Netec Digital
Certificaciones Profesionales enTI

CURSO
OD20697-2C Deploying and Managing Windows 10 Using Enterprise Services

Microsoft Partner
Gold Learning

Course Outline

Module 1: Managing PCs and devices in an enterprise environment

This module explains the most current trends and information related to desktop and device management in the enterprise. It also provides an overview of on-premises management compared to cloud-based IT management and services including an overview of Microsoft Enterprise Mobility + Security solution.

Lessons
- Managing Windows 10 in the enterprise
- Managing a mobile workforce and supporting devices
- Overview of Enterprise Mobility + Security

Lab : Planning for Windows 10 and device management in the enterprise
- Selecting the appropriate products and technologies for device management

After completing this module, students will be able to:
- Manage Windows 10 in an enterprise environment.
- Manage a mobile workforce.
- Describe the Enterprise Mobility + Security service.

Module 2: Traditional Windows 10 deployment in the enterprise

This module explains the various deployment scenarios for Windows 10 and the considerations to keep in mind while performing these deployments. It also explains how to deploy Windows 10 by using the Windows Assessment and Deployment Kit (WADK). This module also explains how to maintain Windows 10 by using DISM and Windows Configuration Designer. Additionally, it explains the different types of volume activation technologies and tools to manage activation.

Lessons
- Overview of Windows 10 enterprise deployment
- Customizing enterprise deployments
- Maintaining a Windows 10 installation
- Volume license activation for Windows 10

Lab : Deploying Windows 10 by using Windows ADK tools
- Creating a custom answer file and installing Windows 10
- Creating and deploying a provisioning package
- Generalizing and capturing Windows 10
- Creating and updating an image

After completing this module, students will be able to:
- Describe the Windows 10 enterprise deployment process.
- Customize enterprise desktop deployments.
- Maintain a Windows 10 installation.
- Manage volume license activation for Windows 10.

Module 3: Managing Windows 10 sign-in and identity

This module defines identity and explains why identity is important in today's network and cloud environments. It also provides an overview of Azure AD and how to extend on-premises identity to the cloud.

Lessons
- Overview of enterprise identity
- Overview of Azure AD Premium P2
- Extending identity to the cloud

Lab : Extending on-premises AD DS to Azure AD
- Activating a trial Azure subscription and creating an Azure AD tenant
- Managing Azure AD groups
- Configuring and enabling directory synchronization
- Joining Windows 10 to Azure AD

After completing this module, students will be able to:
- Describe enterprise identity.
- Describe Azure AD Premium P2.
- Extend identity to the cloud.

Module 4: Managing user profiles and User State Virtualization

This module explains different types of user profiles in domain environment, how to manage user profiles and user state using tools such as the User State Migration Tool (USMT) and Microsoft User Experience Virtualization (UE-V).

Lessons
- Managing user profiles and user state
- Configuring UE-V
- Managing user state migration

Lab : Configuring user profiles and User State Virtualization
- Configuring roaming user profiles and Folder Redirection
- Implementing and using UE-V
- Enterprise data roaming (optional)

Lab : Migrating user state by using USMT
- Capturing user state on the source computer
- Restoring user state on the destination computer

After completing this module, students will be able to:
- Manage user profiles and user state.
- Configure UE-V.
- Manage user state migration.

Module 5: Managing desktop and application settings by using Group Policy

This module explains how to manage Group Policy inheritance, administrative templates, and common enterprise desktop settings. This module also explains how to apply Group Policy Preferences using targeting and filtering.

Lessons
- Managing Group Policy Objects
- Configuring enterprise desktops by using Group Policy policies
- Overview of Group Policy preferences

Lab : Configuring Group Policy policies and Group Policy preferences
- Managing Windows 10 by using Group Policy
- Configuring and applying Group Policy preferences

After completing this module, students will be able to:
- Manage Group Policy Objects.
- Configure enterprise desktops by using Group Policy.
- Describe Group Policy preferences.

Module 6: Managing devices in Office 365

In this module students will learn about Office 365 and its main features. The focus of this module is on device management by using mobile device management for Office 365.

