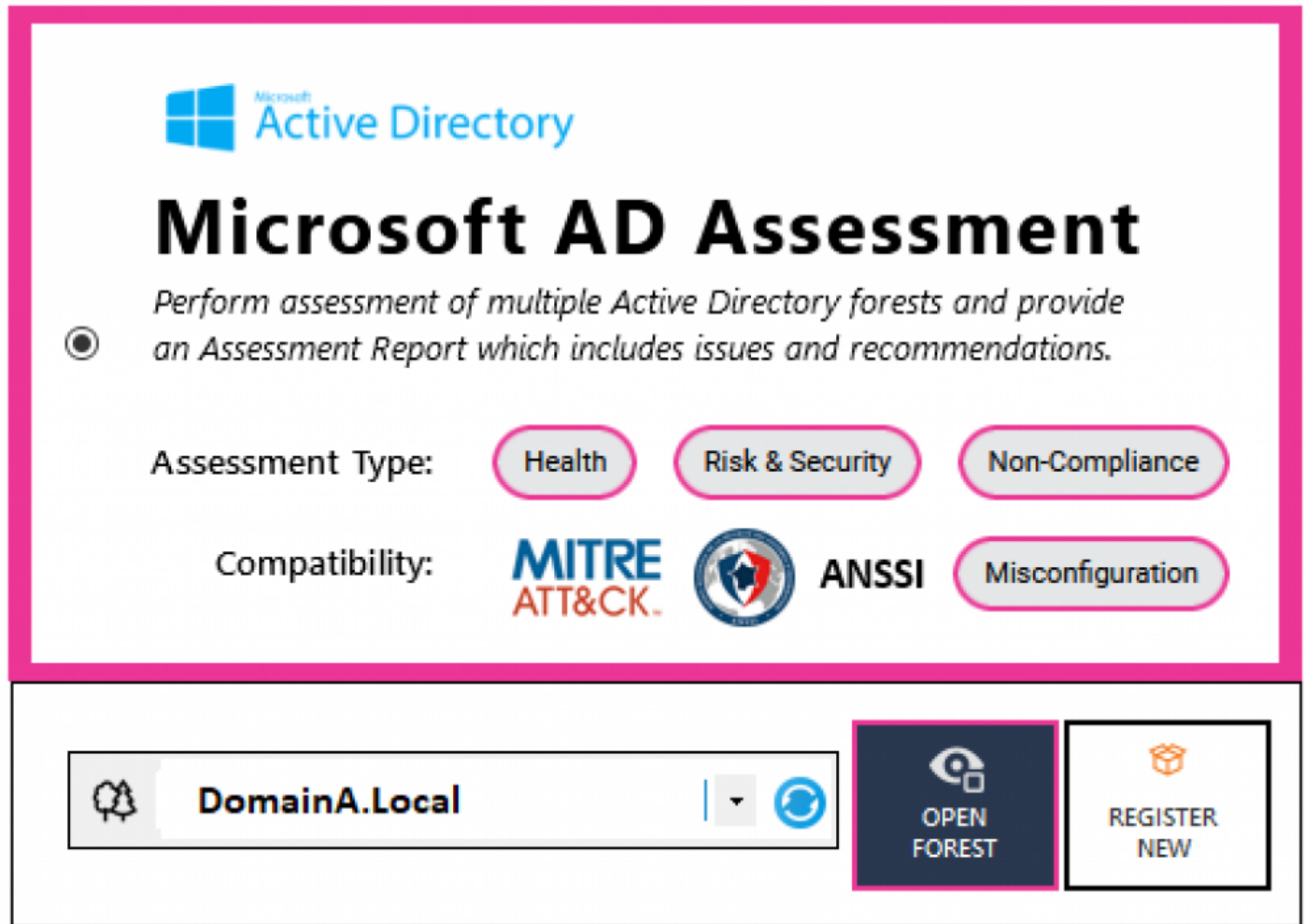


Free Active Directory Security Assessment tool launched by name SmartProfiler for Active Directory

A free Active Directory Security Assessment tool based on MITRE and ANSSI framework was released to improve security posture of Active Directory forests.



