



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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# Administering Windows Server 2012

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
MSC_20411	40 Hours (5 días)	A consultar

## Description

## Objetivos

After completing this course, students will be able to:

- Implementing a Group Policy Infrastructure
- Managing User Desktops with Group Policy
- Managing User and Service Accounts
- Maintaining Active Directory Domain Services
- Configuring and Troubleshooting DNS
- Configuring and Troubleshooting Remote Access
- Installing, Configuring, and Troubleshooting the Network Policy Server role
- Implementing Network Access Protection? Optimizing File Services
- Configuring Encryption and Advanced Auditing
- Monitoring Windows Server 2012
- Deploying and Maintaining Server Images
- Implementing Update Management

## Requisitos Previos

Before attending this course, students must have:

- At least one year experience working with Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012.
- Good knowledge and understanding of Active Directory and Networking Infrastructure
- Knowledge equivalent to the learning's covered in the "20410A:Installing and Configuring Windows Server 2012" course, as this course will build upon that knowledge

## Programa

### Implementing a Group Policy Infrastructure

This module covers how to implement a Group Policy infrastructure and then how to configure and manage that infrastructure. It also covers how to Scope GPOs using links, security groups, WMI filters, loopback processing, and Preference targeting as well as covering troubleshooting Policy Application.

- Understanding Group Policy
- Implement GPOs
- Manage Group Policy Scope
- Group Policy Processing
- Troubleshooting Policy Application

After completing this module, students will be able to:

- Implement a Group Policy Infrastructure
- Implement group Policy Objects
- Manage Group Policy Scope
- Outline and describe Group Policy Processing

- Troubleshoot Policy Application

## Managing User Desktops with Group Policy

This module covers Implementing Administrative templates, how to configure GPO preferences and folder redirection as well as managing software with Group Policy.

- Implement Administrative Templates
- Configure Group Policy Preferences
- Manage Software with GPSILab: Managing User Desktops with Group Policy
- Deploying Software Using Group Policy
- Implement Settings Using Group Policy Preferences
- Configuring Folder Redirection

After completing this module, students will be able to:

- Implement Administrative Templates
- Configure Group Policy Preferences
- Manage Software with Group Policy

## Managing User and Service Accounts

This module covers how to create and administer user accounts as well as configure user object attributes. It also covers automating user account creation and configuring Managed Service

- Create and Administer User Accounts
- Configure User Object Attributes
- Automate User Account Creation
- Configure Managed Service Accounts

After completing this module, students will be able to:

- Create and Administer User Accounts
- Configure User Object Attributes
- Automate User Account Creation
- Configure Managed Service Accounts

## Maintaining Active Directory Domain Services

This module covers how to implement Virtualized and Read Only Domain Controllers as well as how to perform common ADDS administrative tasks. The module will also cover how to manage the AD DS database.

- Implementing Virtualized Domain Controllers
- Implementing Read Only Domain Controllers
- Administering AD DS
- Managing the AD DS Database

After completing this module, students will be able to:

- Implement Virtualized Domain Controllers? Implement Read Only Domain Controllers
- Administer AD DS
- Manage the AD DS database

- **Configuring and Troubleshooting DNS**

This module covers installing and configuring the DNS server role as well as creating and configuring DNS zones and zone transfers. It will also cover managing and troubleshooting DNS.

- Installing the DNS Server Role
- Configuring the DNS Server Role
- Configuring DNS Zones
- Configuring DNS Zone Transfers
- Managing and Troubleshooting DNS
- After completing this module, students will be able to:
- Install the DNS Server Role
- Configure the DNS Server Role
- Configure DNS Zones
- Configure DNS Zone Transfers
- Manage and Troubleshooting DNS

- **Configuring and Troubleshooting Remote Access**

This module covers configuring Network Access, creating and configuring VPNs and Network Policies as well as troubleshooting Routing and Remote Access. It will also cover configuration of DirectAccess.

