

Description

Several driving forces in client/server computing are escalating the need for increased data security measures. Among them are dramatic increases in the number of networked computers, the availability of sensitive information in LANs, the convergence of public and private networks, and a significant increase in the number of reported security threats to company and government confidential information across the world.

nGran™ offers a comprehensive security audit review service that is based on industry best practices, and at a minimum, on the National Institute of Standards and Technology, NIST Special Publication 800-14. This service is designed to conduct active and passive Reviews of the technical, procedural, and managerial aspects of networking and systems environments, and to provide a custom set of recommendations to improve data security and confidential information integrity at your company.

nGran™ will perform the security audit with active and passive tool sets. The tools have been designed to identify a wide variety of security vulnerabilities, including improper access control configurations, insufficient or non-existent passwords, improper system and network integrity, and necessary system and application software updates and patches.

A comprehensive review of network protocols, sockets, and services is performed for identified systems and forms the basis of more in-depth penetration tests, that can be performed in conjunction with your systems and network specialists. Passive analysis of network and system activity is performed to build a security checklist for use during the penetration testing.

As part of System Security Audit, nGran™ conducts a thorough procedural and managerial review of several security operations with a special emphasis on the administration of systems and networks. This review is designed to uncover problems associated with default configurations of system and network software. It also focuses on change management controls that are utilized in the routine operations of systems and networks. This review analyzes system, event, and security logs and associated operations procedures used in systems and network management.

The report for the System Security Audit concentrates on identifying security profiles for systems configurations for identified locations, and includes a high-level schematic and/or diagrams of the environment. This document is organized according to physical location with appropriate descriptions of technical, procedural and managerial security parameters.

Features and Benefits

nGran™ System Security Audit provides:

- Optimum system and network access control configurations
- Improved password, registry and bindery profiles
- Security authentication baseline reports
- Network and system security integrity checks
- Configuration recommendations for UNIX®, Microsoft® Windows®, and Novell NetWare® operating systems, and others, as required
- Security support flows for network and system administration, problem resolution, and escalation procedures
- Review of operational security procedures compared to industry best practices
- MIS reviews as they relate to secure practices for:
 - Hardware and software acquisitions
 - Systems as they relate to plans for networking
 - Software from a planning, policies, and procedures viewpoint
 - IT information reviews, including appropriate use and security
 - Software development as it relates to secure network and systems integration
 - IT processes to match current needs and technology solutions more accurately

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 ***Web Site Reviews, Remote Security Monitoring, Controlled Penetration Testing, Vulnerability Assessments, Site Recovery Planning, Security System Implementation***, and other consulting services, as required.

nGran, LLC

PO Box 1555
Westford, MA 01886
Tel: 978-392-7867
email: sales@ngran.com

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