

CompTIA Network+ (N10-009)

Course Description

CompTIA Network+ is a global certification that validates the baseline skills necessary to establish, maintain, troubleshoot and secure networks in any environment, preparing you for a rewarding career in networking and cybersecurity.

Course Duration:

5 days

Prerequisites:

Recommended certification exam experience: A minimum of 9–12 months of experience in the IT networking field

Objectives:

After you successfully complete this course, expect to be able to:

- Establish network connectivity by deploying wired and wireless devices.
- Explain the purpose of documentation and maintain network documentation.
- Configure common network services.
- Explain basic data center, cloud, and virtual-networking concepts.
- Monitor network activity and troubleshoot performance and availability issues.
- Implement network security hardening techniques.
- Manage, configure, and troubleshoot network infrastructure.

Course Outline:

- Lesson 1: Explaining Network Topologies
- Lesson 2: Supporting Cabling and Physical Installations
- Lesson 3: Configuring Interfaces and Switches
- Lesson 4: Configuring Network Addressing
- Lesson 5: Configuring Routing and Advanced Switching
- Lesson 6: Implementing Network Services
- Lesson 7: Explaining Application Services
- Lesson 8: Supporting Network Management
- Lesson 9: Explaining Network Security Concepts
- Lesson 10: Applying Network Security Features
- Lesson 11: Supporting Network Security Design
- Lesson 12: Configuring Wireless Networks
- Lesson 13: Comparing Remote Access Methods
- Lesson 14: Summarizing Cloud Concepts
- A.0 Network Sandbox
- B.0 CompTIA Network+ N10-009 Practice Exams

Who Should Attend

This course is designed for people who are seeking to launch a career in networking and cybersecurity. Job roles that Network+ maps to: • Junior Network Administrator • NOC Technician • Systems Administrator • Datacenter Support Technician • Telecommunications Technician • IT Support Manager • Tier II Support Technician