

Description

Information Week and PWC recently estimated that computer security attacks cost Global businesses roughly \$1.5 Trillion in 2004. The attacks were sophisticated and represented real threats to confidential information and the operational stability of computer systems and networks. As network access becomes more universal, the opportunities for hackers to penetrate mission critical networks will increase. Even more unauthorized access is facilitated by the convergence of public and private networks, such as the World Wide Web and the Internet.

nGran™ specializes in the delivery of security services and utilities to help companies and government agencies protect their confidential information. Our Web Site Review service quickly diagnoses potential security problems on your web site and proposes necessary steps to correct problems before a security breach occurs.

Web Site Reviews test the strength of access controls for internal and external web sites. We place special emphasis on information security with regards to electronic commerce and various attack scenarios that are typically used to compromise the security and integrity of a web site. Due to the exploratory nature of web sites, it is necessary to evaluate links, URLs, and transport protocols such as HTTP, SHTTP, and SSL.

nGran™ performs the Web Site Review with active and passive security tools that are designed to identify a wide variety of security vulnerabilities including:

- Improper access control configurations
- Insufficient or non-existent passwords
- Improper system and network integrity
- Operating system and application software updates and patches

The nature of these tests is interactive and makes use of non-destructive probes to review web site implementation and configuration details. Emphasis is placed on web server configurations with respect to administrative privileges and access to other servers at the site or in other directly accessible network segments. This review also analyzes system, event, and security logs and associated operations procedures used in systems and network management.

The report for the Web Site Review concentrates on identifying security profiles for web site systems and includes a high-level schematic and/or diagrams of the environment. This report is organized according to web site functional characteristics with appropriate descriptions of technical security parameters.

Features and Benefits

nGran™ Web Site Review service provides:

- Optimum web site server access control configurations
 1. <Limit> blocks
 2. Typical host based restrictions
 3. Optimum user access controls
- Improved security for password, registry and bindery files
- Security web site baseline reports
- Web server file system security and integrity checks
- Configuration recommendations for UNIX®, Microsoft® Windows®, and Novell NetWare® operating systems, and several others, as required
- Secure and hidden URL configurations
- Web site firewall recommendations
- Secure ASP, VBS, CGI scripts recommendations
- Web site certification guidelines
- HTTP state management guidelines including enabling/disabling cookies
- Secure content updating guidelines for file transfers
- Guidelines for web site database construction

Service Provider of Choice

nGran™ supports current and emerging standards for security authentication technologies. We employ security experts with extensive backgrounds in building and managing secure systems and networking environments. We use industry best practices and state-of-the-art tools to find and correct the most intractable data security problems.

Other Services Available

nGran™ offers a complete suite of network and security services. Related security services include ***Remote Security Monitoring, System Security Audit, Controlled Penetration Testing, Vulnerability Assessments, Site Recovery Planning, Security System Implementation***, and other consulting services, as required.

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