CompTIA Network Plus Certification (Exam N10-009)

Category: Networking & Security | **Vendor:** CompTIA

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online, Mentored
Certification:	CompTIA Network+
Related Exam:	N10-009

Course Overview

CompTIA's Network+ certification is a foundation-level certification designed for IT professionals with around one year of experience, whose job role is focused on network administration.The CompTIA Network+ exam will certify the successful candidate has the knowledge and skills required to troubleshoot, configure, and manage common network devices; establish basic network connectivity; understand and maintain network documentation; identify network limitations and weaknesses; and implement network security, standards, and protocols. The candidate will have a basic understanding of enterprise technologies, including cloud and virtualization technologies. The Official CompTIA® Network+® (Exam N10-008): will teach you the fundamental principles of installing, configuring, and troubleshooting network technologies and help you to progress a career in network administration. In this course, you will build on your existing user-level knowledge and experience with personal computer operating systems and networks to master the fundamental skills and concepts that you will need to use on the job in any type of networking career.

About This Course

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The Official CompTIA® Network+® (Exam N10-008): will teach you the fundamental principles of installing, configuring, and troubleshooting network technologies and help you to progress a career in network administration. In this course, you will build on your existing user-level knowledge and experience with personal computer operating systems and networks to master the fundamental skills and concepts that you will need to use on the job in any type of networking career.

Who Should Attend

This course is intended for entry-level computer support professionals with a basic knowledge of computer hardware, software, and operating systems who wish to increase their knowledge and understanding of networking concepts and acquire the required skills to prepare for a career in network support or administration, or who wish to prepare for the CompTIA Network+ certification. CompTIA Network+ is the first certification IT professionals specializing in network administration and support should earn. Network+ is aimed at IT professionals with job roles such as network administrator, network technician, network installer, help desk technician, and IT cable installer. This course is also designed for students who are seeking the CompTIA Network+ certification and who want to prepare for the CompTIA Network+ N10-008 Certification Exam.

Prerequisites & Entry Requirements

General Prerequisites:

- CompTIA A+ Certification (Exams 220-1001 and 220-1002)

Learning Outcomes

Upon successful completion of this course, participants will be able to:

In this course, you will describe the major networking technologies and systems of modern networks and configure, manage, and troubleshoot modern networks. Explain the OSI and TCP/IP Models. Explain properties of network traffic. Install and configure switched networks. Configure IP networks. Install and configure routed networks. Configure and monitor ports and protocols. Explain network application and storage issues. Monitor and troubleshoot networks. Explain network attacks and mitigations. Install and configure security devices. Explain authentication and access controls. Deploy and troubleshoot cabling solutions. Implement and troubleshoot wireless technologies. Compare and contrast WAN technologies. Use remote access methods. Identify site policies and best practices.

Detailed Course Outline

1 - Explaining the OSI and TCP/IP Models

- Topic A: Explain OSI Model Layers
- Topic B: Explain the TCP/IP Suite

2 - Explaining Properties of Network Traffic

- Topic A: Explain Media Types and Access Methods
- Topic B: Deploy Ethernet Standards
- Topic C: Configure and Monitor Network Interfaces

3 - Installing and Configuring Switched Networks

- Topic A: Install and Configure Hubs and Bridges
- Topic B: Install and Configure Switches
- Topic C: Compare and Contrast Network Topologies
- Topic D: Compare and Contrast Network Types

4 - Configuring IP Networks

- Topic A: Configure IPv4 Addressing Components
- Topic B: Test IP Interfaces with Command Line Tools
- Topic C: Configure IPv4 Subnets
- Topic D: Configure Private and Public IPv4 Addressing Schemes
- Topic E: Configure IPv6 Addressing Components
- Topic F: Configure DHCP Services

5 - Installing and Configuring Routed Networks

- Topic A: Explain Characteristics of Routing
- Topic B: Install and Configure Routers

6 - Configuring and Monitoring Ports and Protocols

- Topic A: Explain the Uses of Ports and Protocols
- Topic B: Use Port Scanners and Protocol Analyzers
- Topic C: Explain the Use of Name Resolution Services
- Topic D: Configure DNS and IPAM Services

