IBM i Security Services

ASSESSMENT

PENETRATION TESTING

- **Demonstrate practically exploitable vulnerabilities of IBM i systems**
- **Include „green screens" and other platform-specific services in the assessment scope**
- **Test the security of vendor-supplied, third party and internally developed applications**

The experts of Silent Signal have unique competence in security testing of IBM i systems. Although these systems process business-critical data, their security testing is usually superficial or totally skipped, due to their unusual way of operation. This trend is further strengthened by myths about "bulletproof" midrange systems.

Silent Signal's comprehensive IBM i penetration testing service is based on its own lab environment, where our experts have developed a complex audit methodology and proprietary testing tools that go significantly beyond publicly documented methods.

With this unique approach we have demonstrated critical vulnerabilities resulting from incorrect operational practices or bugs in the manufacturer's software (including „0-day" vulnerabilities).

Since real-world attacks often rely on compromised user workstations, penetration tests are best executed in the possession of low-privilege user credentials. From this „assumed breach" position, testers find ways to gain full control over the IBM i system.

Based on the results of the penetration test, vulnerability fixes and mitigation measures can be applied to multiple layers of the system, providing robust protection against the assumed types of attackers.

Hands-on experience
Silent Signal's team of skilled professionals has in-depth knowledge of IBM i systems, enabling them to identify and remediate vulnerabilities that pose a risk to an organization's critical assets..

Unique methodology
Building on our experience and a comprehensive approach, we have developed an enhanced (tools, methods) penetration testing methodology for IBM i systems that provides a thorough evaluation of the system's security posture.

Research
Silent Signal's in-house security research on IBM i environments uncovers new attack vectors and identifies solutions to mitigate the risks they pose.

IBM i SECURITY SERVICES:
https://ibmi.silentsignal.eu/

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