

Training: CompTIA

CompTIA Network+ Prep Course



TRANING TERMS

2025-12-22 | 5 days | Warszawa / Virtual Classroom

TRAINING GOALS:

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.

The CompTIA Network+ certification exam will certify the successful candidate has the knowledge and skills required to:

- 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.

CompTIA Network+ is approved for DoD 8140.03.

Each participant in an authorized training CompTIA Network+ Prep Course held in Compendium CE will receive a free N10-009 CompTIA Network+ Certification Exam vouchers.

Jobs You Can Land With CompTIA Security+

- Systems Administrator
- Network Administrator
- Tier II IT Support Technician
- IT Support Manager
- Data Center Technician

CONSPECT:

Networking Concepts

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- Explain concepts related to the Open Systems Interconnection (OSI) reference model.
- Compare and contrast networking appliances, applications, and functions.
- Summarize cloud concepts and connectivity options.
- Explain common networking ports, protocols, services, and traffic types.
- Compare and contrast transmission media and transceivers.
- Compare and contrast network topologies, architectures, and types.
- Given a scenario, use appropriate IPv4 network addressing.
- Summarize evolving use cases for modern network environments.

Network Implementation

- Explain characteristics of routing technologies.
- Given a scenario, configure switching technologies and features.
- Given a scenario, select and configure wireless devices and technologies.
- Explain important factors of physical installations.

Network Operations

- Explain the purpose of organizational processes and procedures.
- Given a scenario, use network monitoring technologies.
- Explain disaster recovery (DR) concepts.
- Given a scenario, implement IPv4 and IPv6 network services.
- Compare and contrast network access and management methods.

Network Security

- Explain the importance of basic network security concepts.
- Summarize various types of attacks and their impact to the network.
- Given a scenario, apply network security features, defense techniques, and solutions.

Network Troubleshooting

- Explain the troubleshooting methodology.
- Given a scenario, troubleshoot common cabling and physical interface issues.
- Given a scenario, troubleshoot common issues with network services.
- Given a scenario, troubleshoot common performance issues.
- Given a scenario, use the appropriate tool or protocol to solve networking issues.

REQUIREMENTS:

CompTIA A+ certification or equivalent knowledge and a minimum of 9-12 months of hands-on experience working in a junior network administrator/network support technician job role.

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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.

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