Gold Finger

Active Directory Membership Auditor

Datasheet

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Active Directory Membership Auditor

At the foundation of cyber security of all organizations that operate on the Microsoft Windows Server platform lie their foundational Active Directory (AD) deployments, and Active Directory security groups control access to almost all organizational IT resources.

Organizations require the ability to audit Active Directory group memberships to maintain security, manage access and fulfill governance, risk and compliance driven audit needs.

Architected by former Microsoft Program Manager for Active Directory Security, and endorsed by Microsoft, the *Active Directory Membership Auditor* from Paramount Defenses is the world's simplest yet highly capable group membership auditor for Active Directory.

"We are very pleased to see Paramount Defenses, a valued Microsoft partner, offer an innovative security solution (in Gold Finger) that helps enhance security and compliance in Active Directory environments."

- Charles Coates, Senior Product Manager
  Identity and Security Business Group

Microsoft

Active Directory Membership Auditor

Technical Overview

Security is fundamentally about access control, and in Windows Server based networks access to almost all IT resources is controlled using Active Directory security groups.

Membership in an Active Directory security group can grant an individual instant access to all IT organizational resources access to which is being controlled using that security group.

Further, a substantial amount of unrestricted and delegated privileged access is also made possible by Active Directory security groups, necessitating control and periodic reviews.

Consequently, to ensure the security of all organizational IT resources, it is important to periodically audit, review and verify the membership of Active Directory security groups.

Active Directory security group memberships can be complicated to easily and accurately audit because security groups can be and often are nested within security groups, and in some cases security groups can also be circularly nested.

The *Active Directory Membership Auditor* lets organizational IT personnel easily audit, review and verify the complete membership of any Active Directory security group. It can –

- ✓ Deliver a complete view of any Active Directory security group's membership
- ✓ Clearly identify all group members, as well as the nested groups they belong to
- ✓ Export the complete flattened membership of any Active Directory security group

It thus enables organizations to easily perform Active Directory group membership audits which are needed to maintain cyber security, lockdown access and fulfill audit needs.

Active Directory Membership Auditor

Features

The *Active Directory Membership Auditor* embodies numerous thoughtful features specially designed to help IT personnel easily enumerate and audit domain group memberships –

1. Group Membership Enumeration – Enumerate the complete, flattened membership of any Active Directory security group at the touch of a button

2. User Membership Enumeration – Enumerate all security groups to which a user belongs

3. Complete Enumeration – Enumerate and identify direct and nested group memberships

4. Circular Loop Detection – Automatically detect all circular nested group memberships

5. One-Button Exports – Instantly export (CSV) and document (PDF) group memberships

Benefits

The *Active Directory Membership Auditor* delivers numerous tangible benefits that have a real and measurable impact on the organization's foundational cyber security posture –

1. Enhance Cyber Security – Review and lockdown all Active Directory group memberships

2. Enhance Active Directory Security – Audit Active Directory privileged group memberships

3. Attain Least-Privileged Access (LPA) – Attain and maintain LPA to organizational IT resources

4. Fulfill Audit Needs – Fulfill numerous governance, risk and compliance driven audit needs

5. Get Peace of Mind – Rest well knowing all Active Directory group memberships are secure

Active Directory Membership Auditor

Audit/Reporting Capabilities

The *Active Directory Membership Auditor* lets organizations accurately, easily and instantly generate and export many Active Directory security group membership reports, such as –

1. Enumerate the complete membership of any Active Directory security group

2. Identify both direct and nested members of any Active Directory security group

3. Identify all Active Directory security groups to which a specific domain user belongs

4. Pinpoint the nested group(s) via which a specific user is a member of a security group

5. Export and document the complete membership of any Active Directory security group

Audience

✓ IT Managers

✓ Domain and Network Admins

✓ Cyber Security Analysts

✓ IT and Cyber Security Auditors

✓ Internal Application Developers

✓ Pen Testers and Ethical Hackers

Requirements

✓ Any computer running Windows

✓ Any domain-user credentials

✓ Network access to Active Directory

✓ No privileged access required

✓ No installation on DCs required

✓ No deployment of services/agents

Gold Finger

Gold Finger is the world's most capable, valuable and trustworthy suite of access assessment tools for Microsoft Active Directory, and is the gold standard for Active Directory Assessment.

The *Gold Finger* Suite is architected by former Microsoft Program Manager for Active Directory Security, endorsed by Microsoft, trusted worldwide, and comprised of 8 specialized tools –

1. Active Directory Security Auditor

2. Active Directory Membership Auditor

3. Active Directory ACL Analyzer

4. Active Directory ACL Exporter

5. Active Directory Permissions Analyzer

6. The world's only accurate Active Directory Effective Permissions Calculator

7. The world's only accurate Active Directory Effective Access Auditor

8. The world's only accurate Active Directory Privileged Access Assessor

Today these tools deliver paramount cyber security insight to organizations worldwide.

Gold Finger's uniqueness is in its unrivaled ability to deliver accurate effective permissions and privileged access insight, which are paramount for Active Directory security and cyber security.

For more information, please visit – www.paramountdefenses.com/products/goldfinger

About Paramount Defenses

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

Microsoft Active Directory Domain Services are 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 unique, innovative, patented technology governs the accurate assessment of all access, including privileged access, in IT environments worldwide.

Its unrivaled solutions can accomplish the remarkable feat of being able to automatically and accurately assess privileged access across entire Active Directory domains, at a button's touch.

From the United States of America to Australia, its global customer base spans six continents and includes numerous prominent business and government organizations across the world.

www.paramountdefenses.com