



*Training Course:
Mastering Microsoft System Center Configuration
Manager*

12 - 16 October 2025

Dubai (UAE)

Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course: Mastering Microsoft System Center Configuration Manager

Training Course code: IT236068 From: 12 - 16 October 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 6500 € Euro

Introduction

This intensive training course provides IT professionals and system administrators with comprehensive knowledge of Microsoft System Center Configuration Manager SCCM, focusing on its capabilities in system deployment, software distribution, endpoint protection, update management, and compliance. Through theoretical sessions, participants will gain mastery in planning, configuring, and optimizing SCCM environments to support modern enterprise infrastructure needs.

Target Audience

- IT Infrastructure Managers
- System and Network Administrators
- IT Support Engineers
- Technical Leads and Consultants
- Professionals involved in managing large-scale Windows environments

Objectives

Upon completion, participants will be able to:

- Understand the architecture and components of SCCM
- Plan, deploy, and manage SCCM infrastructure
- Configure and optimize client deployment and management
- Manage applications, software updates, and operating systems
- Apply security, compliance, and reporting features within SCCM
- Troubleshoot and maintain SCCM environments effectively

Training Program Outline

Day 1: SCCM Overview and Architecture

- Introduction to Microsoft Endpoint Configuration Manager SCCM
- Role of SCCM in enterprise IT management
- SCCM architecture and component roles
- Site system roles: Primary Site, Secondary Site, CAS
- Planning and design considerations for deployment
- Understanding SCCM prerequisites and scalability

Day 2: Client Management and Device Collections

- Methods of client deployment manual, GPO, push, etc.
- Client installation and health monitoring
- Device and user collections: purpose and configuration
- Managing boundaries and boundary groups
- User discovery and device discovery techniques
- Client communication methods and site assignment

Day 3: Software Deployment and Application Management

- Application lifecycle in SCCM
- Differences between applications and packages
- Deployment types and detection methods
- Creating and deploying applications
- Managing dependencies, supersedence, and global conditions
- Monitoring application deployments and troubleshooting

Day 4: Operating System Deployment and Updates

- Overview of Operating System Deployment OSD
- Task Sequences: components and configuration
- Capturing and deploying images
- Driver and boot image management
- Patch management using Software Update Point SUP
- Compliance settings and baseline configurations

Day 5: Security, Compliance, and Administration

- Endpoint Protection integration with SCCM
- Role-Based Administration and security scopes
- Reporting and SQL-based reporting services
- Maintenance tasks and backup strategies
- Troubleshooting common SCCM issues
- Best practices for performance optimization and compliance

Registration form on the Training Course: Mastering Microsoft System Center Configuration Manager

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