

Penetration Testing

Foresee Security Vulnerabilities Before an Attack

Botnets, ransomware, and phishing attacks are lurking on the internet, lying in wait to disrupt, deny, degrade, and destroy your business operations. The threat landscape is continuously evolving, and adversaries' tactics, techniques and procedures are becoming more sophisticated and difficult to defend. The number of these threats is increasing exponentially as IOT adoption

continues to grow and Hacking-as-a-Service (HaaS) allows easy access to malware and exploit kits.

Our team of IT Risk Pros have conducted hundreds of simulated attacks in safe and controlled IT environments. We offer a variety of custom penetration testing services tailored to your organization. Our complete portfolio of penetration testing services includes:



HIGHLIGHTS

Foresight

Understand the risk to your critical assets

Independent Evaluation

Objective, third party measurement of your security controls efficacy

Seasoned Professionals

Our Certified Ethical Hackers and Certified Penetration Testers have performed hundreds of penetration tests

Simplifies Compliance

Recommendations in clear, step-by-step instructions

Enterprise Readiness

Identify and mitigate security vulnerabilities before an attacker exploits your network

Roadmap for Success

Utilize findings and recommendations to implement security controls and improve system hardening and network defense strategy

Penetration Testing Services

PENETRATION TEST	OBJECTIVE	BENEFIT
External Pentest	Simulate a real-time cyber attack on systems exposed to the internet	Determine your networks current vulnerabilities and promote a risk-aware culture
Internal Pentest	Simulated attack and attempt to gain access to systems from inside	Determine susceptibility to internal attack from employees or attackers who have compromised your network perimeter
Web App Assessment	Ensure the confidentiality, integrity and availability of your critical web applications	Prevent unauthorized access or data compromise
Social Engineering	Evaluate security awareness and susceptibility to deceptive human manipulation	Knowing how your organization reacts scamming tactics
Wireless Assessment	Wireless technology security assessment	Ensure your data in transit is secure via wireless

What You Get

- ❖ Summary for executive and senior-level management
- ❖ Detailed technical information and step-by-step instructions to remediate relevant critical findings
- ❖ Recommendations for immediate hardening and strategic long-term improvements
- ❖ Risk analysis tailored to your environment

Our IT Risk Pros are technical experts who are committed to the security of your data.
We design each penetration test to meet the unique needs of each client.

Service Features

❖ Scoping and Exploration

Technical workshop to determine project scope and critical assets on your network

❖ Discovery Exercises

IP and Port Scanning to identify active hosts and services present on network

❖ Exploitation

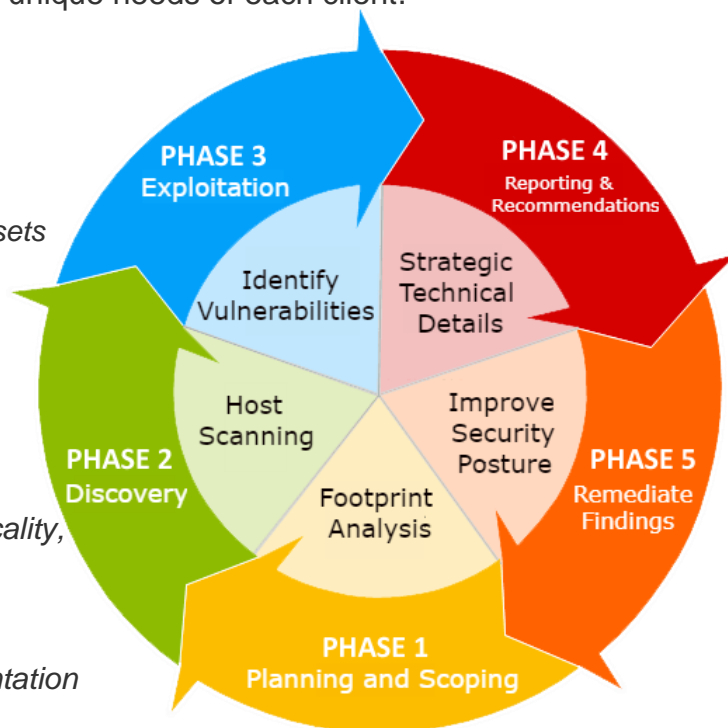
Manual exploitation of vulnerabilities to determine their criticality, likelihood of impact to business processes

❖ Remediation Management

Plan and track remediation efforts including patch implementation and validation scanning to align with business objectives

❖ Reporting

Develop and publish detailed patch reports, vulnerability trend, vulnerability differential and scorecard summaries to demonstrate compliance



“Cisco threat researchers analyzed email telemetry ... to identify the types of malicious file extensions in email documents. The analysis yielded a top 10 list that shows the most prevalent group of malicious file extensions (38 percent) was Microsoft Office formats such as Word, PowerPoint, and Excel.” (2018 Cisco Annual Cybersecurity Report)

“28% percent of attacks involved insiders” (2018 Verizon Data Breach Investigations Report)

To view our full range of technical products and services, visit www.itriskpros.com/services

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