

CompTIA Security+ (SY0-701)

Length: 5 Days

Summary: CompTIA Security+ is a global certification that validates the baseline skills necessary to perform core security functions and is the first security certification a candidate should earn. CompTIA Security+ establishes the core knowledge required of any cybersecurity role and provides a springboard to intermediate-level cybersecurity jobs.

In this course, you will prepare for the CompTIA Security+ SY0-701 certification while building your cybersecurity knowledge, skills, and abilities. Our Security+ Certification course provides the basic knowledge needed to plan, implement, and maintain information security. This includes risk management, host and network security, authentication and access control systems, cryptography, and organizational security. This course maps to the CompTIA Security+ certification exam (SY0-701).

What Will You Learn?

- Assess the security posture of an enterprise environment and recommend and implement appropriate security solutions
- Monitor and secure hybrid environments, including cloud, mobile, and IoT
- Operate with an awareness of applicable laws and policies, including principles of governance, risk, and compliance
- Identify, analyze, and respond to security events and incidents.

Who Should Attend?

- Network Administrators
- Cybersecurity Associates
- IT personnel interested in pursuing a career in cybersecurity

COURSE CONTENT

Lesson 1: Summarize Fundamental Security Concepts

Lesson 2: Compare Threat Types

Lesson 3: Explain Cryptographic Solutions

Lesson 4: Implement Identity and Access Management

Lesson 5: Secure Enterprise Network Architecture

Lesson 6: Secure Cloud Network Architecture

Lesson 7: Explain Resiliency and Site Security Concepts

Lesson 8: Explain Vulnerability Management

Lesson 9: Evaluate Network Security Capabilities

Lesson 10: Assess Endpoint Security Capabilities

Lesson 11: Enhance Application Security Capabilities

Lesson 12: Explain Incident Response and Monitoring Concepts

Lesson 13: Analyze Indicators of Malicious Activity

Lesson 14: Summarize Security Governance Concepts

Lesson 15: Explain Risk Management Processes

Lesson 16: Summarize Data Protection and Compliance Concepts