visibility and control of the entire recovery process, including the ability to review, pause, fix environmental issues, and retry or restart.

Easy DR Testing. As a fully automated, out-of-the-box solution, makes it easy to test recovery and document results for compliance with internal and external regulations.

Comprehensive Backup Validation. Checks each backup set to verify that all data (including AD topology) was successfully written to the backup server. Also notifies you of any gaps in backup jobs (such as newly added domains).

No Recovery Dependencies. Runs independent of AD – with no reliance on Windows authentication, DNS, or other AD services – so you can recover immediately even if AD is completely down.

Lab Setup. Semperis AD Forest Recovery also makes it easy to spin up a copy of production DCs in the lab, significantly reducing the time to maintain dev/test, staging, training, and support environments.

Active Directory is a prime target for cyberattacks.
Ensure you can recover quickly and cleanly with Semperis.

Contact us today for a free trial.

*"In the ransomware era, one of the most often overlooked considerations is backup and recovery of Active Directory. This represents a significant risk. I believe **Semperis has a superior solution to this problem.**"*

Allen Brokken
Chief Architect, Cyber Security
Ascent Solutions

ABOUT SEMPERIS

Semperis is an enterprise identity protection company that helps organizations recover from cyber breaches and identity system failures, on-premises and in the cloud. The company's patented technology for Active Directory is used by customers in the Fortune 500, government, financial, healthcare, and other industries worldwide. Semperis solutions are accredited by Microsoft and recognized by Gartner.

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