

# STEALTHAUDIT® ACTIVE DIRECTORY PERMISSIONS ANALYZER

Comprehensive Active Directory object-level permissions auditing for security and compliance.



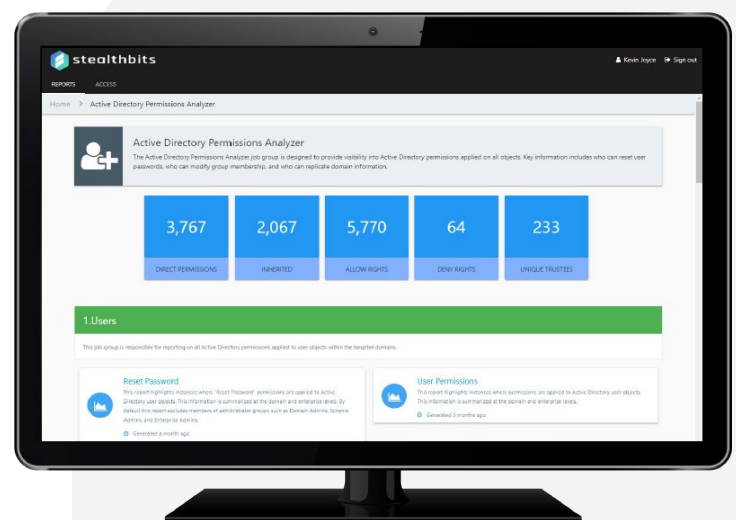
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As the authentication and authorization hub of your network, the importance of understanding Active Directory (AD) permissions is not to be understated. Unfortunately, native tools and views into AD object permissions lack the ability to scale effectively even in smaller organizations, requiring advanced knowledge of scripting languages like PowerShell to make any real headway in understanding AD permissions vulnerabilities.

StealthAUDIT Active Directory Permissions Analyzer enables organizations to easily and automatically determine effective permissions applied to any and all Active Directory objects, at any scope, allowing for the most authoritative view available of who has access to what in AD.

## STEALTHAUDIT ACTIVE DIRECTORY PERMISSIONS ANALYZER DELIVERS STREAMLINED VIEWS INTO

- **Shadow Access Rights** – Shadow Access analysis allows users to proactively and explicitly identify attack paths bad actors can take using obscured object-level permissions to move laterally, escalate privileges, compromise entire domains, and gain access to sensitive data.
- **Reset Password Permissions in Active Directory** – Highlight instances where “Reset Password” permissions are applied to Active Directory user objects. This information is summarized at the domain and enterprise levels.
- **User Object Permissions in Active Directory** – Pinpoint instances where permissions are applied to Active Directory user objects. This information helps organizations understand the level of permissions granted like read, write, and delete.
- **Group Membership Change Permissions in AD** - Understand which trustees can change the membership of Active Directory group objects, either by Write Member Attribute or via the “Add/Remove self as member” permission.
- **Group Object Permissions in Active Directory** – Shed light on instances where permissions are applied to Active Directory group objects. This information is critical to understanding who can perform particular operations against AD groups.
- **OU Permissions in Active Directory** – Quickly analyze and report on where permissions are applied to Active Directory organizational units. This information is summarized at the domain and enterprise levels.



- **Computer Permissions in Active Directory** – Uncover instances where permissions are applied to Active Directory computer objects. Information regarding computer permissions can identify rogue computer devices on your network.
- **Open Access Permissions on AD Objects** – Rapidly assess instances of open access on AD objects, and summarize open access by domain. Common instances of open access include the use of well-known security principals like Domain Users, Authenticated Users, and Everyone.
- **Broken Inheritance in AD Permissions** – Gain immediate insight into instances of broken inheritance on Active Directory objects. This information can be segmented by domain and show where the inheritance has been broken, regardless of its location in the permissions tree.
- **AdminSDHolder Permissions in AD** – Quickly determine what permissions exist on the AdminSDHolder container within Active Directory. If compromised, the AdminSDHolder container can be used by an attacker to achieve persistence in an environment. This information is summarized at the domain and enterprise levels.
- **Domain Replication Permissions** – Identify and track which accounts are capable of replicating Active Directory information. The ability to replicate the domain, for example, can be used as an attack path via techniques like DCShadow and DCSync to more easily compromise an Active Directory environment.
- **DCShadow Permissions Report** – identifies users that have the capability of executing a DCShadow attack - where attackers create a fake domain controller in order to get access to AD resources

## NEXT STEPS



### Schedule a Demo

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Stealthbits Technologies, Inc. is a customer-driven cybersecurity software company focused on protecting an organization's sensitive data and the credentials attackers use to steal that data. By removing inappropriate data access, enforcing security policy, and detecting advanced threats, our highly innovative and infinitely flexible platform delivers real protection that reduces security risk, fulfills compliance requirements, and decreases operational expense.

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