Lessons
- Overview of Office 365
- MDM for Office 365

Lab : Managing devices in Office 365 (part 1)
- Obtaining an Office 365 subscription and enabling MDM Working with DLP

Lab : Managing devices in Office 365 (part 2)
- Configuring and testing MDM in Office 365

After completing this module, students will be able to:
- Describe Office 365.
- Describe MDM for Office 365.

Module 7: Managing PCs and devices by using Microsoft Intune

This module explains how to manage devices by using Intune and how to perform basic Intune administration. You will also learn how to work with device profiles, configure conditional access and manage software updates.

Lessons
- Overview of Intune
- Managing devices by using Intune
- Basic Intune administration
- Working with Intune device profiles
- Conditional access with Intune
- Managing software updates

Lab : Implementing Intune
- Adding Intune users
- Delegating permissions and using the Azure portal
- Enrolling Windows 10 to Intune
- Using the Microsoft Intune portal

Lab : Managing devices with Intune
- Working with Intune device profiles
- Configuring conditional access
- Configuring software updates

After completing this module, students will be able to:
- Describe Intune.
- Manage devices by using Intune.
- Explain basic Intune administration.
- Work with Intune device profiles.
- Implement conditional access with Intune.
- Manage software updates.

Module 8: Configuring and using Microsoft Store for Business

This module explains how to implement Microsoft Store for Business and how to deploy apps from Microsoft Store for Business. It also provide an overview of Windows AutoPilot and explains how to use it for Windows 10 deployment.

Lessons
- Using Microsoft Store for Business for app deployment
- Deploying Windows 10 by using Windows AutoPilot

Lab : Deploying apps and Windows 10 by using Microsoft Store for Business
- Signing up for and managing Microsoft Store for Business
- Using Microsoft Store for Business for deploying apps
- Configuring Windows 10 by using Windows AutoPilot

After completing this module, students will be able to:
- Use Microsoft Store for Business for app deployment.
- Deploy Windows 10 by using Windows AutoPilot.

Module 9: Deploying apps and managing information access by using Intune

This module explains how to use Intune for app deployment and management. It also explains how to configure and use WIP.

Lessons
- App management by using Intune
- App deployment and management
- Working with WIP

Lab : Deploying apps and managing information access by using Intune
- Deploying apps by using Intune
- Configuring and using WIP

After completing this module, students will be able to:
- Manage apps with Intune.
- Deploy and manage apps.
- Work with WIP.

Module 10: Managing data access for Windows-based devices

This module explains how to provide secure access to organizational data. Solutions discussed include Work Folders and RemoteApp programs. This module also explains how to configure and share data stored in Microsoft OneDrive for Business.

Lessons
- Overview remote data access solutions
- Implementing Work Folders
- Implementing cloud data access
- Publishing and using RemoteApp programs

Lab : Implementing and using Work Folders
- Configuring and deploying Work Folders
- Using Work Folders

Lab : Managing data access by using OneDrive
- Configuring and using OneDrive for Business

Lab : Publishing and using RemoteApp programs
- Publishing RemoteApp programs
- Accessing published RemoteApp programs

After completing this module, students will be able to:
- Describe remote data access solutions.
- Implement Work Folders.
- Implement cloud data.
- Publish and use RemoteApp programs.

Module 11: Configuring and managing Client Hyper-V

This module explains how to create virtual switches, virtual hard disks, and virtual machines by using Client Hyper-V.

Lessons
- Installing and configuring Client Hyper-V
- Configuring virtual switches
- Creating and managing virtual hard disks
- Creating and managing VMs

Lab : Configuring and managing Client Hyper-V
- Installing Client Hyper-V
- Creating a virtual switch, a virtual hard disk, and a VM
- Working with VMs, checkpoints, and nesting virtualization

After completing this module, students will be able to:
- Install and configure Client Hyper-V.
- Configure virtual switches.
- Create and manage virtual hard disks.
- Create and manage VMs.

Para más información, contáctenos al correo:

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