

Course Training

CompTIA Network+

Course Content

Networking is an essential part of business operations. Therefore, organizations must have personnel with knowledge and ability to manage network systems systematically and efficiently. The CompTIA Network+ course is a course that will help trainees develop knowledge, understanding, and skills in networking (Network Concept), network infrastructure, network protocols, network management, network troubleshooting, network security, and apply the knowledge gained from the training to take the CompTIA Network+ international certification exam.

Course Objectives

By the end of the course, you should be able to meet the following objectives:

- To provide trainees with knowledge and skills in Network management
- To provide trainees with knowledge and skills in Network setup, customization and security
- To provide trainees with knowledge and skills in CompTIA Network+ international certification exam

Who should attend

- Network Design Engineers
- Sales Engineers
- System Engineers
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Course Outline

- Comparing OSI Model Network Functions
- Deploying Ethernet Cabling
- Deploying Ethernet Switching
- Troubleshooting Ethernet Networks
- Explaining IPv4 Addressing
- Supporting IPv4 and IPv6 Networks
- Configuring and Troubleshooting Routers
- Network Topologies and Types
- Transport Layer Protocols
- Network Services
- Network Applications
- Ensuring Network Availability
- Common Security Concepts
- Supporting and Troubleshooting Secure Networks

- Deploying and Troubleshooting Wireless Networks
- Comparing WAN Links and Remote Access Methods
- Organizational and Physical Security Concepts
- Disaster Recovery and High Availability Concepts
- Network Hardening Techniques
- Cloud and Datacenter Architecture