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**Course Name**

# The CompTIA Network+ (N10-009) Certification Prep

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**Sector Name**

Internationally Certified Training Programs

**Document Type**

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## The CompTIA Network+ (N10-009) Certification Prep

### Course Introduction

Modern organizations depend on reliable, secure, and high-performing networks to operate effectively. As networks grow in complexity—spanning on-premises infrastructure, cloud services, and remote connectivity, there is an increasing need for professionals who understand networking concepts beyond basic configuration and troubleshooting.

Developed by **BOOST**, the CompTIA Network+ (N10-009) Certification Prep Course is designed to prepare professionals for the latest Network+ certification while building a strong, practical foundation in networking concepts. The course covers networking fundamentals, network implementation, operations, security, and troubleshooting, aligned with the N10-009 exam objectives.

This program emphasizes real-world networking knowledge alongside structured exam preparation, enabling participants to understand how networks function, diagnose issues, support secure connectivity, and confidently prepare for the CompTIA Network+ certification exam.



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## The CompTIA Network+ (N10-009) Certification Prep

### Target Audience

IT professionals and technical support staff seeking foundational networking certification and practical network knowledge.

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## The CompTIA Network+ (N10-009) Certification Prep

### Learning Objectives

- ✓ Understand core networking concepts and architectures
- ✓ Identify network components, protocols, and technologies
- ✓ Apply best practices for network configuration and operations
- ✓ Recognize common security risks and network vulnerabilities
- ✓ Prepare effectively for the CompTIA Network+ (N10-009) certification exam

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## The CompTIA Network+ (N10-009) Certification Prep

### Course Outline

#### ✓ DAY 01

##### **Networking Fundamentals and Network Models**

##### **Module 1: Networking Concepts and Fundamentals**

- ✓ Understanding basic networking concepts and terminology
- ✓ Types of networks and network communication principles
- ✓ Roles of networks in modern organizations

##### **Module 2: Network Models and Architectures**

- ✓ OSI and TCP/IP models and their functions
- ✓ Data flows across network layers
- ✓ Applying network models to real-world scenarios

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## The CompTIA Network+ (N10-009) Certification Prep

### Course Outline

#### ✓ Day 02

##### **Network Technologies, Devices, and Implementation**

##### **Module 1: Network Devices and Infrastructure Components**

- ✓ Functions of switches, routers, firewalls, and access points
- ✓ Cabling types and connectivity options
- ✓ Device placement and basic network design

##### **Module 2: Network Implementation Technologies**

- ✓ Ethernet standards and wireless technologies
- ✓ IP addressing fundamentals and subnetting concepts
- ✓ Implementing basic network configurations

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## The CompTIA Network+ (N10-009) Certification Prep

### Course Outline

#### ✓ Day 03

##### **Network Operations and Performance Management**

##### **Module 1: Network Operations and Monitoring**

- ✓ Day-to-day network operations and support tasks
- ✓ Monitoring network performance and availability
- ✓ Common network management tools and practices

##### **Module 2: Performance Optimization and Troubleshooting Basics**

- ✓ Identifying performance bottlenecks
- ✓ Understanding latency, bandwidth, and throughput
- ✓ Preventive measures to improve network reliability

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## The CompTIA Network+ (N10-009) Certification Prep

### Course Outline

#### ✓ Day 04

##### **Network Security Concepts and Risk Awareness**

##### **Module 1: Network Security Fundamentals**

- ✓ Core network security principles and objectives
- ✓ Common network threats and vulnerabilities
- ✓ Securing network devices and infrastructure

##### **Module 2: Risk Awareness and Security Best Practices**

- ✓ Security policies and access control concepts
- ✓ Monitoring and responding to security incidents
- ✓ User awareness and basic security compliance

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## The CompTIA Network+ (N10-009) Certification Prep

### Course Outline

#### ✓ Day 05

##### **Network Troubleshooting and Exam Preparation**

##### **Module 1: Network Troubleshooting Methodologies**

- ✓ Structured approach to network troubleshooting
- ✓ Diagnosing connectivity and performance issues
- ✓ Documenting and resolving network problems

##### **Module 2: Network+ Exam Preparation and Practice Review**

- ✓ Overview of N10-009 exam structure and domains
- ✓ Exam-style questions and scenario-based review
- ✓ Final revision and readiness assessment

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## The CompTIA Network+ (N10-009) Certification Prep

### Confirmed Sessions

| FROM           | TO             | DURATION | FEES       | LOCATION        |
|----------------|----------------|----------|------------|-----------------|
| May 24, 2027   | May 28, 2027   | 5 days   | 4250.00 \$ | UAE , Abu Dhabi |
| Sept. 14, 2026 | Sept. 18, 2026 | 5 days   | 4250.00 \$ | UAE , Abu Dhabi |
| Oct. 26, 2026  | Oct. 30, 2026  | 5 days   | 4250.00 \$ | UAE , Abu Dhabi |

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