

CompTIA Security+ Training & Certification Preparation

Our total commitment to network and security training is evident in the high-quality teaching and guidance we offer to our students. CGI's instructors prepare students for the CompTIA Security+ exams and for real world security challenges by offering critical, hands-on experience with network security. Students learn how to configure, execute, construct, and troubleshoot network devices; as well as how to ensure the threat of information system compromise is minimized or negated. The CompTIA Security+ exam places greater emphasis on how to address specific security issues, rather than simply recognizing them. Below outlines the topics for the Security+ training.

Security+ Topics

- Systems Security
- Network Infrastructure
- Access Control
- Assessments and Audits
- Cryptography
- Organizational Security lifecycle

CompTIA Security+ Testing

- Security Policies and Auditing: examine files and identify violations of pre-established security policies. Learn how to enable system auditing in Windows Server 2008
- System Monitoring and Hardening: Exercise on best practices for Server System hardening and monitoring using Windows Server 2008
- Service Hardening: Configure Windows Server 2008 to protect services, such as FTP, Web, DNS, and DHCP
- Backup & Restore: Configure & Restore backups of Active Directory in Windows Server 2008
- Secure Server Configuration: Securely configure application servers such as E-mail, Web, DNS, and DHCP
- Vulnerability Identification: Use Microsoft Baseline Security Analyzer to identify vulnerabilities
- Secure File Transfer: Make security adjustments to protect a file server from data hijacking and file corruption
- Securing Network and Wireless Traffic: Use IPSec and WPA2 to secure traffic
- PKI Setup and Configuration: Learn the steps of a Certificate Authority
- Risk Assessments: Review Business Continuity and Disaster Recovery Plans
- Port Scanning: Scan well-known ports for common vulnerabilities
- Password Vulnerabilities: Scan application servers and identify weak passwords
- Honeypots: Install and test a Honeypot FTP Server

Course Benefits

- 5-day, on-site, hands-on Security+ certification preparation training class
- Security+ meets IAT Level 2 and Information Assurance Manager (IAM) Level 1 requirements
- Instructors teach the course with exam preparation as a priority
- Students are required to schedule their exam upon completion of the class
- Course material is developed and ready for delivery to all system managers
- Security+ training: includes a 550-page student manual, 450 slides, and over 10 hours of hands-on labs