

CompTIA - Security+

Duration: 5 days

Audience: Professionnel TI

Who is this training for?

Network engineers who are looking to gain fundamental knowledge of network security through obtaining Security+ certification

Training objectives

In this course, you will learn how to diagnose security events and incidents and operate within the framework of applicable policies, laws and regulations. Provide security for infrastructure, applications, information, and operations by identifying and mitigating risks. You will learn the following topics from CompTIA Security+:

- General Security Concepts
- Threats, Vulnerabilities and Mitigations
- Security Architecture
- Security Operations
- Security Program Management and Oversight

Summary

Our Security+ Certification Prep course provides the foundational knowledge needed to plan, implement, and maintain information security in a vendor-neutral environment. This includes risk management, host and network security, authentication and access control systems, cryptography, and organizational security. This course is aligned with the CompTIA Security+ Certification Exam (SY0-701).

Course outline

You will study the following areas of Security+:

- Threats, Attacks and Vulnerabilities

- Technologies and Tools
- Architecture and Design
- Identity and Access Management
- Risk Management
- Cryptography and PKI

Approach and methodology

Conceptual and applied approach, focused on security scenario analysis, risk identification and the application of security controls, in accordance with best practices and recognized frameworks.

Prerequisites

- 2 years of experience in IT administration with a focus on security
- Understanding of operating systems and knowledge of Windows systems
- Ability to identify the basic components of a network and their roles, including routers, switches, firewalls and server roles
- Some knowledge of firewall configuration
- Understanding of wireless networks
- Understanding of OSI model and TCP/IP, including IPv4 subnetting

Recommendations

We also recommend that you have taken the CompTIA A+ course or equivalent content.

Certifications

Certification Exam Objectives: SY0-701.

Prepare for the CompTIA Security+ SY0-701 certification while developing your cybersecurity knowledge, skills, and abilities.

Legal notices

This training is offered in French or English. Please note that official course materials are available in English only. © CompTIA