



MICROSOFT TRAINING

M98366a Microsoft Networking Foundations Course

Master fundamental Microsoft networking principles and configure Windows-based network services effectively.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The M98366a Microsoft Networking Foundations Course offers an intensive, two-hour introduction to the fundamental concepts of networking, specifically tailored through a Microsoft lens. This course is meticulously designed for IT professionals, help desk technicians, or anyone aspiring to build a solid base in network infrastructure within environments utilizing Microsoft technologies. Participants will gain a clear understanding of essential networking principles, how they are implemented, and the role they play in modern business operations.

Throughout this engaging course, you will delve into core networking technologies such as TCP/IP fundamentals, the OSI and TCP/IP models, common network protocols, and essential network devices like routers and switches. You'll explore the basics of IPv4 addressing, subnetting, and critical network services including DNS and DHCP that are ubiquitous in Microsoft-centric networks. The course also touches upon practical aspects like basic network troubleshooting tools and concepts.

Upon completion, attendees will possess the foundational knowledge required to effectively understand, support, and troubleshoot basic network connectivity issues in a Windows environment. This certification serves as an excellent stepping stone for further specialization in Microsoft network administration, server infrastructure, or cloud computing, enhancing your career prospects and validating your readiness for more advanced IT roles.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Fundamental Networking Principles

- Defining Networks and Network Types (LAN, WAN)
- Understanding the OSI and TCP/IP Reference Models
- Exploring Common Network Topologies (Star, Bus, Ring)
- Introduction to Network Devices (Hubs, Switches, Routers)

02 Module 2: TCP/IP and Core Network Services

- TCP/IP Fundamentals and Addressing (IPv4 Basics)
- Introduction to Subnetting and IP Address Classes
- Understanding the Domain Name System (DNS) Fundamentals
- Introduction to Dynamic Host Configuration Protocol (DHCP)
- Common Network Protocols (HTTP, FTP, SMB)

03 Module 3: Network Connectivity and Basic Troubleshooting

- Network Adapters and Network Media (Cables, Wireless)
- Basic Functions of Switches and Routers
- Introduction to Command-Line Networking Tools (ping, ipconfig, tracert)
- Basic Network Troubleshooting Methodologies

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Entry-Level IT Support Technician (focused on Windows environments)**
- > **Junior Network Administrator Assistant (supporting Microsoft server infrastructure)**
- > **Help Desk Analyst (specializing in network connectivity diagnosis and resolution)**

FREQUENTLY ASKED QUESTIONS

Q: What prior IT knowledge or experience is recommended before taking the M98366a Microsoft Networking Foundations Course?

While this course is foundational, a basic familiarity with computing concepts, operating systems (preferably Windows), and general IT terminology would be beneficial. No specific networking certifications or extensive experience are required, making it ideal for IT newcomers or those looking to formalize their informal networking knowledge.

Q: How does completing the M98366a course specifically prepare me for supporting Microsoft Windows Server network environments?

The M98366a course provides a solid understanding of the underlying networking principles that are crucial for Windows Server environments. You will learn about core services like DNS and DHCP, which are integral to Windows domain functionality, and gain proficiency with tools that help diagnose network issues within a Windows context. This knowledge directly translates into better support for Windows-based servers and clients.

Q: Given its short duration, how does the M98366a course fit into a broader Microsoft certification path, or what advanced courses should I consider next?

The M98366a serves as an excellent starting point, validating foundational networking knowledge essential for any Microsoft IT career path. After completing this course, you would be well-prepared to pursue more advanced certifications such as the Microsoft Certified: Azure Administrator Associate, Windows Server Hybrid Administrator Associate, or delve deeper into specialized networking courses that build upon these fundamental concepts.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

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Take the next step in your technology career.

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