CompTIA

SECURITY +
EXAM SY0 - 701

The CompTIA Security+ certification is a leading industry standard for beginning a career in computer and network security and a preferred credential for entry-level cybersecurity job roles. Candidates receive hands-on training for core technical skills in risk assessment and management, incident response, forensics, enterprise networks, hybrid/cloud operations, and security controls, ensuring highperformance on the job.

Course Modules

1. Summarizing Fundamental Security Concepts
2. Comparing Threat Types
3. Explain Cryptographic Solutions
4. Implement Identity and Access Management
5. Secure Enterprise Network Architecture
6. Secure Cloud Network Architecture
7. Explain Resiliency and Site Security Concepts
8. Explain Vulnerability Management
9. Evaluate Network Security Capabilities
10. Assess Endpoint Security Capabilities
11. Enhance Application Security Capabilities
12. Explain Incident Response and Monitoring Concepts
13. Analyze Indicators of Malicious Activity
14. Summarize Security Governance Concepts
15. Management Processes
16. Summarize Data Protection and Compliance Concepts

Scope

- Duration: 5 days
- Format: Lecture, demo and hands-on labs
- Certification Exam (Not Included):
  - CompTIA Security+ SY0-701

Objectives:

This course can benefit you in two ways. If you intend to pass the CompTIA Security (Exam SY0-701) certification examination, this course can be a significant part of your preparation. But certification is not the only key to professional success in the field of IT security. Today's job market demands individuals with demonstrable skills, and the information and activities

In this course can help you build your cybersecurity skill set so that you can confidently perform your duties in any entry-level security role.

On course completion, you will be able to do the following:

- Summarize fundamental security concepts.
- Compare threat types.
- Explain appropriate cryptographic solutions.
- Implement identity and access management.
- Secure enterprise network architecture.
- Secure cloud network architecture.
- Explain resiliency and site security concepts.
- Explain vulnerability management.
- Evaluate network security capabilities.
- Assess endpoint security capabilities.
- Enhance application security capabilities.
- Explain incident response and monitoring concepts.
- Analyze indicators of malicious activity.
- Summarize security governance concepts.
- Explain risk management processes.
- Summarize data protection and compliance concepts.

Target Audience

The Official CompTIA Security (Exam SY0-707) is the primary course you will need to take if your job responsibilities include safeguarding networks, detecting threats and securing data in your organization. You can take this course to prepare for the CompTIA Security» (Exam SY0-701) certification examination.

Prerequisites

To ensure your success in this course, you should have a minimum of two years of experience in IT administration with a focus on security, hands-on experience with technical information security, and a broad knowledge of security concepts. CompTIA A+ and CompTIA Network, or the equivalent knowledge, is strongly recommended.