



Network Vulnerability Assessment Service

Prevent hackers from exploiting network vulnerabilities by eliminating the gaps.

A thorough vulnerability assessment is an initial step to creating your information security program.

Sword & Shield Enterprise Security *partners with you* through our Network Vulnerability Assessment Service to define, identify, classify and prioritize vulnerabilities in your information systems, applications and network infrastructure. Then, we provide you with the necessary awareness, knowledge and understanding of risk and potential threats to empower you to act on them accordingly.

Leverage our Information Security Expertise

Our analysts' years of penetration testing experience have rendered a broad knowledge of vulnerabilities and the ways they can be exploited. We apply this to go beyond the scan to analyze the results and prioritize vulnerabilities in the discovered services or configuration flaws.

As a valuable resource, your analyst can talk you through identified issues, add context to the impact of the discovered vulnerabilities and provide an in-depth technical explanation if needed. Then, we help you to tailor the risk to your environment.

Vulnerability Management

Vulnerabilities are introduced onto the attack surface on a regular basis as the result of continuous security research and public disclosures. Industry standards show regular vulnerability testing is a core component of an information security program. The frequency of vulnerability assessments should reflect your organization's risk tolerance, exposures, and implemented technologies.

Creating a vulnerability management program through recurring scanning and trend analysis provides measurable data points that can be invaluable for senior leaders and executives. This is essential to building a mature security program.

Sword & Shield offers our Network Vulnerability Assessment Service on a one-time or recurring basis and can customize a plan based on the frequency that best fits your vulnerability management program.

About Us

Securing business for more than 20 years, Sword & Shield Enterprise Security, Inc. partners with our customers to meet the needs of their dynamic cybersecurity and compliance landscape.

We work closely with companies to become tightly integrated with their enterprise operations in the areas of managed security, risk and compliance, enterprise security consulting, security incident response and forensics, and security training.

Recognized nationally and headquartered in Knoxville, Tennessee, Sword & Shield has offices throughout the US. Sword & Shield services a broad spectrum of industries, including healthcare, retail, media, banking and finance, legal and manufacturing.

Just Ask

Sword & Shield has vast experience in virtually every area of information security and compliance. If you need a service in these areas not specifically named in a description, the chances are we do it, and we do it well. So, just ask.

External and Internal Vulnerability Assessments

Sword & Shield offers two access approaches for vulnerability assessment:

External Network Vulnerability Assessment (NVA): A Network Vulnerability Assessment (NVA) conducted against your external Internet-facing public networks to evaluate the target hosts by their Internet Protocol (IP) address by enumerating exposed ports and services.

Internal Network Vulnerability Assessment (NVA): A Network Vulnerability Assessment (NVA) conducted behind your firewall against your internal and private networks to evaluate the target hosts by their Internet Protocol (IP) address by enumerating exposed ports and services.

Types of Internal Vulnerability Scans

Sword & Shield offers two types of internal vulnerability scans; authenticated and unauthenticated scans.

Unauthenticated Vulnerability Scan: Our expert performs the scan as an intruder would, without authenticated access to the network. This type of vulnerability scan identifies vulnerabilities in exposed network services and configurations.

Authenticated Vulnerability Scan: Our expert performs the scan as a local or network user, with full access to the operating system, services, and installed applications. Findings identify vulnerabilities with installed applications, system configurations, or insufficient policies. Additionally, this type of assessment can be configured to measure a host's configuration against industry standards.

A network vulnerability assessment is your first step to achieving or increasing a mature information security program. Contact us to get started today.

Why Sword & Shield Enterprise Security

Technology firms that dabble in security tell you what you're doing wrong (or not doing at all) and walk away, leaving you without a plan of action. Sword & Shield partners with you to become an integral part of your cybersecurity and compliance program by not only identifying gaps and vulnerabilities, but also continuing to work with you to achieve and maintain a secure and compliant environment.

In short, Sword & Shield's depth and breadth of expertise in every aspect of our comprehensive portfolio of security services, coupled with our customer-first approach, empowers us to provide tailored solutions and personalized support for small to enterprise level companies. We strive to make your security and compliance initiatives as easy as possible on you.

This is what sets us apart from other information security and compliance firms.

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