



HEROTEC
NETWORK PROFESSIONAL TRAINING

CompTIA Network+ N10-008 Course Outline

Target Audience & Job Roles:

- Network Engineer
- Datacenter Support Technician
- Junior Network Administrator
- NOC Technician
- Systems Administrator
- Telecommunications Technician

Course Objectives

- The CompTIA Network+ certification exam will verify the successful candidate has the skills required to implement enterprise-level wired and wireless network solutions; identify and troubleshoot network performance issues; and harden networks against threats to mitigate security vulnerabilities.
- CompTIA Network+ validates the technical skills needed to securely establish, maintain and troubleshoot the essential networks that businesses rely on.
- This course is for IT candidates preparing to take the CompTIA Network + certification exam: N10-008.

Technical Areas Covered:

- Networking Fundamentals
- Network Implementations
- Network Operations
- IP addressing and connecting networks
- Wireless standards and technologies
- Network availability
- Securing and hardening networks
- Network Troubleshooting

What you Learn

- After completing the course, you will be able to:
 - Establish network connectivity by deploying wired and wireless devices
 - Understand and maintain network documentation
 - Understand the purpose of network services
 - Understand basic datacenter, cloud, and virtual networking concepts
 - Monitor network activity, identifying performance and availability issues
 - Implement network hardening techniques
 - Manage, configure, and troubleshoot network infrastructure

Network + Course Benefits:

- The CompTIA Network+ (N10-008) Covers networking technologies across all vendors & solutions
- All CompTIA certification exams are vendor-neutral. This ensures IT professionals can perform important job tasks in any technology environment.
- Network+ proves hands-on skills as official CompTIA content is not only study material but includes CertMaster, CompTIA Labs & CertMaster Practice to ensure you have the ability to apply knowledge learned.
- The CompTIA Network+ (N10-008) exam is accredited by ANSI to show compliance with the ISO 17024 standard and, as such, undergoes regular reviews and updates to the exam objectives.

Herotec Training Key Features

- Certified Trainers
- Official Courseware
- Course Knowledge setup to ensure “Learn by Doing”
- Downloadable files, links and checklists & more resources
- Affordable prices
- Flexibility

About the exam:

- Required exam: N10-008
- Number of questions: Maximum of 90
- Types of questions: Multiple-choice
- Exam duration: 90 minutes
- Recommended experience: 9-12 months of hands-on network administration experience
- Passing score: 720 (on a scale of 100–900)

Course Outlines:

Lesson 1: Comparing OSI Model Network Functions

Lesson 2: Deploying Ethernet Cabling

Lesson 3: Deploying Ethernet Switching

Lesson 4: Troubleshooting Ethernet Networks

Lesson 5: Explaining IPv4 Addressing

Lesson 6: Supporting IPv4 and IPv6 Networks

Lesson 7: Configuring and Troubleshooting Routers

Lesson 8: Explaining Network Topologies and Types

Lesson 9: Explaining Transport Layer Protocols

Lesson 10: Explaining Network Services

Lesson 11: Explaining Network Applications

Lesson 12: Ensuring Network Availability

Lesson 13: Explaining Common Security Concepts

Lesson 14: Supporting and Troubleshooting Secure Networks

Lesson 15: Deploying and Troubleshooting Wireless Networks

Lesson 16: Comparing WAN Links and Remote Access Methods

Lesson 17: Explaining Organizational and Physical Security Concepts

Lesson 18: Explaining Disaster Recovery and High Availability Concepts

Lesson 19: Applying Network Hardening Techniques

Lesson 20: Summarizing Cloud and Datacenter Architecture

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