Training: Microsoft
MS-55345 Implementing and Managing Windows 11

Microsoft Partner

TRAINING GOALS:

This is a 4-day ILT course designed to provide you 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. The skills you gain by attending this course include:

- Learning how to install and customize Windows 11 operating systems and apps
- Configuring local and remote network connectivity and storage.

You'll also learn how to:

- Configure data security, device security, and network security
- Maintain, update, and recover Windows 11.

Audience profile:

This course is aimed at IT professionals who support Windows 11 desktops, devices, users, and associated network and security resources. The secondary audience for this course is Desktop/Device Support Technicians (DSTs) who provide Tier 2 support to users with computers that are running the Windows 11 operating system (OS) in a on-premises environment.

At Course Completion

- Install and configure Windows 11 desktops and devices in a Windows Server domain corporate environment. The skills you will gain in this course include learning how to install and customize Windows 11 operating systems and apps, and configure local and remote network connectivity and storage. You will also learn how to configure data security, device security, network security, and maintain, update, and recover Windows 11.

CONSPECT:

- Module 1: Installing Windows 11
  - Introducing Windows 11
  - Installing Windows 11
  - Lab: Introducing Windows 11 Installing Windows 11

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- Module 2: Upgrading and updating Windows 11
  - Upgrading to Windows 11
  - Migrating user state
  - Managing Windows 11 updates
  - Lab: Upgrading and updating Windows 11
- Module 3: Configuring Windows 11 devices
  - Local configuration tools in Windows 11
  - Using Windows Admin Center
  - Using Windows PowerShell
  - Implementing Remote Management
  - Lab : Configuring Windows 11 devices
- Module 4: Configuring network connectivity
  - Configuring network connectivity
  - Implementing name resolution
  - Implementing remote access
  - Lab: Configuring network connectivity
- Module 5: Managing storage
  - Overview of storage options
  - Managing local storage
  - Managing Storage Spaces
  - Lab: Managing storage
- Module 6: Managing resources
  - Configuring and managing file access
  - Configuring and managing shared folders
  - Implementing Work Folders
  - Managing printers
  - Lab: Managing resources
- Module 7: Managing apps in Windows 11
  - Deploying apps
  - Managing access to the Microsoft Store
  - Configuring Microsoft Edge
  - Lab: Managing apps
- Module 8: Implementing and managing security
  - Managing user and group accounts
  - Configuring User Account Control
  - Implementing BitLocker

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- Implementing Windows 11 security features
- Securing against network threats
- Lab: Implementing and managing security

- Module 9: Monitoring Windows 11
  - Monitoring Windows 11
  - Optimizing Windows 11 performance
  - Lab: Monitoring Windows 11
- Module 10: Troubleshooting Windows 11
  - Managing Windows 11 startup
  - Recovering Windows 11
  - Managing devices and drivers
  - Understanding the registry
  - Recovering files
  - Lab: Troubleshooting Windows 11

REQUIREMENTS:

- 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 or Windows 11
- Basic understanding of Windows PowerShell syntax

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training

TRAINER:

Microsoft Certified Trainer

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