

N10-008 CompTIA Net+, Part 1 of 7: Introduction to Networking

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Meet the expert: Patrick Loner has certifications for MCSA, MCSE, MCITP, A+, Network+, Security+, and more. He has been working as a Microsoft Certified Trainer, network administrator, and network consultant for over ten years. He has over a decade of experience working with and teaching about Windows networks with client and server operating systems. He has guided many students toward Microsoft and CompTIA certifications. Most recently, he has worked as a freelance trainer and network consultant specializing in Windows Server 2008 and Microsoft Exchange 2007 and Exchange 2010 implementations, design, and upgrades. Patrick continues to branch out now working with and training on Windows Server 2012, Windows 8, Exchange 2013, and System Center Configuration Manager 2012.

Prerequisites: This course assumes the user has some experience with computer hardware, software, and understands the concept of a computer network.

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Course description: This course is a part of the CompTIA Net+ body of knowledge focusing on the N10-008 Exam. This course covers Network Fundamentals, a look at Wireless Topologies, Network Components and Services as well as what it takes to become an IT Professional.

Course outline:

Network Fundamentals

- Introduction
- What is a Network
- Network Building Blocks
- Types of Networks
- Host Requirements
- Numbering Systems
- Demo: Working with Numbering Systems
- Communication Types
- Communication Concepts
- Summary

- Knowledge Specialization
- Developing Soft Skills
- Achieving Certification
- Planning for Certification
- Summary

Wireless Topologies

- Introduction
- Wireless Topologies
- Workgroup vs. Domain
- Topologies
- Physical Bus
- Physical Star
- Physical Ring
- Physical Mesh
- Logical Topologies
- Summary

Network Components and Services

- Introduction
- Network Components and Services
- Management Services
- Summary

Becoming an IT Professional

- Introduction
- Become an IT Professional