

IT Infrastructure - Networking Fundamentals/Security Fundamental Courses

1. Networking Fundamentals

Course Description: In this course, you learn the building blocks of modern network design and function in preparation for the Microsoft Certification Exam 98-366: Networking Fundamentals, part of an MTA certification. Take this course to find out how to put the many pieces together to build a functional and secure network.

Video Module Number	Video Module Name	Video Module Links
		Networking Fundamentals
1	Understanding Local Area Networking	Understanding Local Area Networking
2	Defining Networks with the OSI Model	Defining Networks with the OSI Model
3	Understanding Wired and Wireless Networks	Understanding Wired and Wireless Networks
4	Understanding Internet Protocol	Understanding Internet Protocol
5	Implementing TCP/IP in the Command Line	Implementing TCP/IP in the Command Line
6	Working with Networking Services	Working with Networking Services
7	Understanding Wide Area Networks	Understanding Wide Area Networks
8	Defining Network Infrastructure and Network Security	Defining Network Infrastructure and Network Security

2. Networking Fundamentals: Academic Edition

Course Description: This independent study course is a fast-paced and comprehensive introduction to network fundamentals. In this course, you will explore the basics of networking, and get a firm understanding of the underlying concepts. Each of these modules for educators and other learners runs about 30 minutes and covers new concepts, while reinforcing earlier topics. Taught by educators with attention to the needs of school teachers and students, these courses address Local Area Networks (LANs), network definition using the OSI model, wired and wireless networks, Internet Protocol (IP), TCP/IP in the command line, networking services, wide area networks (WANs), and much more. Use this self-paced course to prepare for Exam 96-366, "Network Fundamentals," as part of your work toward MTA certification.

Video Module Number	Video Module Name	Video Module Links
1	Understanding Local Area Networks, Part 1	Understanding Local Area Networks, Part 1
2	Understanding Local Area Networks, Part 2	Understanding Local Area Networks, Part 2
3	Defining Networks with the OSI Model	Defining Networks with the OSI Model
4	Understanding Wired and Wireless Networks, Part 1	Understanding Wired and Wireless Networks, Part 1

Video Module Number	Video Module Name	Video Module Links
5	Understanding Wired and Wireless Networks, Part 2	Understanding Wired and Wireless Networks, Part 2
6	Understanding Internet Protocol	Understanding Internet Protocol
7	Implementing TCP/IP in the Command Line	Implementing TCP/IP in the Command Line
8	Networking Services	Networking Services
9	Understanding Wide Area Networks	Understanding Wide Area Networks
10	Concepts of the Internet	Concepts of the Internet

Security Fundamentals

Course Description: With this Microsoft Technology Associate (MTA) training course, you can prepare for MTA Exam 98-367. Build an understanding of security layers, operating system security, network security, and security software. The course leverages Microsoft Official Academic Course (MOAC) material for this exam.

Video Module Number	Video Module Name	Video Module Links
1	Understanding Security Layers	Understanding Security Layers
2	Authentication, Authorization, and Accounting	Authentication, Authorization, and Accounting
3	Understanding Security Policies	Understanding Security Policies
4	Understanding Network Security	Understanding Network Security
5	Protecting the Server and Client	Protecting the Server and Client