

Microsoft MTA Networking Fundamentals

Structured technical training and certification preparation

A practical, student-friendly outline covering understanding Local Area Networking, defining Networks with the OSI Model, understanding Wired and Wirel...

MODULES

10

LESSONS

45

FORMAT

Self-paced

Module Breakdown

MODULE 1

Understanding Local Area Networking

- 1.0 Intro to Networking Fundamentals
- 1.1 Exam Overview
- 1.1 Examining Local Network Devices and Data Transfers
 - 1a
 - 1b
 - 1c
 - 1d
 - 1e
 - 1f
- 1.2 Examining Local Network Devices and Data Transfers Part 2a

MODULE 1

Understanding Local Area Networking (continued)

- 1.2 Examining Local Network Devices and Data Transfers Part 2b

Module Breakdown (continued)

<p>MODULE 2</p> <p>Defining Networks with the OSI Model</p> <p>2.1 Defining Networks with OSI Model Part 1a 2.2 Defining Networks with OSI Model Part 1b 2.3 Defining Networks with OSI Model Part 1c 2.4 Defining Networks with OSI Model Part 1d 2.5 Defining Networks with OSI Model Part 1e 2.6 Defining Networks with OSI Model Part 1f 2.7 Defining Networks with OSI Model Part 1g 2.8 Defining Networks with OSI Model Part 1h</p>	<p>MODULE 3</p> <p>Understanding Wired and Wireless Networks</p> <p>3.1 Understand Wired and Wireless Networks Part1 3.2 Understand Wired and Wireless Networks Part2</p>
<p>MODULE 4</p> <p>Understanding Internet Protocol</p> <p>4.1 Understanding Internet Protocol Part1 4.2 Understanding Internet Protocol Part2</p>	<p>MODULE 5</p> <p>Implementing TCP-IP in the command line</p> <p>5.1 Implementing TCP/IP in the Command Line</p>
<p>MODULE 6</p> <p>Working with Networking Services</p> <p>6.1 Working with Networking Services</p>	<p>MODULE 7</p> <p>Understanding Wide Area Networks</p> <p>7.1 Understanding Wide Area Network Part1 7.2 Understanding Wide Area Network Part2</p>
<p>MODULE 8</p> <p>Defining Network Infrastructure and Security</p> <p>8.1 Defining Network Infrastructure & Network Security Part1 8.2 Defining Network Infrastructure & Network Security Part2</p>	<p>MODULE 9</p> <p>Key Takeaways</p> <p>1. Key Take Aways of Networking Fundamentals 2. Key Take Aways Mod1 3. Key Take Aways Mod2 4. Key Take Aways Mod3 5. Key Take Aways Mod4 6. Key Take Aways Mod5 7. Key Take Aways Mod6 8. Key Take Aways Mod7</p>
<p>MODULE 10</p> <p>Terms to Know</p> <p>1. Terms to Know Networking Fundamentals 2. Terms to Know Mod1 3. Terms to Know Mod2 4. Terms to Know Mod3 5. Terms to Know Mod4 6. Terms to Know Mod5 7. Terms to Know Mod6 8. Terms to Know Mod7 9. Terms to Know Mod8</p>	