Course Title: CompTIA Network+	**Course Duration**: 5.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: CompTIA Network+ Certificate	

Course Syllabus

Our CompTIA Network+ training course covers the following Modules:

Module 1: Networking Fundamentals

- Open Systems Interconnection (OSI) model layers and encapsulation concepts
- Characteristics of network topologies and network types
- Types of cables and connectors and explain which is the appropriate type for a solution
- Configuring a subnet and using appropriate IP addressing schemes given a scenario
- Common ports and protocols, their application, and encrypted alternatives
- Applications and purpose of network services
- Basic corporate and data center network architecture
- Cloud concepts and connectivity options

Module 2: Network Implementations

- Various devices, their features, and their appropriate placement on the network
- Routing technologies and bandwidth management concepts
- Configuring and deploying standard Ethernet switching features given a scenario
- Installing and configuring the appropriate wireless standards and technologies given a scenario

Module 3: Network Operations

- Use the appropriate statistics and sensors to ensure network availability
- Use organisational documents and policies
- Navigate high availability and disaster recovery concepts and summarise which is the best solution

Module 4: Network Security

- Common security concepts
- Common types of attacks
- How to apply network hardening techniques given a scenario
- Remote access methods and security implications
- The importance of physical security

Module 5: Network Troubleshooting

- Network troubleshooting methodology
- Troubleshooting common cable connectivity issues and selecting the appropriate tools
- Using the appropriate network software tools and commands
- Troubleshooting common wireless connectivity issues

- Troubleshooting general networking issues, given a scenario

Course Overview

Our five-day CompTIA Network+ training course will validate your knowledge and skills to troubleshoot, configure and manage common wired and wireless network.

It certifies a basic understanding of emerging technologies including unified communications, mobile, cloud and virtualisation technologies.

Unlike other vendor-specific networking certifications, the CompTIA Network+ certification will prepare you to support networks on any platform.

Our CompTIA Network+ training course will cover the hands-on skills and precise knowledge needed in today's networking environments.

Course Learning Outcomes

After completing our CompTIA Network+ training course, you should be able to:

- Deploy and troubleshoot Ethernet networks.
- Support IPv4 and IPv6 networks.
- Configure and troubleshooting routers.
- Support network services and applications.
- Ensure network security and availability.
- Deploy and troubleshooting wireless networks.
- Support organisational procedures and site security controls.
- Summarise cloud and data center architecture.

Audience

Our CompTIA Network+ training course is suitable for those whose job responsibilities include network administration, installation and security within their organisation.

Entry-Level Requirements

You should meet the following prerequisites:

- CompTIA recommends 9 to 12 months of network-related IT experience.

Recommended Reading

There is no recommended reading with our CompTIA Network+ training course.

What's Included

Our CompTIA Network+ training course includes the following:

- Full Course Materials

- Study Guide: Labs, and practice questions included
- CompTIA Network+ exam voucher
- CompTIA Network + Exam Preparation
- After-course one-on-one instructor coaching

Exam Information

The following examinations are ARE included in our CompTIA Network+ training course:

- N10-008 - CompTIA Network +

What's Next

Our four-day CompTIA IT Fundamentals training course will teach you the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies.

Additional Information

The CompTIA Network+ certification is a comprehensive, vendor-neutral credential that validates competencies in the essential skills and knowledge needed for managing, maintaining, troubleshooting, installing, and configuring crucial network infrastructure. This certification can be a stepping stone for vendor-specific certifications, such as Cisco CCNA and Microsoft MCSA.