Installing and Configuring Windows 10

Duración: 5 Días   Código del Curso: M20698

Temario:

This five-day instructor-led course provides IT professionals with the knowledge and skills required to install and configure Windows 10 desktops in a Windows Server small to medium-sized AD DS domain environment. These skills include learning how to install and customize Windows 10 operating systems and apps, configure local and remote network connectivity, and configure local and online storage. Students also will learn how to configure security in addition to how to maintain, update, and recover Windows 10.

Dirigido a:

This course is intended for IT professionals who administer and support Windows 10 desktops and devices in small to medium-sized networks. The networks with which these professionals typically work are configured as AD DS domain-based environments with managed access to the Internet and cloud services.

Objetivos:

- Plan, install, and upgrade to Windows 10.

- Perform post-installation configuration.

- Implement networking.

- Implement network security.

- Manage Windows 10 with Group Policy.

- Implement remote management.

- Manage local storage.

- Manage files and resources.

- Install and manage apps.

- Secure Windows 10.

- Implement remote connectivity.

- Maintain and update Windows 10.

- Recover and troubleshoot Windows 10.

Prerequisitos:

Before attending this course, students must have:

- Experience deploying and configuring Windows 8, Windows 8.1, or Windows 10.
- Experience deploying and configuring Windows Server 2012 or Windows Server 2016 Active Directory Domain Services (AD DS).
- Experience deploying and configuring network services, including DNS, in Windows Server 2012 or Windows Server 2016.
- Windows Client essentials, such as a working knowledge of Windows 8.1, Windows 8, or Windows 7.

Exámenes y certificación

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Contenido:

Module 1: Installing Windows 10

- This module describes the features of Windows 10 and the process for installing and deploying it. The module also describes how to upgrade to Windows 10, perform post-installation maintenance tasks, and manage volume activation.
- Overview of Windows 10
- Planning your Windows 10 deployment
- Installing and deploying Windows 10
- Upgrading to Windows 10
- Windows 10 installation maintenance
- Managing volume activationLab : Upgrading to Windows 10
- Migrating user settings
- Upgrading from Windows 8.1 to Windows 10 (optional)Lab : Maintaining a Windows 10 installation with Windows ICD
- Create and configure a Windows Imaging and Configuration Designer (Windows ICD) provisioning package

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.

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- Plan to deploy Windows 10.
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- Describe the different tools that you can use to configure Windows 10.
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- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.

Module 10: Securing Windows 10

This module describes how to implement security in Windows 10 devices. It also describes how to manage user accounts and their permissions by using the User Account Control (UAC) feature. Additionally, the module explains how to implement and manage BitLocker Drive Encryption. Lessons

- Managing user accounts
- Configuring UAC
- Implementing and Managing BitLockerLab : Configuring user accounts
- Managing user accounts
- Configuring UACLab : Managing data security
- Using BitLocker

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
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- Understand rules regarding connection security.
- Manage Windows Defender
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- Configure common settings for users and desktops by using Group Policy.
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- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 2: Performing post-installation configuration

This module provides an overview of the management tools in Windows 10. It describes how to customize the user interface, manage devices, drivers, and services, and configure several other features. The module also provides an overview of Client Hyper-V.

- Overview of management tools
- Customizing the user interface
- Managing devices, device drivers, and services
- Configuring features, mobility, and power options
- Overview of Client Hyper-VLab : Managing devices
- Install a device driver
- Resolving the device driver problemLab : Configuring features and power options
- Turning on Windows features with Control Panel
- Managing installed Windows features
- Configuring power options

After completing this module, students will be able to:

- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 6: Implementing remote management

This module describes how to implement remote management by using Windows 10 features such as Remote Desktop, Remote Assistance, and remoting with Windows PowerShell.

- Using Remote Desktop
- Using Remote Assistance
- Remoting with Windows PowerShell Lab : Implementing remote management
- Using Remote Desktop
- Using Remote Assistance
- Remoting with Windows PowerShell

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender

- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 11: Implementing remote connectivity

This module describes how to implement remote connectivity by using the available options, including virtual private networks (VPNs) and DirectAccess.

- Overview of remote connectivity options
- Implementing VPNs
- Implementing DirectAccess Lab : Implementing a VPN
- Deploying a virtual private network (VPN) server
- Creating a VPN connection

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.

- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 7: Managing storage

This module describes how to manage storage in Windows 10 devices by using the available storage options. It also explains how to manage and maintain disks, partitions, and volumes. The modules then describes how you can use the Storage Spaces feature, Microsoft OneDrive, and virtual hard disks to manage storage.

- Overview of storage options
- Managing disks, partitions, and volumes
- Maintaining disks and volumes

- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 3: Implementing networking

This module describes the homegroups, workgroups, and domains feature in Windows 10. It also describes how to configure IPv4 and IPv6 network connectivity, and how to implement name resolution. Additionally, the module describes how to troubleshoot network connectivity and implement wireless network connectivity.

- Homegroups, workgroups, and domains
- Configuring IPv4 network connectivity
- Configuring IPv6 network connectivity
- Implementing name resolution
- Troubleshooting network connectivity
- Implementing wireless network connectivityLab : Implementing network connections
- Verifying and testing network connectivity
- Configuring automatic IPv4 addressing
- Configuring and testing name resolutionLab : Troubleshooting network connections
- Resolving a network problem (1)
- Resolving a network problem (2)

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection

- Implementing Storage Spaces
- Implementing and managing OneDrive
- Working with virtual hard disksLab : Managing storage
- Adding a disk
- Creating a simple volume
- Creating a storage space

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
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- Describe Client Hyper-V.
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- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.

