

## CompTIA Network+

**Duration: 5 Days**    **Course Code: G005**    **Version: N10-009**    **Delivery Method: Virtual Learning**

### Overview:

CompTIA Network+ Certification Prep (N10-009) builds on your existing user-level knowledge and experience with personal computer operating systems and networks, adding fundamental skills and concepts that you will need to advance in a networking career. As such, it focuses on the content described in the exam objectives for the CompTIA Network+ certification.

Earning CompTIA's Network+ certification increases your value in the marketplace by providing proof of your knowledge, skills, and ability to manage, maintain, troubleshoot, install, operate, and configure a basic network infrastructure in a vendor-neutral format.

Our CompTIA Network+ Certification Prep Course allows you to demonstrate the concepts covered on the Network+ exam using a sophisticated remote lab environment. You will work through several practice exams to reinforce your knowledge and gain essential networking skills in labs featuring networking devices such as routers, switches, access points, and others.

### Target Audience:

CompTIA Network+ Certification Prep (N10-009) 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. In particular, the following individuals will benefit from this course:

- IT personnel who need a solid foundation in networking
- Managers and supervisors who must oversee network-related activities
- Individuals interested in pursuing the CompTIA Network+ certification exam N10-009

### Objectives:

- Establish network connectivity by deploying wired and wireless devices.
- Explain the purpose of documentation and maintain network documentation.
- Configure common network services.
- Explain basic data-center, cloud, and virtual-networking concepts.
- Monitor network activity and troubleshoot performance and availability issues.
- Implement network security hardening techniques.
- Manage, configure, and troubleshoot network infrastructure.

### Prerequisites:

Regardless of whether you have passed A+, it is recommended that you have the following skills and knowledge before starting this course:

- Configure and support PC, laptop, mobile (smartphone / tablet), and print devices.
- Know basic network terminology and functions (such as Ethernet, TCP/IP, switches, routers).
- Configure and manage users, groups, and shared resources in a simple SOHO network.
- Understand the use of basic access control measures, such as authentication, security policy, encryption, and firewalls.
- Understand TCP/IP addressing, core protocols and troubleshooting tools.
- G004 - CompTIA A+ Certification Accelerated

### Testing and Certification

Please note, this exam is not included in the list price and can be purchased separately with this course.

CompTIA Network+ validates the core skills necessary to establish, maintain, troubleshoot and secure networks in any environment, preparing you for a rewarding career in networking and cybersecurity.

- Maximum of 90 questions
  - Length of Test :90 Minutes
  - Passing Score: 720 (on a scale of 100-900)
  - Recommended Experience: CompTIA A+ Certification and at least 9 to 12 months of networking experience
- Languages** English initially, with Japanese, German, Portuguese and Spanish to follow

## Follow-on-Courses:

- CCNA - Implementing and Administering Cisco Solutions
- G012 - CompTIA Server+
- G013 - CompTIA Security+
- G015 - CompTIA PenTest+ Certification Prep Course
- G016 - CompTIA Linux+
- GK5867 - CompTIA CySA+ Cybersecurity Analyst

## Content:

- Explaining Network Topologies
- Supporting Cabling and Physical Installations
- Configuring Interfaces and Switches
- Configuring Network Addressing
- Configuring Routing and Advanced Switching
- Implementing Network Services
- Explaining Application Services
- Supporting Network Management
- Explaining Network Security Concepts
- Applying Network Security Features
- Supporting Network Security Design
- Configuring Wireless Networks
- Comparing Remote Access Methods
- Summarizing Cloud Concepts
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- Network Sandbox

## LABS

- Explaining Network Topologies
- Supporting Cabling and Physical Installations
- Configuring Interfaces and Switches
- Configuring Network Addressing
- Configuring Routing and Advanced Switching
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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)