

CompTIA Network+ Certification

Learn the key aspects of networking with our highly popular CompTIA Network+ training course.

On this CompTIA Network+ course you will gain the knowledge to become a network engineer or anyone who has to support with networking. It allows you to maintain and set up wired or wireless networks.

Objective

This CompTIA Network+ training course lasts for a total of 4 days and teaches you the knowledge required to pass the related N10-006 exam.

At the end of completing the CompTIA Network+ training course delegates will:

- Have gained a great knowledge around networking
- Be able to assist in diagnosing networking problems
- Be a fundamental part of any networking team

Details

Duration: 4 Days

Who is this course for

There are no pre-requisites for the course. However, it is highly recommended that you have a good, basic knowledge of home networks, and have experience of using Microsoft Windows environments.

Course Content

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- Definition of a Network
- LANs, WANs and the Internet
- Functions of a Network
- Overview of Network Components
- Networking Models
- Definitions

Cards and Cabling

- Network Adapter Cards
- Configuring and Installing a Network Card
- Diagnosing Network Card Failure
- Network Cabling
- Twisted Pair Cable
- Other Cable Types
- LAN Topologies
- Installing Cabling
- Crimping Cables
- Testing Cables
- Building a BUS Network and Testing Network Communications

Networking Technologies

- Introduction to the OSI Model
- Brief Outline of the 7 Layers - Name and Function
- Network Card Drivers
- Installing and Configuring Network Card Drivers
- Bindings
- 802 Standards
- Ethernet
- Token Ring
- Other Technologies

Protocols

- Protocols
- TCP/IP
- IPX/SPX
- NetBEUI
- Characteristics of Network Protocols
- Choosing a Protocol
- Adding and Removing Protocols
- Protocol Configuration Problems

Extending Networks

- Repeaters and Hubs
- Bridges
- Routers and Bridge routers
- Network Addresses
- Routing Tables

