Virtual Infrastructure Security Assessment

Identify and mitigate the risk to your virtual infrastructure.

Whether you are contemplating, implementing, or currently managing a virtual infrastructure, you are probably quite comfortable with the economic and architectural flexibility benefits from virtualization. However, are you confident in your approach to vulnerability, security, and risk management? Was security part of the requirements when building your virtual infrastructure? Do you have proper policies and procedures to deal with rogue virtual servers, patch management, operating system separation, and change control? Are you aware of technology best practices to secure your virtual infrastructure?

Deliverables

Our Virtual Infrastructure Security Assessment engagement includes:

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

Benefits

Foundstone® Services—part of the Intel® Security product and services offering—can help you to identify and mitigate the risk to your virtual infrastructure. Our consultants review the people, process, and technology surrounding the targeted virtual infrastructure. We help pinpoint issues such as vulnerabilities, gaps with industry-accepted best practices to the architecture, configuration, and ongoing management of corporate assets. With our help, you'll make security a part your virtual infrastructure planning process, or ensure your deployed virtual infrastructure is secure.

Methodology

Foundstone consultants assess your virtual infrastructure in the following four major phases:

- **Architecture and Design Review**—We evaluate the virtual infrastructure and security practices that go into the architecture and design, specifically targeting separation of networks, hosts and virtual machines, and virtual infrastructure management design.
- **Virtual Infrastructure Configuration Review**—We assess the configurations of sampled virtual machines and the host against known industry best practices, and identify any insecure configuration associated with the deployed infrastructure management server.
- **Virtual Infrastructure Security Testing**—We test the security from the logical network, virtual server storage network, and virtual infrastructure management network. The assessment defines your virtual infrastructure attack surface and the associated risk.
- **Policy and Directives Gap Analysis**—We evaluate the gap of the current policies and directives for virtual infrastructure against known best practices according to the ISO27002:2013 security standard.

The Foundstone Difference

All 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.

Scope

The typical scope of this engagement ranges anywhere from one week to four weeks, depending on the size of your organization and your virtual infrastructure.

Learn More about Foundstone Services

Fill the gaps in your information security program with trusted advice from Foundstone Services—part of the Intel Security 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**.

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