

Foundstone External Security Assessment

Protect the right assets from the right threats with the right measures

Foundstone® Services employs consultants who follow a tried, tested, and proven methodology to conduct superior internet security assessments. By focusing on protecting the right assets from the right threats with the right measures, the highest levels of assurance and business value are achieved.

The process begins with securing internet-connected devices on your network. Foundstone consultants identify and thoroughly test potential points of attack after enumerating every live host, open port, and available service. These vectors are often found in routers, firewalls, DNS servers, web servers, database servers, and even legacy hosts that have no internet-related business purpose. Our consultants attempt to identify all vulnerabilities and focus on areas where a compromise would have the greatest impact and create the highest risk to your business. We also understand the policies and regulations that drive the need for security, especially for ecommerce and financial services. Our analysis is not disruptive to your organization, with minimal or no impact on staff and business productivity.

Methodology

A typical external security assessment consists of the following phases:

- Footprinting
- Vulnerability scanning
- Manual vulnerability verification
- Penetration testing
- Vulnerability analysis

Footprint Analysis and Information Gathering

This phase results in a detailed blueprint of your company's network and its internet security profile—the two major components to measuring the network's overall risk. Our consultants approach footprinting without significant prior knowledge about your company's network. This allows us to achieve thorough mapping and overcome any blind spots you might have. We gather domain names, IP network ranges, and information about hosts, such as operating systems and applications.

Benefits

- Gives you the best of both worlds by performing a penetration test as a sub-component of the external security assessment
- Enables you to see if your networks and web applications can be penetrated from the outside
- Gives you a comprehensive list of all security vulnerabilities on your perimeter network
- Allows your organization to schedule, contract, and execute third-party network assessments more quickly and cost-effectively while still gaining the benefit that comes from using the same commercial scanning tool
- Provides an executive summary, which details trends, architectural, and systemic issues
- Provides a rapid and efficient inventory of the devices, services, and vulnerabilities of internet-connected networks

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Vulnerability Scanning

The information gathered during the footprint analysis and information-gathering phase is used to perform the vulnerability scanning phase and penetrate vulnerable systems. We take a holistic view of the network and chain multiple, low-risk vulnerabilities in order to achieve a high level of access into the target network. This vulnerability linking typically culminates in pilfering sensitive data, such as password hashes, restricted databases, or attaining specific trophies that your company identifies.

Penetration Testing

Our penetration testing provides the most thorough test of internet defenses available. Foundstone consultants scrutinize internet systems for any weakness or sliver of information that could be used by an internet attacker to disrupt the confidentiality, availability, or integrity of internet-connected systems.

Our proprietary penetration testing methodology is divided into two essential phases for a comprehensive, detailed understanding of your company's network and how best to protect your most important assets.

For those organizations that require the most thorough penetration testing activity on their networks, we offer a variety of options that include social engineering, denial-of-service testing, IDS/incident response validation exercises, and more.

Discounted Retesting

Our consultants partner with your organization in attaining its strategic security goals. At the conclusion of this engagement, we list all discovered vulnerabilities based upon a ranking of high, medium, and low. At a discounted rate, we perform a retest of each of the discovered vulnerabilities within three months of the completion of your engagement. This allows you to validate that your security remediation efforts resolved all discovered vulnerabilities. Please contact a sales representative for pricing information.

Deliverables

- External security assessment technical report
- Executive summary report
- Next-step recommendations
- Half-day presentation and results review workshop

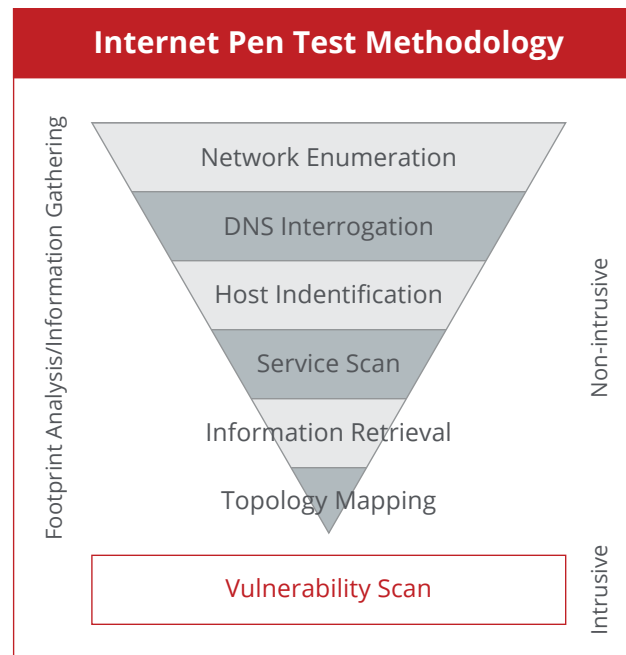


Figure 1. Foundstone Penetration Testing Methodology.

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The Foundstone Difference

All Foundstone projects are managed using our proven Security Engagement Process (SEP) for project management. A pivotal aspect of this process is continual communication with your organization to ensure the success of your consulting engagements.

Learn More about Foundstone Services

Fill the gaps in your information security program with trusted advice from Foundstone Services—part of the McAfee® global professional services organization that provides security consulting, customized product

deployments, and training and advisory services. Let our consultants help your organization assess current policies, create new programs that meet compliance goals, and cost effectively prepare for security emergencies. Speak with your technology advisor about integrating our services. You can get more information at www.foundstone.com.

Related Foundstone Services

Foundstone offers many related services and training classes, including:

- Policies and Directives Development
- Enterprise or Critical Data Risk Assessment
- Strategic Security Roadmap Planning
- Secure SDLC Assessment
- Software and Application Security Assessment
- Network and Infrastructure Security Assessment
- Business Continuity Planning
- Foundstone Training



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MARCH 2016