- Configuring Network Access
- Configuring VPN Access
- Overview of Network Policies
- Troubleshooting Routing and Remote Access
- Configuring DirectAccess
- After completing this module, students will be able to:
- Configuring Network Access
- Configuring VPN Access
- Overview of Network Policies
- Troubleshooting Routing and Remote Access? Configuring DirectAccess

### • **Installing, Configuring, and Troubleshooting the Network Policy Server Role**

This module covers Installing and configuring Network Policy Server as well as RADIUS clients and servers. It will also deal with Network Policy Server authentication methods and monitoring and troubleshooting a Network Policy Server.

- Installing and Configuring a Network Policy Server
- Configuring RADIUS Clients and Servers
- NPS Authentication Methods
- Monitoring and Troubleshooting a Network Policy Server
- After completing this module, students will be able to:
- Installing and Configuring a Network Policy Server
- Configuring RADIUS Clients and Servers
- NPS Authentication Methods
- Monitoring and Troubleshooting a Network Policy Server

### • **Implementing Network Access Protection**

This module will provide an overview Network Access Protection, detailing the functionality and infrastructure requirements. It will also cover configuration, monitoring and troubleshooting NAP.

- Overview of Network Access Protection
- How NAP Works
- Configuring NAP
- Monitoring and Troubleshooting NAP
- After completing this module, students will be able to:
- Understand the functionality and requirements of Network Access Protection (NAP)
- Configure and Implement NAP
- Monitor and Troubleshoot NAP

### • **Optimizing File Services**

This module covers File Server Resource Manager and how to use it to implement Quotas, file screens and Storage Reports. It will also outline how to implement Classification Management and File Management Tasks as well as covering how to implement DFS, DFS Namespaces and configuration and troubleshooting DFS Replication.

- Overview of FSRM
- Using FSRM to Manage Quotas, File Screens, and Storage Reports? Implementing Classification Management and File Management Tasks
- DFS Overview
- Configuring DFS Namespaces
- Configuring and Troubleshooting DFS Replication
- After completing this module, students will be able to:
- Implement Manage Quotas, File Screens, and Storage Reports using FSRM
- Implementing Classification Management and File Management Tasks
- Configuring DFS Namespaces
- Configuring and Troubleshooting DFS Replication

### • **Configuring Encryption and Advanced Auditing**

This module covers how to increase file system security by configuring file encryption with EFS as well as how to enable and implement advanced auditing features.

- Encrypting Network Files with EFS
- Configuring Advanced Auditing
- After completing this module, students will be able to:
- Encrypt network files with EFS
- Enable and implement advanced audit policies

### • **Deploying and Maintaining Server Images**

This module covers the features and functionality of Windows Deployment Services (WDS) as well as providing considerations for its use. It will also cover how to Perform deployments with WDS.

- Overview of WDS
- Implementing Deployment with WDS
- Administering WDS
- After completing this module, students will be able to:
- Understand the features and functionality of Windows Deployment Services (WDS)
- Determine the appropriateness of its use in particular situations
- Perform deployments with WDS

- **Implementing Update Management**

This module covers the features and functionality of Windows Server Update Services (WSUS) as well as detailing how to provision updates with WSUS.

- Overview of WSUS
- Deploying Updates with WSUS
- After completing this module, students will be able to:
- Understand the features and functionality of Windows Server Update Services (WSUS)
- Deploy Updates with WSUS

- **Monitoring Windows Server 2012**

This module covers the various monitoring tools available in Windows Server 2012. It will cover the use of Performance Monitor as well as how to monitor and successfully utilize Event logs.

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Logs
- After completing this module, students will be able to:
- Describe and understand the various monitoring tools available in Windows Server 2012
- Use Performance Monitor
- Monitor and successfully utilize Event logs.
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## **Fechas Programadas**

A petición. Gracias por [contactarnos](#).

## **Información Adicional**

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)