

Training: CompTIA  
CompTIA Network+ Prep Course

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	1200 EUR	5 days
Traditional	CTAB Tablet	1300 EUR	5 days
Distance learning	Digital materials	1200 EUR	5 days
Distance learning	CTAB Tablet	1200 EUR	5 days

## LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

## TRAINING TERMS

2019-09-09 | 5 days | Warszawa

2019-10-07 | 5 days | Kraków

## TRAINING GOALS:

The **CompTIA Network+ certification** is an internationally recognized validation of the technical knowledge required of foundation-level IT network practitioners. This international vendor-neutral certification requires that you pass **CompTIA Network+ Exam N10-007**.

In this course with a particular focus on CompTIA Network+ certification exam preparation, you'll gain the knowledge and skills required to troubleshoot, configure, and manage common network wireless and wired devices, establish basic network design and 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 emerging technologies including unified communications, mobile, cloud, and virtualization technologies.

*Each participant in an authorized training **CompTIA Network+ Prep Course** held in Compendium EC will receive a free N10-007 CompTIA Network+ Certification Exam voucher.*

## CONSPECT:

- Network architecture
  - Explain the functions and applications of various network devices
  - Compare and contrast the use of networking services and applications
  - Install and configure some of networking services/applications

- Explain the characteristics and benefits of various WAN technologies
- Install and properly terminate various cable types and connectors using appropriate tools
- Differentiate between common network topologies
- Differentiate between network infrastructure implementations
- Given a scenario, implement and configure the appropriate addressing schema
- Explain the basics of routing concepts and protocols
- Identify the basics elements of unified communication technologies
- Compare and contrast technologies that support cloud and virtualization
- Given a set of requirements, implement a basic network
- Network operations
  - Given a scenario, use appropriate monitoring tools
  - Given a scenario, analyze metrics and reports from monitoring and tracking performance tools
  - Given a scenario, use appropriate resources to support configuration management
  - Explain the importance of implementing network segmentation
  - Given a scenario, install and apply patches and updates
  - Given a scenario, configure a switch using proper features
  - Install and configure wireless LAN infrastructure and implement the appropriate technologies in support of wireless capable devices
- Network security
  - Compare and contrast risk related concepts
  - Compare and contrast common network vulnerabilities and threats
  - Given a scenario, implement network hardening techniques
  - Compare and contrast physical security controls
  - Given a scenario, install and configure a basic firewall
  - Explain the purpose of various network access control models
  - Summarize basic forensic concepts
- Troubleshooting
  - Given a scenario, implement the following network troubleshooting methodology
  - Given a scenario, analyze and interpret the output of troubleshooting tools
  - Given a scenario, troubleshoot and resolve common wireless issues
  - Given a scenario, troubleshoot and resolve common copper cable issues
  - Given a scenario, troubleshoot and resolve common fiber cable issues
  - Given a scenario, troubleshoot and resolve common network issues
  - Given a scenario, troubleshoot and resolve common security issues
  - Given a scenario, troubleshoot and resolve common WAN issues
- Industry standards, practices, and network theory

- Analyze a scenario and determine the corresponding OSI layer
- Explain the basics of network theory and concepts
- Given a scenario, deploy the appropriate wireless standard
- Given a scenario, deploy the appropriate wired connectivity standard
- Given a scenario, implement the appropriate policies or procedures
- Summarize safety practices
- Given a scenario, install and configure equipment in the appropriate location using best practices
- Explain the basics of change management procedures
- Compare and contrast the following ports and protocols
- Given a scenario, configure and apply the appropriate ports and protocols

## REQUIREMENTS:

- [CompTIA A+ certification](#) or equivalent knowledge, though CompTIA A+ certification is not required.
- Have at least 9 to 12 months of work experience in IT networking.

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by CompTIA (course completion). This course will help prepare you for the **CompTIA Network+ certification exam**, which is available through the [Pearson VUE test centers](#).

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## TRAINER:

Authorized CompTIA Trainer.