Bengaluru, Karnataka May 7, 2023 ([Issuewire.com](https://www.issuewire.com)) - Dynamicpacks Technologies PL

<https://Microsoft-Assessment.com>

Active Directory is a primary source for Authentication and Authorization for users and business applications. Microsoft doesn't provide out of the box tools that can be used to perform both health & security assessments of Active Directory environment. SmartProfiler for Active Directory Tool can be used to perform assessment of multiple Active Directory forests and provide an Assessment Report which includes issues and recommendations to fix the issues.

The SmartProfiler for Active and Directory software is based on the MITRE and ANSSI Frameworks and is aimed at improving the health and security posture of multiple Active Directory forests by providing insights into Active Directory environment. SmartProfiler tool is tailored to address security threats identified by the MITRE and ANSSI organizations, and it goes beyond the standard tests

provided by these frameworks. In fact, SmartProfiler offers a more comprehensive set of 140 tests across various domains such as Account Policies, AD DNS, AD Forest, Domain Configuration, Domain Controllers Configuration, Forest Configuration, Group Policy, Security & Risks, and Time Synchronization of Domain Controllers. This is in contrast to the MITRE and ANSSI frameworks which offer only 54 tests. Notably, DynamicPacks Technologies Active Directory team has specifically designed the additional 86 tests offered by SmartProfiler for Active Directory to ensure that every aspect of Active Directory Forest is covered.

SmartProfiler Active Directory Assessment Categories: Active Directory Reporting: Tests in this category are executed to get data for reporting purposes. Account Policies: Tests in this category are executed to get data for Account and Lockout Policies. AD DNS: Tests in this category are executed to get DNS Configuration and issues identified on the AD DNS Servers. AD Forest: Tests executed in this category are executed to find issues in AD Forest. Configuration-Domain: Tests in this category are executed to check if configuration for overall domain is as per Microsoft best practices. Configuration-Domain Controller: Tests in this category are executed to check configuration on domain controllers such as DNS Loopback, Multihomed Tests, NIC Dynamic Updates tests, Domain Controllers OU tests and so on. Configuration-Forest: Tests in this category are executed to check if AD Sites and Site Links are configured as per Microsoft best practices. There are 12 tests executed in Configuration-Forest category. Domain Controller: Tests such as Undefined Subnets, local disks, DNS configuration, Event Log settings, DCDiag, Roles and features, and other tests are executed. There are more than 22 tests executed for each domain controller. Group Policy: Group Policy Category tests include checking Disabled GPO, GPO Application, Block Inheritance, and permissions assigned to GPO. Security and Risk: Security and Risk category contains more than 50 tests and most of the tests are compliant with ANSSI and MITRE. Time Sync: Time Sync test is executed to check time sync configuration on all domain controllers.

Some of the notable features of SmartProfiler for Active Directory are:

Reduce Active Directory attack surface by 65%. Identify potential security issues in AD environment. Provide Impact and recommended actions to fix the issues. Reduce Active Directory troubleshooting time. Report on Missing Microsoft Recommended Settings and customisable Word Report and reports can be branded.

The Active Directory Health & Security assessment by SmartProfiler is performed in simple five steps. In step one you will be registering an Active Directory Forest under SmartProfiler, second step is to perform an Active Directory discovery and ensure the domain controllers connectivity is checked. Third step is to define the assessment scope to ensure only selected domains are touched by the SmartProfiler. Final step is to execute the Active Directory assessment and then see the issues identified in the SmartProfiler dashboard console.

DynamicPacks Technologies is a seasoned provider of Active Directory security services that has collaborated with clients globally to develop tests that target both common and hidden issues within Active Directory environments. With SmartProfiler for Active Directory, our clients can be confident that they are receiving the most comprehensive suite of tests available for Active Directory.

SmartProfiler for Active Directory is a multi-forest tool that enables customers to add an unlimited number of Active Directory forests, perform a security and compliance scan, and generate a report. The dashboard provides an overall summary that helps clients understand the overall security posture of their Active Directory environment. The report generated by SmartProfiler includes information on the impact of any issues found as well as recommended actions to address them. The cost of the product is

\$3999 per Active Directory forest.

