

MTA 98-366 Networking Fundamentals Cert Prep

Modality: On Demand

Duration: 2.5 Hours

About this course:

Microsoft's latest suite of technology certification exam is Microsoft Technology Associate (MTA) that certifies necessary information required to start building a career utilizing Microsoft advancements. This program gives a proper point of entry to a future profession in innovation and supposes some hands-on training or experience but doesn't expect an on-the-job experience. Quizzes are incorporated toward the finish of each segment to give individual assessments of the information displayed in every exercise.

Skills measured:

- Network infrastructures understanding (30–35%)
- Protocols and services understanding (45-50%)
- Network hardware understanding (20–25%)

Note: This exam evaluates the ability to perform the above technical tasks. The percentages demonstrate the relative importance of each key subject area at the examination. The higher the number, the more questions you'll likely see on the exam's content area.

Benefits

For the individuals who are thinking about going into an IT profession and need to get familiar with the basics, getting MTA certification can be exceptionally advantageous.

A certification of MTA (Microsoft Technology Associate) provides the knowledge and expertise required for a particular product or technology and is the suggested beginning stage for the certifications of Microsoft. It offers a strong foundation, and with only one exam, you get a credential that will enable you to get started a profession in IT.

For those wanting to promote employability, having a world-famous degree could be vital to improving your profile. So move towards future employees and make yourself satisfied for your next job interview, realizing that you have a credential and the expertise that will empower a capable IT profession.

Course Objective:

Successful finishing of this course will enable students to:

- Understand protocols and services
- Understand network hardware
- Understand network infrastructures

Students who finish this course will gain knowledge to pass the MTA 98-366 Networking Fundamentals Exam successfully.

Audience:

- This course is intended for anybody keen on improving their skills of computer and networking

Prerequisite:

- Helpful to students who already have a basic understanding of computers and/or information technology. This class is also useful for anyone seeking to increase their computer knowledge.

Course Outline:

Introduction

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Lesson 1: Understanding Local Area Networking

- 01. Part 1 Examining Local Area Networks, Devices, and Data Transfer
- 02. Part 2 Examining Local Area Networks, Devices, and Data Transfer
- 03. Part 3 Identifying Network Topologies and Standards
- Lesson 1 Understanding Local Area Networking - 10 questions

Lesson 2 Defining Networks with the OSI Model

- Part 1 Understand the Open Systems Interconnection (OSI) model
- Part 2 Understand the Open Systems Interconnection (OSI) model
- Lesson 2 Defining Networks with the OSI Model - 10 questions

Lesson 3 Understanding Wired and Wireless Networks

- 06. Part 1 Understand media types
- 07. Part 2 Understand local area networks (LANs) and Wireless
- Lesson 3 Understanding Wired and Wireless Networks - 10 questions

Lesson 4 Understanding Internet Protocol

- 08. Part 1 Working with IPv4
- 09. Part 2 Working with IPv6

- Lesson 4 Understanding Internet Protocol - 10 questions

Lesson 5 Implementing TCPIP in the Command Line

- 10. Part 1 Using Basic TCP IP Commands
- Lesson 5 Implementing TCPIP in the Command Line - 10 questions

Lesson 6 Working with Networking Services

- 11. Part 1 Setting Up Common Networking Services
- Lesson 6 Working with Networking Services - 10 questions

Lesson 7 Understanding Wide Area Networks

- 12. Part 1 Defining Common WAN Technologies and Connections
- 13. Part 2 Defining Common WAN Technologies and Connections
- Lesson 7 Understanding Wide Area Networks - 10 questions

Lesson 8 Defining Network Infrastructure and Network Security

- 14. Part 1 Understand the concepts of internet, intranet, and extranet
- 15. Part 2 The concepts of internet, intranet, and extranet
- Lesson 8: Designing Network Infrastructure and Network Security - 10 questions