Netec Digital
Certificaciones Profesionales enTI

CURSO

OD20703-2B

Integrating Cloud Services with System Center Configuration Manager

Microsoft Partner

Gold Learning

Course Outline

Module 1: Extending the Configuration Manager infrastructure to support internet-based and mobile devices

This module describes the challenges in managing a mobile and internet-based workforce. It also describes how Configuration Manager integrates with mobile device management and cloud services solutions to address these challenges.

Lessons
- Managing a mobile and distributed workforce
- Integrating Configuration Manager with cloud services and internet-based management solutions
- PKI requirements to support internet-based management
- Expanding content availability by using cloud-based distribution points

Lab : Preparing for cloud integration
- Activating an Azure trial subscription
- Configuring and enabling directory syncing

Lab : Implementing PKI for Configuration Manager site systems and clients
- Creating certificate templates for Configuration Manager services
- Deploying certificates for Configuration Manager

Lab : Configuring cloud-based distribution points
- Creating and exporting an Azure management certificate for cloud-based distribution points
- Setting up Azure and creating a cloud-based distribution point

After completing this module, students will be able to:
- Understand the challenges in managing a mobile and distributed workforce.
- Understand the considerations for integrating Configuration Manager with cloud services and internet-based management solutions.
- Describe the public key infrastructure (PKI) requirements to support the internet and mobile device management.
- Explain how to expand content availability by using cloud-based distribution points.

Module 2: Managing clients on the internet

This module explains how to manage client devices that are located outside of the corporate network and connected to the internet.

Lessons
- Methods for managing internet-based clients
- Planning and implementing IBCM
- Planning and implementing the Cloud Management Gateway

Lab : Configuring IBCM
- Configuring the Configuration Manager site systems to support IBCM
- Verifying the client settings for IBCM

Lab : Configuring the Cloud Management Gateway for managing clients on the internet
- Enabling the Cloud Management Gateway feature
- Creating and exporting the Azure management certificate for cloud-based distribution points
- Setting up the Cloud Management Gateway

After completing this module, students will be able to:
- Identify the methods for managing client devices that are connected to the internet, but located outside the corporate network.
- Describe the considerations and tasks for enabling Configuration Manager to support internet-based client management (IBCM).
- Describe the considerations and procedures for implementing the Cloud Management Gateway to support internet-based clients.

Module 3: Managing Microsoft Store for Business apps by using Configuration Manager

This module explains how to use Microsoft Store for Business, how to set it up, and how to manage it. It also describes how to deploy and manage Microsoft Store for Business apps by using Configuration Manager.

Lessons
- Overview of Microsoft Store for Business
- Managing Microsoft Store for Business apps by using Configuration Manager

Lab : Setting up and managing Microsoft Store for Business
- Signing up for Microsoft Store for Business
- Managing Microsoft Store for Business

Lab : Deploying Microsoft Store for Business apps by using Configuration Manager
- Setting up syncing with Microsoft Store for Business
- Deploying and managing Microsoft Store for Business apps

After completing this module, students will be able to:
Explain how to manage Microsoft Store for Business and describe its features.
Deploy apps from Microsoft Store for Business by using Configuration Manager.

Module 4: Managing Office 365 apps by using Configuration Manager

This module explains how to implement Office 365 client management to help support an Office 365 cloud-based solution. It also describes how to deploy and manage Office 365 apps by using Configuration Manager.

Lessons
- Overview of Office 365 ProPlus
- Deploying Office 365 client applications by using Configuration Manager
- Managing and updating an Office 365 client deployment

Lab : Preparing Office 365 for application deployment
- Signing up for an Office 365 trial subscription
- Assigning Office 365 ProPlus licenses to users
- Modifying Office 365 ProPlus options for manual downloads

Lab : Deploying and managing Office 365 client applications by using Configuration Manager
- Configuring infrastructure requirements to support Office 365 client management
- Deploying the Office 365 client application
- Configuring software updates to support Office 365

After completing this module, students will be able to:
- Describe Microsoft Office 365 ProPlus features.
- Use Configuration Manager to deploy Office 365 applications.
- Manage and update an Office 365 client deployment.

Module 5: Mobile device management by using Configuration Manager

This module describes the methods and technologies to manage mobile devices by using Configuration Manager.

Lessons
- Overview of mobile device management
- Configuring the Exchange Server connector for mobile device management

Lab : Managing mobile devices by using the Exchange Server connector
- Configuring permissions for Exchange integration
- Configuring the Exchange Server connector
- Managing mobile devices by using Configuration Manager

After completing this module, students will be able to:
- Provide an overview of Microsoft mobile device management technologies and how they integrate with Configuration Manager.
- Explain how to deploy the Microsoft Exchange Server connector for Configuration Manager.

Module 6: On-premises mobile device management using Configuration Manager

This module explains on-premises mobile device management, its requirements, and the types of devices it can manage. It also explains how to implement on-premises mobile device management in an existing Configuration Manager environment and the different ways to enroll Windows 10 devices.

Lessons
- Overview of on-premises mobile device management
- Configuring on-premises mobile device management using Configuration Manager

Lab : Managing mobile devices with an on-premises infrastructure
- Configuring PKI for on-premises mobile device management
- Preparing Configuration Manager for on-premises mobile device management
- Enrolling Windows 10 devices for on-premises mobile device management

After completing this module, students will be able to:
- Explain what on-premises mobile device management is and compare it with other management options.
- Plan for and implement the requirements for on-premises mobile device management.
- Enroll a modern Windows 10 device in on-premises mobile device management

Additional Reading

To help you prepare for this class, attend the following course:

- Course 20703-1A: Administering System Center Configuration Manager
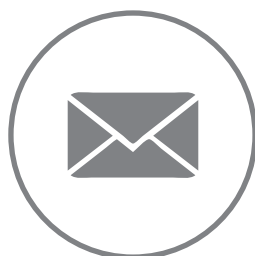
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