Module 12: Maintaining Windows 10

This module describes how maintain a Windows 10 environment by updating and monitoring the Windows 10 operating system. The module describes the Windows Update settings and how to use the Windows Server Update Services (WSUS), Microsoft System Center Configuration Manager, and Microsoft Intune to regularly update Windows 10. The module then explains how to monitor Windows 10 by using tools such as the Notifications ; actions settings, Event Viewer, and Windows Performance Monitor.

- Updating Windows 10
- Monitoring Windows 10Lab : Maintaining Windows
- Configuring updates for a single device
- Configuring updates with GPOs
- Monitoring reliability and performance

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
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- Describe the different tools that you can use to configure Windows 10.
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- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.

security.

- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
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- Maintain disks, partitions, and volumes.
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- Explain how to implement virtual hard disks.
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- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 4: Implementing network security

This module describes how to implement network security by using the Windows 10 features such as Windows Firewall, connection security rules, and Windows Defender.

- Implementing Windows Firewall
- Connection security rules
- Implementing Windows DefenderLab : Implementing network security
- Creating and testing inbound rules
- Creating and testing outbound rules
- Creating and testing connection security rules
- Configuring Windows Defender

- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 8: Managing files and resources

This module describes how to manage files and resources in Windows 10. The module starts by providing an overview of file systems and how file access works. The module then describes shared folders and Work Folders features. Finally, it describes how to manage printers.

- Overview of file systems
- Configuring and managing file access
- Managing shared folders
- Implementing Work Folders
- Managing printersLab : Creating, securing, and sharing a folder
- Creating, securing, and sharing a folder Lab : Implementing Work Folders
- Configuring Work Folders Lab : Managing printers
- Installing and sharing a printer

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and

- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 13: Recovering Windows 10

This module describes the recovery options for Windows 10. It also explains how to recover lost files, manage devices and device drives, and perform system recovery.

- Recovering files
- Performing system recoveryLab : Troubleshooting and recovery
- Using File History to recover files
- Using Previous Versions to recover files
- Recovering a device with a restore point
- Using the advanced startup options to recover a device

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive

domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
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- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
- Create and manage share folders.
- Create and use Work Folders.
- Configure and manage printers
- Describe the available app types in Windows 10.
- Describe the Windows Store and Windows Store for Business.
- Deploy and manage Windows Store apps.
- Automate app deployment.
- Configure Windows 10 web browsers.
- Manage user accounts.
- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Module 9: Deploying and managing apps

- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.
- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
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- Describe and use system recovery

encryption
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- Describe and use system recovery features in Windows 10.

Module 5: Managing Windows 10 with Group Policy

This module describes how to implement the Group Policy feature in Windows 10. The module also explains how you can configure Windows 10 devices by using Group Policy Objects (GPOs).

- Overview of Group Policy
- Configuring Windows 10 devices with GPOsLab : Describe Windows Firewall.
- Managing Windows 10 by using Group Policy

This module describes the various methods available to deploy and manage apps in Windows 10. The module provides an overview of the Windows Store and Windows Store for Business, and describes other options such as desktop apps and web browsers.

- Overview of apps in Windows 10
- The Windows Store and Windows Store for Business
- Automating app deployment
- Configure web browsersLab : Deploying and managing Windows Store apps
- Sideloading an appLab : Deploying apps with Windows ICD
- Creating a provisioning package
- Deploying the package
- Verifying deploymentLab : Configuring Microsoft Edge
- Configuring and using Microsoft Edge

After completing this module, students will be able to:

- Describe the features and editions of Windows 10.
- Plan to deploy Windows 10.
- Install and deploy Windows 10.
- Upgrade to Windows 10.
- Maintain Windows 10 installations.
- Manage Windows 10 activation.
- Describe the different tools that you can use to configure Windows 10.
- Explain how to navigate and customize the user interface.
- Manage device drivers.
- Configure Windows features, mobility options, and power settings.
- Describe Client Hyper-V.
- Describe homegroups, workgroups, and domains.
- Describe how to configure IPv4 network connectivity.
- Describe how to configure IPv6 network connectivity.
- Implement name resolution.
- Troubleshoot network connections.
- Implement wireless network connectivity
- Describe Windows Firewall.
- Understand rules regarding connection security.
- Manage Windows Defender
- Describe Group Policy processing and management.
- Configure common settings for users and desktops by using Group Policy.
- Use Remote Desktop to manage remote computers.
- Use Windows Remote Assistance to manage remote computers.
- Use Windows PowerShell remoting to manage remote computers.
- Explain the different storage options in Windows 10.
- Manage disks, partitions, and volumes.

features in Windows 10.

- Maintain disks, partitions, and volumes.
- Manage Storage Spaces.
- Explain how to implement Microsoft OneDrive.
- Explain how to implement virtual hard disks.
- Describe the file systems that Windows 10 supports.
- Configure and manage file permissions.
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- Automate app deployment.
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- Configure User Account Control (UAC).
- Implement and manage BitLocker drive encryption
- Describe remote connectivity options in Windows 10.
- Implement virtual private networks (VPNs) in Windows 10.
- Describe how to implement DirectAccess.
- Explain how to keep Windows 10 up to date.
- Monitor Windows 10.
- Configure file recovery and revert to previous versions of files.
- Describe and use system recovery features in Windows 10.

Más información:

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