



# CompTIA Network+ Exam Prep Training Course



**AGILE LEADERS**  
Training Center

## CompTIA Network+ Exam Prep Training Course

### Course Overview:

The course is an intensive, complete program designed to equip participants with the skills and knowledge necessary to pass the CompTIA Network+ N10-007 certification exam. This course covers essential networking concepts, including Networking Basics, Network Infrastructure, Network Security, Network Management, and Network Troubleshooting Skills. It also delves into the design and implementation of networks, ensuring resilience and security. With Network+ Certification Practice Tests, students can gauge their readiness and confidence for the exam. The course includes Network+ Certification Study Notes and a detailed N10-007 Study Guide, ensuring thorough preparation. Additionally, participants will learn about Virtual Networks and receive guidance on tackling CompTIA Performance-Based Questions. This online course is ideal for individuals pursuing a career in networking and security, providing a solid foundation for the Network+ Certification 2021.

### Target Audience:

- Network Administrators
- IT Support Specialists
- Systems Engineers
- Network Technicians
- Anyone aiming to pass the CompTIA N10-007 Certification Exam

### Targeted Organizational Departments:

- IT Departments
- Network Operations Centers
- Cybersecurity Teams
- Technical Support Units
- Infrastructure Management Departments

### Targeted Industries:

- Information Technology IT
- Telecommunications
- Financial Services
- Healthcare
- Government Agencies



## Course Offerings:

By the end of this course, participants will be able to:

- Design and implement secure networks
- Troubleshoot and resolve network issues
- Manage network devices and infrastructure
- Understand Virtual Networks and their applications
- Prepare thoroughly for the CompTIA N10-007 Certification Exam using Network+ Certification Study Notes and practice tests

## Training Methodology:

This course employs instructional techniques, including interactive lectures, case studies, and group discussions. Participants will engage in hands-on labs and real-world simulations to practice **Network Troubleshooting Skills** and Network Management. The course includes feedback sessions to address queries, ensuring complete understanding. Emphasis is placed on practical applications and preparing for CompTIA Performance-Based Questions, providing a robust foundation for the Network+ Certification 2021.

## Course Toolbox:

- complete Network+ Certification Study Notes
- Two simulated Network+ Certification Practice Tests
- Access to online resources and video lectures
- Interactive case studies
- Checklists and templates for Network Security and management practices

## Course Agenda:

### Day 1: Introduction to Networking

- **Topic 1:** Overview of CompTIA Network+ Certification Exam N10-007
- **Topic 2:** Basics of Networking - Understanding Network Models and Topologies
- **Topic 3:** Networking Components - Hardware and Software Essentials
- **Topic 4:** Introduction to Network Infrastructure - Key Concepts and Technologies
- **Topic 5:** Network Security Fundamentals - Basic Principles and Threats
- **Topic 6:** Managing Network Devices - Configuration and Monitoring
- **Reflection & Review:** Key Takeaways and Q&A Session

### Day 2: Network Infrastructure and Security

- **Topic 1:** In-depth Network Infrastructure - Routing and Switching Concepts



- **Topic 2:** Network Security - Implementing Security Protocols and Firewalls
- **Topic 3:** Wireless Networking - Standards, Security, and Best Practices
- **Topic 4:** Virtual Networks - Concepts, Setup, and Management
- **Topic 5:** Network Access and Identity Management - Ensuring Secure Access
- **Topic 6:** Troubleshooting Network Issues - Identifying and Resolving Problems
- **Reflection & Review:** Recap of Key Concepts and Interactive Q&A

### Day 3: Advanced Networking and Management

- **Topic 1:** Advanced Routing and Switching - Protocols and Configuration
- **Topic 2:** Network Management - Tools and Techniques for Effective Monitoring
- **Topic 3:** Performance Optimization - Tuning and Enhancing Network Performance
- **Topic 4:** Cloud Networking - Understanding Cloud Services and Deployment
- **Topic 5:** Network Automation and Scripting - Streamlining Network Management
- **Topic 6:** Preparing for CompTIA Performance-Based Questions - Practice and Tips
- **Reflection & Review:** Review of Day's Topics and Practice Questions Discussion

### Day 4: Comprehensive Exam Preparation

- **Topic 1:** Comprehensive Review of Network+ Exam Objectives
- **Topic 2:** Network Design and Implementation - Best Practices and Strategies
- **Topic 3:** Ensuring Network Resilience - Backup, Recovery, and Redundancy
- **Topic 4:** Security Implementation - Advanced Security Measures and Controls
- **Topic 5:** Exam Strategies - Tackling Multiple-Choice and Scenario-Based Questions
- **Topic 6:** Full-Length Practice Exam 1 - Simulated Exam Experience
- **Reflection & Review:** Review Practice Exam Results and Key Areas of Focus

### Day 5: Final Exam Review and Career Guidance

- **Topic 1:** Analyzing Practice Exam Performance - Strengths and Weaknesses
- **Topic 2:** Final Review of Key Topics - Last-Minute Preparation Tips
- **Topic 3:** Understanding Exam Logistics - Registration, Scheduling, and Rules
- **Topic 4:** Networking Career Pathways - Leveraging Network+ Certification
- **Topic 5:** Continuous Learning and Skill Development - Staying Current in Networking
- **Topic 6:** Full-Length Practice Exam 2 - Final Assessment and Confidence Building
- **Reflection & Review:** Course Summary, Career Advice, and Next Steps

## How This Course is Different from Other Network+ Courses:

The course distinguishes itself through its complete coverage of both foundational and advanced networking topics, tailored specifically for the CompTIA Network+ N10-007 Certification Exam. Unlike other courses, it offers a unique blend of theoretical knowledge and practical skills, emphasized through Network+ Certification Practice Tests and real-world case studies. Our course includes a rich toolbox with Network+ Certification Study Notes, Virtual Networks simulations, and updated content



**AGILE LEADERS**  
Training Center

aligned with the latest industry trends.

# WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

## OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

## OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

## WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



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## Gamified and Interactive Training

We understand that training delivery can be challenging, both online and offline. To ensure engagement and achieve learning objectives, we have developed our own activities and collaborated with industry-leading solutions to gamify our training sessions. This approach increases interaction levels and guarantees effective learning outcomes.



## Our Training Categories

We cover a wide range of training categories to cater to different needs and interests

- Branding, Marketing, Customer Relations, & Sales Programs
- Political & Public Relations Programs
- Finance and Accounting Programs
- Project Management Programs
- Human Resources Management Programs
- Quality & Process Management
- Management & Leadership Programs
- Self-Development Programs

Join Agile Leaders today and embark on a transformative journey towards becoming a more agile and effective leader. Experience our customer-centric approach, actionable training, and guaranteed return on investment. Let us help you unleash your full potential in the dynamic business landscape.



## Where to Find Us

You can join our training programs at our centers located in



We also offer online training sessions through the Zoom platform.

- Malaysia** Kuala Lumpur
- Morocco** Casablanca
- Spain** Barcelona
- France** Paris
- UK** London
- Italy** Rome
- Egypt** Cairo, Sharm El-Sheikh
- Turkey** Istanbul
- Georgia** Tbilisi
- Azerbaijan** Baku
- UAE** Dubai



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