Purple Team Assessment Service

Collaborative network attack penetration testing

> *Sword & Shield specializes in information security and compliance. Our certified consultants are experienced professionals, and our comprehensive portfolio of security services allows us to be your single stop consulting partner.*

You've got all the best security tools and procedures in place, but how can you be sure they all fit together to *truly* protect your organization?

Sword & Shield Enterprise Security offers our cooperative engagement Purple Team Assessment Service, a highly collaborative process that renders invaluable insight through real world attack and defense scenarios.

Red + Blue = Purple

A Purple Team exercise is a joint venture between Sword & Shield's attacking force (Red Team) and your defending force (Blue Team) that goes above and beyond a vulnerability assessment or network scanning tools.

The primary goal of this exercise is to evaluate your security controls and ability to detect attacks, compromise, lateral movement, command and control communications, and data exfiltration. This serves to enrich and validate detection mechanisms you have in place and to identify and reduce cyber attack paths.

Purple Teaming is intended for organizations with a mature information security program. The purpose is to show how vulnerabilities are used against a specific configuration or scenario, and if they are detectable.

Sword & Shield partners with you to construct a test that is unique to your business:

1 → 2 → 3 → 4
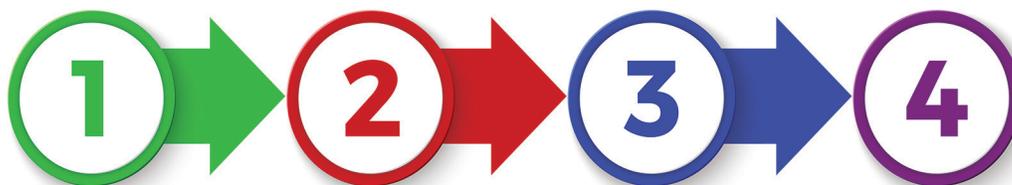
Start From
a compromised host to emulate the "assume breach" or "zero knowledge" point-of-view or other scenarios

Red Team
exercises its tactics, techniques and procedures (TTP) to identify and exploit vulnerabilities in Blue Team's people, processes and technology

Blue Team
exercises its TTP against the simulated attacker in its own environment to evaluate detection and response controls

Purple Team
results from the two teams working together in an environment that fosters increased capability and maturity to build or enhance technologies and processes

Sword & Shield
ENTERPRISE SECURITY

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.

Attack Path Identification

The Purple Team evaluation identifies and exercises attack paths that could lead to compromise of a single system to an entire network and all of its hosts, as opposed to merely identifying a list of vulnerabilities found on hosts or a target network.

The results of this assessment should be integrated with your information security program to ensure its continuous improvement. Overall, this exercise will instill confidence in your current security controls and practices while identifying gaps in the organization's implementation.

Sword & Shield offers these potential attack paths or scenarios:

- Successful Phishing Campaign
- Compromised Standard User Account
- Unauthorized Device
- External Attacker

Purple Team evaluates the effectiveness and proper implementation of the following technologies (if implemented):

- Firewall
- Segmentation
- IDS/IPS/SIEM
- Log Management
- Application White Listing
- Anti Virus
- Proxies
- Endpoint Detection

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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