

Training: Microsoft
MD-100T00 Windows Client

Microsoft
Partner

TRAINING TERMS

2026-08-10 | 5 days | Virtual Classroom
2026-08-17 | 5 days | Virtual Classroom
2026-10-05 | 5 days | Virtual Classroom
2026-10-12 | 5 days | Virtual Classroom
2026-12-07 | 5 days | Virtual Classroom
2026-12-14 | 5 days | Virtual Classroom

TRAINING GOALS:

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

Skills gained:

- Install and customize Windows clients
- 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 client, common threats and methods for mitigating against them.
- Troubleshoot Windows and application installations.
- Troubleshoot hardware and driver issues.
- Troubleshoot file issues and perform recoveries.

Audience profile:

Candidates for this exam are IT professionals who perform installation, configuration, general local

management and maintenance of Windows 10 and later core services. Candidates may also be familiar with enterprise scenarios and cloud-integrated services.

CONSPECT:

- **Installing Windows**
 - Introducing Windows Client
 - Windows Client Editions and Requirements
 - Installation Methods
 - Upgrading and Migrating Windows Clients
 - Deployment Methods
 - Lab : Deploying Windows using Windows ADK tools
 - Lab : Migrating User Settings using USMT
- **Configuring Authorization & Authentication**
 - Authentication
 - Managing Users and Groups
 - Configuring User Account Control
 - Implementing Device Registration
 - Lab : Managing Domain Authentication
 - Lab : Managing Local User and Microsoft Account Authentication
 - Lab : Managing password and account options
 - Lab : Managing Azure AD Authentication
- **Post-installation Configuration and Personalization**
 - Configure and Customize the Windows Start Menu
 - Common Configuration Options
 - Advanced Configuration Methods
 - Managing Drivers and Devices
 - Lab : Managing local and network printers
 - Lab : Managing Windows 10 Settings
 - Lab : Synchronizing settings between devices
- **Updating Windows**
 - Windows Servicing Model
 - Updating Windows
 - Lab : Managing Windows Update Settings
- **Configuring Networking**
 - Configure IP Network Connectivity
 - Implement Name Resolution

- Implement Wireless Network Connectivity
- Remote Access Overview
- Remote Management
- Lab : Configuring Network Connectivity
- Lab : Configuring and Testing Name Resolution
- Lab : Administering Windows 10 Using Remote Management
- **Configuring Storage**
 - Managing Storage
 - Managing Disks and Volumes
 - Managing Storage Spaces
 - Lab : Creating a Storage Space
 - Lab : Managing Storage
- **Configuring Data Access and Usage**
 - Overview of File Systems
 - Configuring and Managing File Access
 - Configuring and Managing Shared Folders
 - Managing User Files
 - Lab : Configuring and Managing Permissions and Shares
 - Lab : Using Conditions to Control Access and Effective Permissions
 - Lab : Work Folders
 - Lab : Synchronizing files with OneDrive
- **Managing Apps in Windows Client**
 - Providing Apps to Users
 - Managing Universal Windows Apps
 - Managing the Microsoft Edge Browser
 - Lab : Configuring Microsoft Edge to support Internet Explorer Enterprise Mode
 - Lab : Installing Apps in Windows 10
- **Configuring Threat Protection and Advanced Security**
 - Malware and Threat Protection
 - Microsoft Defender
 - Connection Security Rules
 - Advanced Protection Methods
 - Lab : Configuring Microsoft Defender Antivirus and Windows Security
 - Lab : Configuring Firewall and Connection Security
 - Lab : Configuring BitLocker
- **Supporting the Windows Client Environment**

- Windows Architecture
- Support and Diagnostic Tools
- Monitoring and Troubleshooting Computer Performance
- Lab : Monitoring Reliability and Performance
- Lab : Monitoring Events
- **Troubleshooting Files & Applications**
 - File Recovery in Windows
 - Application Troubleshooting
 - Lab : Using File History to Recover Files
- **Troubleshooting the OS**
 - Troubleshooting Windows Startup
 - Troubleshooting Operating System Service Issues
 - Lab : Using Advanced Startup and Windows RE to recover from Boot Failures
 - Lab : Recovering Windows using Reset This PC
- **Troubleshooting Hardware and Drivers**
 - Troubleshooting Device Driver Failures
 - Overview of Hardware Troubleshooting
 - Troubleshooting Physical Failures
 - Lab : Troubleshooting Hardware by Using Windows Memory Diagnostics
 - Lab : Recovering Windows by using a Restore Point

REQUIREMENTS:

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

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training

TRAINER:

Microsoft Certified Trainer.