

Updated 03/25/2025

Sign up

CompTIA Network+ training: Certification (N10-008)

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

3 days (21 hours)

Presentation

Our CompTIA Network+® training will effectively prepare you to pass the SY0-701 certification, one of the best certifications for proving your networking skills on any platform. This training will prepare you for the day-to-day tasks of [network administrators](#) and cybersecurity analysts.

CompTIA Network+ certification preparation is extremely popular, as it covers general concepts applicable to any network or operating system, rather than focusing on a single manufacturer.

Our course program covers basic networking concepts, management of essential technologies and devices, security, and network troubleshooting. You'll also learn how to implement functional networks and manage the devices essential for their smooth operation.

Our training begins with an introduction to the fundamental concepts of computer networks. This review of the basics is suitable for beginner administrators and analysts, but also for more experienced profiles who will be able to review the basics before taking the certification exam.

Training content

- 4-day training with a certified expert
- 1 year self-study access to the Labs
- 1 pass for certification

Objectives

- Getting ready for the Comptia network+© exam
- Implementing a secure network
- Be able to analyze a network in the event of a problem

Target audience

- Cybersecurity Analyst
- Network administrator

Prerequisites

- Recommended experience of 1 year in system/security administration

Note: Ambient IT is not the owner of Comptia Certifications©, this certification belongs to Comptia, Inc.

Comptia Network+© Certification Preparation Program

INTRODUCTION TO NETWORK FUNDAMENTALS

- OSI model layers
- Encapsulation concepts
- Topologies and network types
- Cable and connector types
- Subnet configuration
- Use of appropriate IP addressing schemes
- Common ports and protocols

NETWORK IMPLEMENTATION

- Miscellaneous devices: characteristics and appropriate placement
- Routing technologies
- Bandwidth management
- Standard Ethernet
- Wireless technology standards

NETWORK OPERATIONS

- Statistics and sensors to ensure network availability
- Use of organizational documents and policies

- High availability
- Disaster recovery

NETWORK SECURITY

- Common safety concepts
- Common types of attack
- Application of network hardening techniques
- Remote access methods and security implications
- Importance of physical security

NETWORK TROUBLESHOOTING

- Network troubleshooting
- Connecting cables and selecting the right tools
- Network software commands
- Common wireless connectivity problems
- Troubleshooting general network problems

FAQ - QUESTIONS / ANSWERS

In what language is Comptia Network+ taught?

The course is in French.

Is the exam included in the course price?

Yes, the price of the certification is included in the cost of the course ([333€](#) for information only). You can take the exam at the end of the session.

How does the Comptia Network+ certification exam work?

The exam consists of a performance-based MCQ of up to **90 questions**. It is taken online at an approved Pearson Vue test center.

The exam lasts **90 minutes** and is available in English and French.

To pass this exam, you need to score a minimum of 720 points, on a scale from 100 to 900 points.

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.