

Windows Client

Description

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.

Training officially removed from the Microsoft catalog on 31.07.2023 and replaced by: [Microsoft 365 Endpoint Administrator \(MD-102\)](#).

Course Content

Module 1: Installing Windows

- Introducing Windows Client
- Windows Client Editions and Requirements
- Installation Methods
- Upgrading and Migrating Windows Clients
- Deployment Methods

Module 2: Configuring Authorization & Authentication

- Authentication
- Managing Users and Groups
- Configuring User Account Control
- Implementing Device Registration

Module 3: Post-installation Configuration and Personalization

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

Module 4: Updating Windows

- Windows Servicing Model
- Updating Windows

Module 5: Configuring Networking

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

Module 6: Configuring Storage

- Managing Storage
- Managing Disks and Volumes
- Managing Storage Spaces

Module 7: Configuring Data Access and Usage

- Overview of File Systems

Module 8: Managing Apps in Windows Client

- Providing Apps to Users
- Managing Universal Windows Apps
- Managing the Microsoft Edge Browser

Module 9: Configuring Threat Protection and Advanced Security

- Malware and Threat Protection
- Microsoft Defender
- Connection Security Rules
- Advanced Protection Methods

Module 10: Supporting the Windows Client Environment

- Windows Architecture
- Support and Diagnostic Tools
- Monitoring and Troubleshooting Computer Performance

Module 11: Troubleshooting Files & Applications

- File Recovery in Windows
- Application Troubleshooting

Module 12: Troubleshooting the OS

- Troubleshooting Windows Startup
- Troubleshooting Operating System Service Issues

Module 13: Troubleshooting Hardware and Drivers

- Troubleshooting Device Driver Failures
- Overview of Hardware Troubleshooting
- Troubleshooting Physical Failures

Lab / Exercises

- Official Microsoft Labs

Documentation

- Access to Microsoft Learn (online learning content)

Exam

- This course prepares you to the MD-100: Windows Client exam. If you wish to take this exam, please

contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

Participant profiles

- IT professionals who perform installation, configuration, general local management and maintenance of Windows 10 and later core services

Prerequisites

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

Objectives

- 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

Niveau

Fondamental

Classroom Registration Price (CHF)

3900

Virtual Classroom Registration Price (CHF)

3650

Duration (in Days)

5

Reference

MD-100T00