

## MD-100T00 Windows 10

### Overview

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In this course, students will learn how to support and configure Windows 10 desktops in an organizational environment. Students will develop skills that include learning how to install, customize, and update Windows 10 operating systems. Students will learn how to managing storage, files, and devices as well as how to configure network connectivity for Windows 10. Students will also learn how to secure the Windows 10 OS and protect the data on the device. Finally, students will learn how to manage and troubleshoot Windows 10.

### Prerequisite Comments

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Basic understanding of computer networks and hardware concepts.  
Basic understanding of OS and Application concepts.  
Experience with using the Windows OS.

### Target Audience

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Candidates for this exam are IT professionals who perform installation, configuration, general local management and maintenance of Windows 10 core services. Candidates may also be familiar with enterprise scenarios and cloud-integrated se

### Course Objectives

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After completing this course, learners should be able to:

- Install and customize Windows 10
- Configure Updates for Windows.
- Configure devices and drivers for Windows.
- Configure storage for Windows.
- Configure network and remote management settings in Windows.
- Configure and manage browsers and applications in Windows.
- Configure account access and authentication.
- Configure file and folder permissions.
- Describe methods for securing Windows 10, common threats and methods for mitigating against them.
- Troubleshoot Windows and application installations.
- Troubleshoot hardware and driver issues.
- Troubleshoot file issues and perform recoveries.

### Course Outline

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## 1 - Installing Windows

Introducing Windows 10  
Windows 10 Editions and Requirements  
Deployment Options  
Upgrading to Windows 10  
Deployment Tools

## 2 - Post-installation Configuration and Personalization

Configure and Customize the Windows Start Menu  
Common Configuration Options  
Advanced Configuration Methods  
Managing Drivers and Devices

## 3 - Updating Windows in Windows 10

Windows Servicing Model  
Updating Windows

## 4 - Configuring Networking

Configure IP Network Connectivity  
Implement Name Resolution  
Implement Wireless Network Connectivity  
Remote Access Overview  
Remote Management

## 5 - Configuring Storage

Overview of storage options  
Managing Local Storage  
Maintaining Disks and Volumes  
Managing Storage Spaces

## 6 - Managing Apps in Windows 10

Providing Apps to Users  
Managing Universal Windows Apps  
Web Browsers in Windows 10

## 7 - Configuring Authorization & Authentication

Authentication  
Configuring User Account Control  
Implementing Device Registration

## 8 - Configuring Data Access and Usage

Overview of File Systems  
Configuring and Managing File Access  
Configuring and Managing Shared Folders

## 9 - Configuring Threat Protection and Advanced Security

Malware and Threat Protection  
Windows Defender  
Connection Security Rules  
Advanced Protection Methods

## 10 - Supporting the Windows 10 Environment

Windows Architecture  
Support and Diagnostic Tools  
Monitoring and Troubleshooting Computer Performance

## 11 - Troubleshooting Files & Applications

File Recovery in Windows 10  
Application Troubleshooting

## 12 - Troubleshooting the OS

Troubleshooting Windows Startup  
Troubleshooting Operating System Service Issues

## 13 - Troubleshooting Hardware and Drivers

Troubleshooting Device Driver Failures  
Overview of Hardware Troubleshooting  
Troubleshooting Physical Failures

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