

20703-2 Integrating Cloud Services with System Center Configuration Manager

Course Overview

This is a 2-day class

This is a two-day instructor-led training (ILT) course that describes the integration of various online cloud services with Microsoft System Center Configuration Manager. This course covers integration with online services such as Microsoft Store for Business, Microsoft Office 365, and Microsoft Azure. It also describes how to manage mobile devices by using methods such as on-premises mobile device management and Exchange Server integration.

Who Should Attend

This course is intended for experienced information technology (IT) professionals, typically described as Enterprise Desktop Administrators (EDAs). These EDAs deploy, manage, and maintain PCs, devices, and applications across medium, large, and enterprise organizations. A significant portion of this audience uses or intends to use the latest branch of Configuration Manager to manage and deploy PCs, devices, and applications.

The secondary audience for this course are individuals who are interested in taking Exam 70-703: "Administering System Center Configuration Manager and Cloud Services Integration."

Course Objectives

After completing this course, students will be able to:

- Describe the challenges in managing a mobile and internet-based workforce and how Configuration Manager integrated with mobile device management and cloud services solutions can address these challenges.
- Describe and configure methods used to manage client devices that are located outside of the corporate network and connected to the internet.
- Deploy and manage Microsoft Store for Business apps by using Configuration Manager.
- Deploy and manage Office 365 apps by using Configuration Manager.
- Manage mobile devices by using Configuration Manager.
- Describe and configure on-premises mobile device management using Configuration Manager.

Course Outline

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

Managing a mobile and distributed workforce
Integrating Configuration Manager with cloud services and Internet-based management solutions
PKI requirements to support the Internet and MDM
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

2 Managing clients on the internet

Methods for managing Internet-based clients
Planning and implementing Internet-based client management
Planning and implementing 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

3 Managing Microsoft Store for Business apps by using Configuration Manager

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

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4 Managing Office 365 apps by using Configuration Manager

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

5 Mobile device management by using Configuration Manager

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

6 On-premises mobile device management using Configuration Manager

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