

CompTIA Network +

Course Duration: 10 Days

Course Overview

The CompTIA Network+ course builds on your existing user-level knowledge and experience with personal computer operating systems and networks to present the fundamental skills and concepts that you will need to use on the job in any type of networking career. If you are pursuing a CompTIA technical certification path, the CompTIA A+ certification is an excellent first step to take before preparing for the CompTIA Network+ certification.

The CompTIA Network+ course can benefit you in two ways. It can assist you if you are preparing to take the CompTIA Network+ examination (Exam N10-007). Also, if your job duties include network troubleshooting, installation, or maintenance, or if you are preparing for any type of network-related career, it provides the background knowledge and skills you will require to be successful.

Upon Completion

Students will:

- Identify basic network theory concepts and major network communications methods
- Describe bounded network media.
- Identify unbounded network media.
- Identify the major types of network implementations.
- Identify TCP/IP addressing and data delivery methods.
- Implement routing technologies.
- Identify the major services deployed on TCP/IP networks.
- Identify the infrastructure of a WAN implementation.
- Identify the components used in cloud computing and virtualization.
- Describe basic concepts related to network security.
- Prevent security breaches.
- Identify the components of a remote network implementation.
- Identify the tools, methods, and techniques used in managing a network.
- Describe troubleshooting of issues on a network.
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Class Format Options:

Live, Online led-Instructor

Prerequisites:

Basic Windows end-user computer skills

Certification Exam:

CompTIA Network+ Certification

Course Content

- Lesson 1:** Network Theory
- Lesson 2:** Bounded Network Media
- Lesson 3:** Unbounded Network Media
- Lesson 4:** Network Implementations
- Lesson 5:** TCP/IP Addressing and Data Delivery
- Lesson 6:** Routing
- Lesson 7:** TCP/IP Services
- Lesson 8:** WAN Infrastructure
- Lesson 9:** Cloud and Virtualization Technologies
- Lesson 10:** Network Security Basics
- Lesson 11:** Preventing Security Breaches
- Lesson 12:** Responding to Security Incidents
- Lesson 13:** Remote Networking
- Lesson 14:** Network Management
- Lesson 15:** Troubleshooting Network Issues