

CompTIA.

# CompTIA Network+

Exam N10-008

# Introduce Yourself

- Name
- Company/job role
- Type and amount of experience
- Expectations and objectives

# About This Course

- CompTIA
  - Not-for-profit trade association
  - Advance interests of IT professionals and IT channel organizations
- CompTIA Network+
  - Entry-level certification for professionals with 9-12 months' work experience
  - Job roles such as junior network administrator and network support technician

# Course Description

- Deploy and troubleshoot Ethernet networks
- Support IPv4 and IPv6 networks
- Configure and troubleshooting routers
- Support network services and applications
- Ensure network security and availability
- Deploy and troubleshooting wireless networks
- Support WAN links and remote access methods
- Support organizational procedures and site security controls
- Summarize cloud and datacenter architecture

# How to Use the Study Notes

- Lessons
  - Areas of competency within target job role
- Topics
  - Job tasks
  - Exam objectives mapping
- Activities
- Glossary and index

# How to Use CertMaster Learn and the Learning Center

- [learn.comptia.org](https://learn.comptia.org)
- Strengths and weaknesses dashboard
- Lessons
  - Study guide
  - Videos
- Performance-based Questions (PBQs)
- Practice and assessments
  - Flashcards
  - Lesson practice questions
  - Final assessment
- Online reader

# Course Outline—Day One

- 1 | [Comparing OSI Model Network Functions](#)
- 2 | [Deploying Ethernet Cabling](#)
- 3 | [Deploying Ethernet Switching](#)
- 4 | [Troubleshooting Ethernet Networks](#)

# Course Outline—Day Two

- 5 | [Explaining IPv4 Addressing](#)
- 6 | [Supporting IPv4 and IPv6 Networks](#)
- 7 | [Configuring and Troubleshooting Routers](#)
- 8 | [Explaining Network Topologies and Types](#)



# Course Outline—Day Three

- 9 | [Explaining Transport Layer Protocols](#)
- 10 | [Explaining Network Services](#)
- 11 | [Explaining Network Applications](#)
- 12 | [Ensuring Network Availability](#)

# Course Outline—Day Four

- 13 | [Explaining Common Security Concepts](#)
- 14 | [Supporting and Troubleshooting Secure Networks](#)
- 15 | [Deploying and Troubleshooting Wireless Networks](#)
- 16 | [Comparing WAN Links and Remote Access Methods](#)

# Course Outline—Day Five

- 17 | [Explaining Organizational and Physical Security Concepts](#)
- 18 | [Explaining Disaster Recovery and High Availability Concepts](#)
- 19 | [Applying Network Hardening Techniques](#)
- 20 | [Summarizing Cloud and Datacenter Architecture](#)