

Active Directory Privileged User Audit



Trustworthy Privileged User Insight

Active Directory Privileged User Audit



An organization's foundational Active Directory deployment is the bedrock of IT and cyber security and the **heart of privileged access**, worthy of the highest protection, and **paramount** to business.



The **Active Directory Privileged User Audit** service from Paramount Defenses uniquely empowers organizations to accurately, instantly and efficiently audit privileged access in their Active Directory.

- A **Paramount** Need

An organization's foundational Active Directory is the very bedrock of IT and cyber security, and the heart of privileged access (the "**Keys to the Kingdom**"), and thus its security is **paramount**.

Historically, the majority of all major recent cyber security breaches (such as JP Morgan, Target, Sony, Anthem, OPM Breach, Snowden, Avast, U.N. and others) have targeted **Active Directory** and involved the compromise/misuse of a single Active Directory privileged user account.

The **need** to know exactly who has what privileged access in an organization's Active Directory, especially Domain-admin equivalent privileged access, is thus paramount to cyber security.

- **Audit** Overview

An **Active Directory Privileged User Audit** empowers organizations to instantly and accurately identify all users that currently possess privileged access in the organization's Active Directory.

It thus uniquely empowers organizations to accurately identify, lockdown and control privileged access in their foundational Active Directory deployments, thereby helping attain and maintain a trustworthy and resilient Active Directory security and organizational cyber security posture.

Active Directory **Privileged User Audit**



The Paramount Defenses **Active Directory Privileged User Audit** service uniquely delivers accurate and comprehensive insight into the actual state of privileged access provisioned in Active Directory.



■ Why **Paramount Defenses**

Paramount Defenses was founded by and is led by former Microsoft Program Manager for Active Directory Security, the world's leading subject matter expert on Active Directory Security, and the author of Microsoft's official 400-page whitepaper titled, *Best Practices for Delegating Administration (Privileged Access) in Active Directory*.

The company possesses authoritative subject matter expertise and capability in both, Active Directory Security and Privileged Access, two top areas in organizational cyber security today.

The company's Microsoft-endorsed *Gold Finger* Active Directory Audit Tooling is unique in its ability to accurately and instantly audit exactly who has what privileged access, domain-wide in Active Directory, based on the accurate determination of Active Directory effective permissions.

The company's **Active Directory Privileged User Audit** service was conceived by former Microsoft Program Manager for Active Directory Security, and utilizes the company's flagship *Gold Finger* tooling to instantly perform and deliver accurate privileged access assessments.

Over the past decade, Paramount Defenses has helped some of the world's most valuable and important organizations in six continents worldwide, including the United Nations, the United States Government, the British Government, British Petroleum, Microsoft, IBM and others.

Active Directory **Privileged User Audit**



A Paramount Defenses **Active Directory Privileged User Audit** uniquely delivers accurate, mission-critical and comprehensive insight into exactly who has what privileged access in Active Directory.



■ **Unrivaled** Privileged Access Insight

A Paramount Defenses **Active Directory Privileged User Audit** accurately, instantly and uniquely identifies exactly who has what privileged access in an organization's Active Directory –

1. How many Domain-admin equivalent privileged users does an organization have?
2. Who can change the group memberships of all default administrative groups?
3. Who can reset the passwords of all Domain-admin equivalent privileged users?
4. Who can change the security permissions on the *AdminSDHolder* object?
5. Who can create domain user accounts in Active Directory?
6. Who can reset the passwords of all domain user accounts in Active Directory?
7. Who can change the membership of all domain security groups in Active Directory?
8. Who can delegate or modify administrative access on which OUs in Active Directory?
9. Who can run *Mimikatz DCSync* to instantly determine everyone's credentials?
10. Who can use *Mimikatz DCShadow* to introduce a fake, rogue domain controller?

This novel service is **unique** in its ability to accurately audit privileged access in an organization's Active Directory, because it is the world's only service that accurately determines who has what privileged access based on the accurate determination of **Active Directory Effective Permissions**.

Active Directory Privileged User Audit



A Paramount Defenses **Active Directory Privileged User Audit** uniquely delivers accurate, mission-critical Active Directory privileged access insight that is essential for organizational cyber security.



■ Highlights

1. Instantly delivers accurate, mission-critical Active Directory privileged access insight
2. Uniquely lets organizations accurately audit privileged access in Active Directory
3. Provides a clear picture of exactly who has what privileged access in Active Directory
4. Can be performed onsite or offsite, and does not require administrative rights
5. Performed by highly trustworthy and proficient cyber security personnel
6. Available in two levels that range in duration from one to three days
7. Includes an optional findings presentation for all stakeholders, including the C-Suite

■ Benefits

1. Instantly provides accurate, mission-critical Active Directory privileged access insight
2. Delivers accurate visibility into the current state of privileged access in Active Directory
3. Highlights glaring deficiencies in the current state of privileged access in Active Directory
4. Identifies individuals who possess excessive privileged access in Active Directory
5. Provides detailed outputs of all performed Active Directory privileged access audits
6. Identifies current exposure to common and prevalent Active Directory attack vectors
7. Provides high-level guidance on how to lockdown excessive privileged access

Active Directory **Privileged User Audit**



A Paramount Defenses **Active Directory Privileged User Audit** uniquely empowers organizations to instantly and accurately identify exactly who has what privileged access in Active Directory today.



A secure and resilient foundational Active Directory is paramount to organizational cyber security today and Paramount Defenses can help trustworthily secure your foundational Active Directory.

▪ **Next Steps**

For additional information on our unique, high-value **Active Directory Privileged User Audit** service, including details, logistics, duration, pricing and scheduling, please contact us.

- ❖ Visit us online at www.paramountdefenses.com/services
- ❖ Call us at (001)-949-468-5770, Option 2

About Paramount Defenses



Paramount Defenses is the world's only cyber security company that possesses the paramount capability to be able to accurately audit privileged access in Active Directory deployments.



Microsoft Active Directory is the foundation of cyber security and the heart of privileged access at 85% of all business and government organizations worldwide.

Paramount Defenses was founded by and is led by former Microsoft Program Manager for Active Directory Security. The company's innovative, patented technology governs the accurate assessment of access, including privileged access, in IT environments worldwide.

Its unrivaled solutions can accomplish the remarkable feat of being able to automatically and accurately audit privileged access across entire Active Directory domains, at a button's touch and its unrivaled security services can help organizations formidably defend Active Directory.

Its global customer base spans six continents worldwide and includes numerous globally prominent business and government organizations, including the U.S. Government.

