MADSecurity

TECHNICAL TESTING & ASSESSMENTS DATASHEET

THE ULTIMATE TOOL TO IDENTIFY VULNERABILITIES, VALIDATE SECURITY DEFENSES, REDUCE RISK, AND FACILITATE COMPLIANCE

Insight into How Real-World Attackers Could Exploit Your Vulnerabilities, and the Expert Guidance on How to Stop Them

Our experts leave no stone unturned when assessing your devices and applications and take a personal sense of responsibility to make them as secure as possible. Businesses turn to us for our ability to provide insight into potential attack vectors that exist within their environment and provide them with actionable deliverables that can be used to remediate issues, enhance security posture, reduce risk, facilitate compliance, and improve operational efficiency.

ADVANCE SECURITY TESTING

Illuminate vulnerabilities and validate security defenses while arming your business with actionable recommendations and guidance for remediation and mitigation of risk. Regulatory authorities such as CMMC, FFIEC, PCI, HIPAA, and FINRA (among others) require advanced security testing for compliance.

Penetration Testing

Assess your environment from the perspective of an Internet-based or internal attacker. Provides a realistic depiction of entry points in your environment and the potential damage that could be caused in the event of a real attack.

Application Security Testing

Assess your applications from multiple user and permission levels. Discover misconfigurations and security weaknesses that could pose a risk to both your infrastructure and users of your application.

Social Engineering

Assess the susceptibility of your users to common social engineering tactics. Gain an accurate depiction of risk to your organization from user compromise. Gain insight into the effectiveness of security awareness training programs.

Red Team Testing

Assess your entire organization from the perspective of a real-world attacker. Objective-based assessment that looks at infiltrating your organization's environment from every point of entry, through any available means.

SECURITY TESTING AND REVIEWS

Security Architecture Review

Assess and review your current network architecture and gain insights into ways to secure and harden your environment. Test currently implemented security controls such as network segmentation, network access controls, and other items to validate that they are working as intended.

Compliance and System Hardening

Assess the configuration of your devices and images against common industry standards. Receive validated and digested compliance results with actionable remediations.

Vulnerability Assessment

Assess the configuration of your applications and infrastructure from a security-focused standpoint. Gain insight into misconfigurations and receive actionable remediations.

Configuration Review

Assess your devices to look for patch or configuration-related vulnerabilities that may allow an attacker to gain a foothold in your network. Receive validated and digested vulnerability data with actionable remediations.

PROVEN MATURE STANDARDS

Our penetration testing methodology, tools, and techniques are proven industry best practices that are based on a synthesis of several industry and professional best practices and standards including:

- NIST Special Publication 800-115 Technical Guide to Information Security Testing and Assessment
- ISECOM's Open-Source Security Testing Methodology Manual (OSSTMM)
- Information System Security Assessment Framework (ISSAF) from the OISSG
- Penetration Testing Execution Standard (PTES)
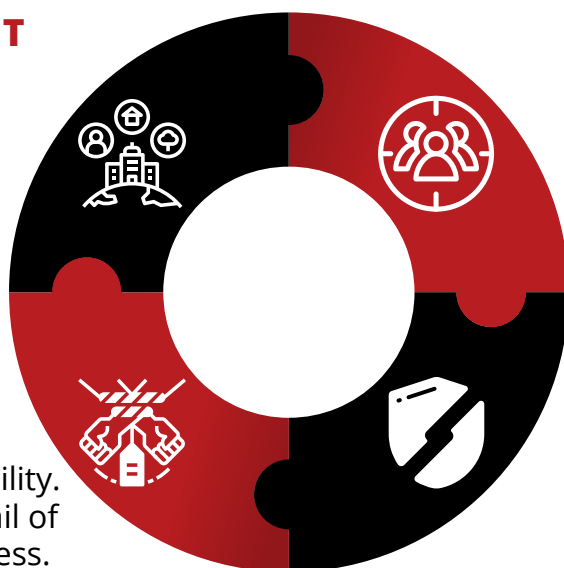- The Open Web Application Security Project (OWASP) Testing Guide

TESTING METHODOLOGY

STEP ONE - ENVIRONMENT ORIENTATION

Learn about the environment being tested.

STEP TWO - TARGET DISCOVERY

From the understanding gained about the environment, choose a target.

STEP FOUR - EXPLOITATION

Attempt to exploit the vulnerability. Depending on the success or fail of the exploit, we restart the process.

STEP THREE - VULNERABILITY IDENTIFICATION

Is the target vulnerable?

CONTACT US

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Transform cyber threats into robust defenses with MAD Security's Penetration Testing.

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