



REAL WORLD
TECHNOLOGY TRAINING & SOLUTIONS
"Training You Can Really Use"

55345: Implementing and Managing Windows 11®

Duration: 4 Days

Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

This course is designed to provide participants with the knowledge and skills required to install and configure Windows 11 desktops and devices in an on-premises Windows Server Active Directory domain environment.

NOTE: This course is also backwards compatible with Windows 10 as many of the technologies and principles remain the same.

Target Audience

This course is intended for:

- IT professionals who support Windows 11 desktops, devices, users, and associated network and security resources.
- Desktop/Device Support Technicians (DSTs) who provide Tier 2 support to users with computers that are running the Windows 11 operating system (OS) in an on-premises environment.

Prerequisites

To attend this course, candidates must have:

- Experience installing PC hardware and devices.
- Basic Windows and Active Directory® knowledge.
- Knowledge of networking fundamentals.
- Knowledge of Microsoft® Active Directory Domain Services (AD DS) principles and fundamentals of AD DS management
- Fundamental understanding of Windows Server®.
- Understanding of Microsoft Windows Client essentials; for example, working knowledge of Windows® 10/11
- Basic understanding of Windows PowerShell® syntax



Microsoft Partner

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Course Objectives

Upon successful completion of this course, attendees will be able to:

- Install and customize Windows 11 operating systems and apps.
- Configure local and remote network connectivity and storage.
- Configure data security, device security, and network security.
- Maintain, update, and recover Windows 11.

Course Topics

Module 1: Installing Windows 11

- Introducing Windows 11
- Installing Windows 11

Module 2: Upgrading and Updating Windows 11

- Upgrading to Windows 11
- Migrating User State
- Managing Windows 11 Updates

Module 3: Configuring Windows 11 Devices

- Local Configuration Tools in Windows 11
- Using Windows Admin Center
- Using Windows PowerShell
- Implementing Remote Management

Module 4: Configuring Network Connectivity

- Configuring Network Connectivity
- Implementing Name Resolution
- Implementing Remote Access

Module 5: Managing Storage

- Overview of Storage Options
- Managing Local Storage
- Managing Storage Spaces



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Course Topics *Continued*

Module 6: Managing Resources

- Configuring and Managing File Access
- Configuring and Managing Shared Folders
- Implementing Work Folders
- Managing Printers

Module 7: Managing Apps in Windows 11

- Deploying Apps
- Managing Access to the Microsoft Store
- Configuring Microsoft Edge

Module 8: Implementing and Managing Security

- Managing User and Group Accounts
- Configuring User Account Control
- Implementing BitLocker
- Implementing Windows 11 Security Features
- Securing Against Network Threats

Module 9: Monitoring Windows 11

- Monitoring Windows 11
- Optimizing Windows 11 Performance

Module 10: Troubleshooting Windows 11

- Managing Windows 11 Startup
- Recovering Windows 11
- Managing Devices and Drivers
- Understanding the Registry
- Recovering Files

LABS INCLUDED



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