



*Training Course:
Administering System Center Configuration
Manager*

*1 - 5 July 2024
Barcelona (Spain)
Grupotel Gran Via 678*

Training Course: Administering System Center Configuration Manager

Training Course code: IT234712 From: 1 - 5 July 2024 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 5775 € Euro

Introduction

Distribute, deploy, and monitor applications for managed users and systems.

In this course, you will use Configuration Manager and its associated site systems to efficiently manage network resources. You will learn day-to-day management tasks, including how to manage applications, client health, hardware and software inventory, operating system deployment, and software updates by using Configuration Manager. You will also discover how to optimize System Center Endpoint Protection, manage compliance, and create management queries and reports.

Course Objectives

What You'll Learn

- Describe the features of Configuration Manager and Intune include, and explain how you can use these features to manage PCs and mobile devices in an enterprise environment.
- Analyze data by using queries and reports
- Prepare a management infrastructure, including configuring boundaries, boundary groups, resource discovery, and integrating mobile-device management with Microsoft Exchange Server
- Deploy and manage the Configuration Manager client
- Configure, manage, and monitor hardware and software inventory as well as use Asset Intelligence and software metering
- Identify and configure the most appropriate method to distribute and manage content used for deployments
- Distribute, deploy and monitor applications for managed users and systems.
- Maintain software updates for PCs that Configuration Manager administers
- Manage configuration items, baselines, and profiles to assess and configure compliance settings and data access for users and devices
- Configure an operating system deployment strategy by using Configuration Manager
- Manage and maintain a Configuration Manager site

Target Audience

This course is for experienced information technology IT professionals who 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 release of Configuration Manager to manage and deploy PCs, devices, and applications.

Course Outlines

Managing Computers and Mobile Devices in the Enterprise

- Overview of systems management by using enterprise management solutions
- Overview of the Configuration Manager architecture

- Overview of the Configuration Manager administrative tools
- Tools for monitoring and troubleshooting a Configuration Manager site

Analyzing Data Using Queries and Reports, and CMPivot

- Introduction to queries
- Configuring Microsoft SQL Server Reporting Services SSRS
- Analyzing the real-time state of devices by using CMPivot

Preparing the Configuration Manager Management Infrastructure

- Configuring site boundaries and boundary groups
- Configuring resource discovery
- Organizing resources using devices and user collections

Deploying and Managing the Configuration Manager client

- Overview of the Configuration Manager client
- Deploying the Configuration Manager client
- Configuring and monitoring client status
- Managing client settings and performing management operations

Managing Inventory for PCs and Applications

- Overview of inventory collection
- Configuring hardware and software inventory
- Managing inventory collection
- Configuring software metering
- Configuring and managing Asset Intelligence

Distributing and Managing Content Used for Deployments

- Preparing the infrastructure for content management
- Distributing and managing content on distribution points

Deploying and Managing Applications

- Overview of application management
- Creating applications
- Deploying applications
- Managing applications
- Deploying virtual applications by using System Center Configuration Manager Optional
- Deploying and managing Windows Store apps

Maintaining Software Updates for Managed PCs

- The software updates process
- Preparing a Configuration Manager site for software updates
- Managing software updates
- Configuring automatic deployment rules
- Monitoring and troubleshooting software updates
- Enabling third-party updates

Implementing Endpoint Protection for Managed PCs

- Overview of Endpoint Protection in Configuration Manager
- Configuring, deploying, and monitoring Endpoint Protection policies
- Configuring and deploying advanced threat policies

Managing Compliance and Secure Data Access

- Overview of compliance settings
- Configuring compliance settings
- Viewing compliance results
- Managing resource and data access

Managing Operating System Deployment

- An overview of operating system deployment
- Preparing a site for operating system deployment
- Deploying an operating system
- Managing Windows as a service

Managing and Maintaining a Configuration Manager Site

- Configuring role-based administration
- Configuring Remote Tools
- Overview of Configuration Manager site maintenance and Management Insights
- Backing up and recovering a Configuration Manager site
- Updating the Configuration Manager Infrastructure

Registration form on the Training Course: Administering System Center Configuration Manager

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