SmartProfiler for Active Directory can be found here: <https://microsoft-assessment.com/smartprofiler-active-directory-assessment/>

SmartProfiler for Active Directory datasheet can be downloaded by clicking this link:
https://microsoft-assessment.com/wp-content/uploads/2023/04/SmartProfiler-ActiveDirectory_DATASHEET.pdf

Here's the list of test cases that are executed as part of SmartProfiler Active Directory assessment:
<https://microsoft-assessment.com/smartprofiler-active-directory-assessment-test-cases/>

Sample Report generated by SmartProfiler for Active Directory can be found here: <https://microsoft-assessment.com/smartprofiler-sample-report-for-active-directory/>



Test Case	Category	Severity	Status	Details
AD Forest Functional Level	Configuration	High	Pass	AD Forest Functional Level is set to Windows Server 2012 R2.
AD Forest Mode	Configuration	High	Pass	AD Forest Mode is set to Windows Server 2012 R2.
AD Domain Controller OS Version	Configuration	High	Pass	AD Domain Controller OS Version is Windows Server 2012 R2.
AD Domain Controller Patch Level	Configuration	High	Pass	AD Domain Controller Patch Level is up to date.
AD Domain Controller Memory	Performance	Medium	Pass	AD Domain Controller Memory is within acceptable limits.
AD Domain Controller CPU Usage	Performance	Medium	Pass	AD Domain Controller CPU Usage is within acceptable limits.
AD Domain Controller Disk Space	Performance	Medium	Pass	AD Domain Controller Disk Space is within acceptable limits.
AD Domain Controller Network Configuration	Configuration	High	Pass	AD Domain Controller Network Configuration is correct.
AD Domain Controller Time Synchronization	Configuration	High	Pass	AD Domain Controller Time Synchronization is correct.
AD Domain Controller Event Log	Configuration	High	Pass	AD Domain Controller Event Log is configured correctly.
AD Domain Controller Security Settings	Configuration	High	Pass	AD Domain Controller Security Settings are configured correctly.
AD Domain Controller Backup Status	Configuration	High	Pass	AD Domain Controller Backup Status is successful.
AD Domain Controller Replication Status	Configuration	High	Pass	AD Domain Controller Replication Status is successful.
AD Domain Controller DNS Configuration	Configuration	High	Pass	AD Domain Controller DNS Configuration is correct.
AD Domain Controller DHCP Configuration	Configuration	High	Pass	AD Domain Controller DHCP Configuration is correct.
AD Domain Controller WINS Configuration	Configuration	High	Pass	AD Domain Controller WINS Configuration is correct.
AD Domain Controller LDAP Configuration	Configuration	High	Pass	AD Domain Controller LDAP Configuration is correct.
AD Domain Controller Kerberos Configuration	Configuration	High	Pass	AD Domain Controller Kerberos Configuration is correct.
AD Domain Controller NTLM Configuration	Configuration	High	Pass	AD Domain Controller NTLM Configuration is correct.
AD Domain Controller Remote Authentication	Configuration	High	Pass	AD Domain Controller Remote Authentication is configured correctly.
AD Domain Controller Remote Authentication Settings	Configuration	High	Pass	AD Domain Controller Remote Authentication Settings are configured correctly.
AD Domain Controller Remote Authentication Status	Configuration	High	Pass	AD Domain Controller Remote Authentication Status is successful.
AD Domain Controller Remote Authentication Configuration	Configuration	High	Pass	AD Domain Controller Remote Authentication Configuration is correct.
AD Domain Controller Remote Authentication Settings	Configuration	High	Pass	AD Domain Controller Remote Authentication Settings are configured correctly.
AD Domain Controller Remote Authentication Status	Configuration	High	Pass	AD Domain Controller Remote Authentication Status is successful.
AD Domain Controller Remote Authentication Configuration	Configuration	High	Pass	AD Domain Controller Remote Authentication Configuration is correct.

Media Contact

DynamicPacks Technologies PL

Support@Microsoft-Assessment.com

9739909090

A2507-Genesis Ecosphere

Source : DynamicPacks Technologies PL

[See on IssueWire](#)