

CompTIA Security+ Certification

Enhance your computer security knowledge with our CompTIA Security+ course.

Through this CompTIA Security training course, you will learn the key fundamentals of IT security and the common practices. This training course features hands-on experience with the components you will have to familiarise yourself with when using this knowledge in the workplace environment.

Objective

On certification completion, you will be able to:

- Identify tools and techniques to perform an environmental reconnaissance of a target network or security system.
- Collect, analyze, and interpret security data from multiple log and monitoring sources.
- Use network host and web application vulnerability assessment tools and interpret the results to provide effective mitigation.
- Understand and remediate identity management, authentication, and access control issues.
- Participate in a senior role within an incident response team and use forensic tools to identify the source of an attack.
- Understand the use of frameworks, policies, and procedures and report on security architecture with recommendations for effective compensating controls.

Details

Duration: 4 Days

Who is this course for

There are no pre-requisites for this training course

Course Content

Identifying Security Threats

- Identify Social Engineering Attacks
- Classify Network Attacks
- Classify Software Based Attacks

Hardening Internal Systems

- Harden Base Operating Systems and Directory Services
- DHCP Services
- DHCP Servers
- Network File
- Print Servers

Internetwork Devices and Services

- Hardening Internetwork Connection Devices
- DNS and BIND Servers
- Web Servers and FTP Servers
- Email Servers

Securing Network Communications

- Secure Network Traffic Using IP Security (IPSec)
- Wireless Traffic
- Client Internet Access
- Remote Access Channel

Public Key Infrastructure

- Install a Certificate Authority (CA) Hierarchy
- Back Up Certificate Authorities
- Restore a Certificate Authority

Monitoring the Security Infrastructure

- Scan For Vulnerabilities
- Monitor For Intruders
- Respond to Security Incidents

Enforcing Organisational Security Policy

- Enforce Corporate Security Policy Compliance
- Legal Compliance
- Physical Security Compliance

Educate Users