Gold Finger

Active Directory ACL Analyzer

Datasheet

Gold Finger

Active Directory ACL Analyzer

At the foundation of cyber security of all organizations that operate on the Microsoft Windows Server platform lie their foundational Active Directory (AD) deployments.

Organizations require the ability to analyze security permissions in their foundational Active Directory deployments to maintain security, identify vulnerabilities, manage privileged 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 ACL Analyzer* from Paramount Defenses is likely the world's simplest and yet most capable ACL analyzer 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 ACL Analyzer

Technical Overview

The entirety of an organization's building blocks of cyber security i.e. all organizational domain user accounts, computer accounts, and all domain security groups that protect almost all organizational IT resources, are stored, managed and secured in Active Directory.

Each one of these building blocks is represented as an object within Active Directory and is protected by an access control list (ACL), which contains access control entries (ACEs) that specify who is allowed and denied what security permissions on the object.

Together, there exist many security permissions in the ACL of every Active Directory object, granted to various users and groups, most of which may have been provisioned over years. In addition, SACLs of Active Directory objects govern what is audited in Active Directory.

To maintain security, provision access, perform cleanups, and fulfill GRC driven audit needs, organizations need to be able to analyze and lockdown Active Directory ACLs and SACLs.

The *Active Directory ACL Analyzer* lets organizational IT personnel easily view, analyze and audit the ACL and SACL of any Active Directory object in complete detail. It can –

✓ Deliver a complete, sortable view of any Active Directory object's ACL and SACL

✓ Clearly identify exactly which users and groups have what permissions in the ACL

✓ Export the ACL and SACL of any Active Directory object, at the touch of a button

It thus enables organizations to easily perform Active Directory ACL and SACL audits which are needed to assess and lockdown access, perform cleanups and maintain cyber security.

Active Directory ACL Analyzer

Features

The *Active Directory ACL Analyzer* embodies several thoughtful features specially designed to help IT personnel easily view, sort and analyze Active Directory ACLs –

1. Complete, Detailed ACL Analysis – Get a complete view of an Active Directory ACL

2. Sortable View – Get a fully sortable view with individual permissions in unique columns

3. Ownership and Permission Count – Identify an object's owner and ACL permission count

4. SACL Analysis – View, sort, analyze and verify Active Directory SACLs that control auditing

5. ACL and SACL Exports – Instantly export the ACL and SACL of any Active Directory object

Benefits

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

1. Enhance Active Directory Security – Analyze and lockdown Active Directory ACLs and SACLs

2. Gain Instant Visibility – Instantly gain complete insight and control over ACLs and SACLs

3. Verify Intended ACL and SACL Changes – Analyze ACLs and SACLs before and after a change

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

5. Get Peace of Mind – Rest well knowing your Active Directory ACLs are locked down

Active Directory ACL Analyzer

Audit/Reporting Capabilities

The *Active Directory ACL Analyzer* lets organizations accurately, easily and instantly generate per-object Active Directory ACL and SACL views and reports, such as –

1. Identify all users/groups granted any kind of permissions in an Active Directory ACL

2. Identify all allow, deny, explicit and inherited permissions in an Active Directory ACL

3. Uncover exactly which users/groups have what permissions in an Active Directory ACL

4. Identify all users/groups that have a specific permission in an Active Directory ACL

5. Easily audit, export and document the ACL and SACL of any Active Directory object

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

www.paramountdefenses.com