Microsoft-based solutions Security Hardening

Comprehensive cyberdefense for Microsoft-based applications, workstations and servers.

On average, it still takes organizations more than 287 days to detect cyber breach (IBM, 2021). The most worrying with these poor statistics is, that it hasn`t gone any better over the years, despite significant investments in cyber security. The key reason lies in complexity of our IT environments and fast technological as well as business process development. Organizations simply don`t have enough resources – people, skills and technologies – to keep up the pace and establish or maintain a solid and efficient cyberdefenses.

This exposure to cyber threats is a major business risk and in order to minimize it you need to take a comprehensive approach to cyber security. Microsoft solutions are used in almost every organization and an integral part of business processes. Therefore, leveraging their built-in security mechanisms and configuration optimization can help you significantly improve your cyber defense posture and minimize the risk of a breach.

Identification of critical vulnerabilities and remedial actions

NIL offers a suite of services and solutions that can help secure your applications, workstations, and servers that use Microsoft solutions (Windows, Exchange, Azure, Office 365...) from cyber-attacks. The key advantage of our approach is that it provides you with the highest level of security with existing features, most of which are already part of Windows and existing licenses.

Methodology

NIL helps you improve the cyberdefenses across your whole IT environment. Our methodology covers the following stages:

- **Vulnerability discovery and identification of weak points** (status review using established tools and methodologies such as Microsoft Security and Compliance Toolkit, CIS Benchmarks, Tenable Nessus, PingCastle)

- **Results of the analysis (report) and list of the most critical vulnerabilities**

- **Action plan to address identified vulnerabilities**

- **Implementation of improvements or assistance with the implementation**

- **Consulting on additional security improvements and IT architecture adjustments**

Reference examples

The security hardening service is flexible. You can use it to secure a particular Microsoft solution, to improve the cyberdefense of your broader IT environment/system, or as additional security mechanisms. In the following list you can look at some of the customer use cases of the hardening the Microsoft-based solutions:

- Implementation of a highly secure environment for critical operations built on Microsoft PAM (Bastion Forest), Credential Guard, Remote Credential Guard, Windows Defender Application Control, AppLocker and Multifactor Authentication

- Hardening of Active Directory according to best practices

- Malicious software detection system implementation

- Microsoft Exchange mail server hardening based on internal security policies

- Various consulting projects on securing different elements of IT environment, e.g. workstations, individual servers, encryption of laptops etc.

Why NIL?

- Verified and effective methodology

- A comprehensive approach to protecting business processes in IT environment against cyber risks

- Use of proven and technologically advanced solutions (Application whitelisting, Attack Surface Reduction, Exploit Protection, Multi-factor authentication, Credential Guard, LAPS, Microsoft Defender products, Microsoft Sentinel)

- A team of certified experts with rich field-proven experience

- Proven track of reference from complex and demanding business environments

NIL is constantly expanding the range of Microsoft partner competencies, which currently include:

Microsoft Partner

Microsoft

Gold Security
Gold Datacenter
Gold Cloud Platform
Gold Cloud Productivity
Gold Application Development
Gold Application Integration
Gold Data Analytics
Gold Messaging
Silver Collaboration and Content
Silver Small and Midmarket Cloud Solutions
Silver Data Platform

About NIL

NIL is the leading Microsoft Security partner in the EMEA region and a globally recognized provider of advanced data center, network, cloud, and cyber security solutions, as well as services for business and industry environments, state institutions, public organizations, and telecoms. By enabling a more efficient, secure, and reliable way of doing business, NIL helps organizations become more successful in the digitalized world.

NIL is part of the Conscia Group.

For more details contact **consulting@nil.com** | NIL Ltd., Baragova ulica 5, 1000 Ljubljana, Slovenia | www.nil.com