7 - Explaining Network Application and Storage Services

- Topic A: Explain the Uses of Network Applications
- Topic B: Explain the Uses of Voice Services and Advanced Networking Devices
- Topic C: Explain the Uses of Virtualization and Network Storage Services
- Topic D: Summarize the Concepts of Cloud Services

8 - Monitoring and Troubleshooting Networks

- Topic A: Monitor Network Interfaces and Logs
- Topic B: Explain Network Troubleshooting Methodology
- Topic C: Troubleshoot Common Network Services Issues

9 - Explaining Networking Attacks and Mitigations

- Topic A: Summarize Common Networking Attacks
- Topic B: Explain the Characteristics of VLANs
- Topic C: Explain the Characteristics of NAT and Port Forwarding

10 - Installing and Configuring Security Devices

- Topic A: Install and Configure Firewalls and Proxies
- Topic B: Explain the Uses of IDS/IPS and UTM

11 - Explaining Authentication and Access Controls

- Topic A: Explain Authentication Controls and Attacks
- Topic B: Explain the Uses of Authentication Protocols and Directory Services
- Topic C: Explain the Uses of Port Security and NAC
- Topic D: Implement Network Device Hardening
- Topic E: Explain Patch Management and Vulnerability Scanning Processes

12 - Deploying and Troubleshooting Cabling Solutions

- Topic A: Deploy Structured Cabling Systems
- Topic B: Deploy Twisted Pair Cabling Solutions
- Topic C: Test and Troubleshoot Twisted Pair Cabling Solutions
- Topic D: Deploy Fiber Optic Cabling Solutions

13 - Implementing and Troubleshooting Wireless Technologies

- Topic A: Install and Configure Wireless Technologies
- Topic B: Troubleshoot Wireless Performance Issues
- Topic C: Secure and Troubleshoot Wireless Connectivity

14 - Comparing and Contrasting WAN Technologies

- Topic A: Compare and Contrast WAN Core Service Types
- Topic B: Compare and Contrast WAN Subscriber Service Types
- Topic C: Compare and Contrast WAN Framing Service Types
- Topic D: Compae and Contrast Wireless and IoT WAN Technologies

15 - Using Remote Access Methods

- Topic A: Use Remote Access VPNs
- Topic B: Use Remote Access Management Methods

16 - Identifying Site Policies and Best Practices

- Topic A: Manage Networks with Documentation and Diagrams
- Topic B: Summarize the Purposes of Physical Security Devices
- Topic C: Compare and Contrast Business Continuity and Disaster Recovery Concepts
- Topic D: Identify Policies and Best Practices

, Networking Concepts, Network Implementation, Network Operations, Network Security, Network Troubleshooting

📜 Certification Path

CompTIA Network+

Exam: N10-009

Upcoming Schedule

Available training dates for CompTIA Network Plus Certification (Exam N10-009):

Start Date	End Date	Location	Delivery	Price
26 Oct 2026	30 Oct 2026	Online	Virtual	€2,495.00
09 Nov 2026	13 Nov 2026	Online	Virtual	€2,495.00
16 Nov 2026	20 Nov 2026	Online	Virtual	€2,495.00
07 Dec 2026	11 Dec 2026	Online	Virtual	€2,495.00
14 Dec 2026	18 Dec 2026	Online	Virtual	€2,495.00
04 Jan 2027	08 Jan 2027	Online	Virtual	€2,495.00

Additional Course Details

Nexus Humans CompTIA Network+ training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the CompTIA Network+ course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for CompTIA Network Plus Certification (Exam N10-009)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The CompTIA Network Plus Certification (Exam N10-009) course helps prepare you for the CompTIA Network+ certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the N10-009 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CompTIA Network Plus Certification (Exam N10-009) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the CompTIA Network Plus Certification (Exam N10-009) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for CompTIA Network Plus Certification (Exam N10-009)?

Yes, we provide corporate training, dedicated training, and closed classes for CompTIA Network Plus Certification (Exam N10-009). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: CompTIA Network+ Certification Prep (Exam N10-009), CompTIA, vILT

Q: Why choose Nexus Human for CompTIA Network Plus Certification (Exam N10-009)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your CompTIA Network Plus Certification (Exam N10-009) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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