MD-100: Windows 10

Course Overview

This course will introduce students to Windows 10. Topics covered include installing Windows 10, configuring and personalizing Windows, updating Windows 10, networking in Windows 10, configuring storage, managing apps, configuring authorization and authentication, configuring access to files and folders, configuring security, and supporting and troubleshooting.

Course Introduction 2m

Course Introduction

Chapter 1 - Windows 10 Overview

Overview of the Windows Client

What's New

Small and Medium-Sized Businesses

Managing Desktops in an Enterprise Environment

Demo - Windows User Interface

Windows 10 Editions

Selecting a Windows 10 Edition

Minimum Hardware

Feature Specific Requirements

Chapter 2 - Windows 10 Installation and Deployment

Installation Methods

Activating Windows 10

Considerations for New Deployments

Demo - Installing Windows 10

Upgrading to Windows 10

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Upgrade Pros and Cons

Upgrade Pros and Cons

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Client Virtualization

Client Virtualization

Deployment Strategies

Deployment Tools

Deployment Tools

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28m

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Demo - Using the Settings App	
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Configuring Network Settings	
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IPv6 Addressing DNS Overview

DNS Queries

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Chapter 10 - Remote Network Features

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Configuring Wireless Settings

Demo - Configuring Wireless Settings and Miracast

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Demo - Creating a VPN Connection

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Dynamic Disks

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Monitoring Storage Use

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1h 1m

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<u>Chapter 15 - Malware and Antivirus Protection</u> Types of Malware	1h 6m
	1h 6m
Types of Malware	1h 6m
Types of Malware Mitigating Threats	1h 6m
Types of Malware Mitigating Threats Phishing	1h 6m
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Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats	1h 6m
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Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker Trusted Platform Module (TPM)	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker Trusted Platform Module (TPM) Demo - Using BitLocker	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker Trusted Platform Module (TPM) Demo - Using BitLocker Encrypting File System (EFS)	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker Trusted Platform Module (TPM) Demo - Using BitLocker Encrypting File System (EFS) Demo - Using EFS	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker Trusted Platform Module (TPM) Demo - Using BitLocker Encrypting File System (EFS) Demo - Using EFS Using AppLocker	1h 6m
Types of Malware Mitigating Threats Phishing Network Security Threats Mitigating Network Security Threats Windows Defender Antivirus Windows Defender Firewall Network Location Profiles Demo - Windows Defender Firewall IPSec Overview Connection Security Rules Authentication Options Monitoring Connections Demo - Configuring IPSec Connection Security Rules Security Compliance BitLocker Trusted Platform Module (TPM) Demo - Using BitLocker Encrypting File System (EFS) Demo - Using EFS	1h 6m

Windows Defender Advanced Threat Protection (ATP)

Chapter 16 - Understanding Hardware and System Drivers 16m Managing Devices Driver Rollback Feature **Driver Signing** Staging Device Drivers Hardware Related Issues Controlling USB Devices Troubleshooting Wireless Devices Obtaining Hardware Information **Best Practices** Physical Failures Vulnerable Devices Guidelines for Replacing Hardware Chapter 17 - Backup and Restore 35m File Recovery File History Azure Backup Backup and Restore Previous Versions File Recovery Options Demo - File Recovery Windows Installer Issues Resolving Deployment Problems Desktop App Problems Resolving Desktop App Problems Resolving UWP App Problems Resolving O365 Issues Troubleshooting Browser Issues 41m Chapter 18 - System Recovery and Troubleshooting Startup Architecture Understanding Device Recovery Windows Recovery Environment (RE) **Advanced Startup Options** Using Reset this PC Option System Restore Additional Windows RE Recovery Tools Demo - Operating System Recovery and Troubleshooting Working with BCD Store **Troubleshooting Windows Updates**

Services

Failed Service Identification

Recovering BitLocker Protected Drives Troubleshooting Sign In Errors

Disabling Services

Total Duration: 11h 54m