



*Training Course:
Administering System Center Configuration
Manager*

*26 - 30 July 2027
Barcelona (Spain)*

Training Course: Administering System Center Configuration Manager

Training Course code: IT234712 From: 26 - 30 July 2027 Venue: Barcelona (Spain) - Training Course Fees: 6300 € 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

- Experienced IT professionals responsible for deploying, managing, and maintaining PCs, devices, and applications
- Administrators working in medium, large, and enterprise-level organizations
- Professionals using or planning to use Microsoft Configuration Manager for endpoint management
- IT staff involved in system deployment, software distribution, and enterprise device lifecycle management
- Engineers and administrators responsible for monitoring, troubleshooting, and securing managed environments

Course Outlines

Day 1: Configuration Manager Overview & Infrastructure

- Managing computers and mobile devices in the enterprise
- Overview of systems management using enterprise solutions
- Configuration Manager architecture overview
- Configuration Manager administrative tools
- Tools for monitoring and troubleshooting Configuration Manager sites
- Preparing Configuration Manager management infrastructure
- Site boundaries and boundary groups
- Resource discovery
- Organizing resources using collections

Day 2: Client Deployment & Inventory Management

- Overview of Configuration Manager client
- Deploying Configuration Manager client
- Configuring and monitoring client status
- Managing client settings and operations
- Inventory collection overview
- Hardware and software inventory configuration
- Managing inventory collection
- Software metering
- Asset Intelligence configuration and management

Day 3: Content Distribution & Application Management

- Preparing infrastructure for content management
- Managing distribution points
- Content distribution and management
- Application management overview
- Creating, deploying, and managing applications
- Deploying virtual applications optional
- Managing Windows Store apps

Day 4: Updates, Security & Compliance

- Software updates process
- Preparing Configuration Manager for software updates
- Managing and deploying updates
- Automatic Deployment Rules ADR
- Monitoring and troubleshooting updates

- Third-party updates enablement
- Endpoint Protection overview
- Configuring and deploying Endpoint Protection policies
- Advanced threat protection policies
- Compliance settings configuration and monitoring
- Resource and data access management

Day 5: OS Deployment & Site Maintenance

- Operating system deployment overview
- Preparing for OS deployment
- Deploying operating systems
- Managing Windows as a Service
- Role-based administration
- Remote tools configuration
- Site maintenance and management insights
- Backup and recovery of Configuration Manager
- Updating Configuration Manager infrastructure

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

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