MERCURY

Microsoft SCCM Training Course

07 - 11 Oct 2024
Vienna (Austria)

Microsoft SCCM Training Course

Ref.: 15324_311734 **Date:** 07 - 11 Oct 2024 **Location:** Vienna (Austria) **Fees:** 5200 **Euro**

Introduction:

The SCCM training course is an in-depth journey through the features and capabilities of Microsoft's enterprise-grade management platform. Throughout this course, participants will engage in practical, real-world projects that aim to hone their skills in enterprise server assessment, deployment, upgrades, and client-server deployment. Upon completing the SCCM certification course, attendees will understand how to use SCCM to improve IT operations.

In today's IT environment, streamlining administrative tasks is essential to managing many computers running Windows, macOS, Linux, or Unix or mobile devices running iOS, Android, or Windows. Microsoft's System Center Configuration Manager SCCM training will prepare you to use this powerful platform to manage network resources efficiently.

Targeted Groups:

- IT Administrators.
- System Engineers.
- Network Administrators.
- IT Support Specialists.
- Infrastructure Managers.
- Desktop Support Technicians.
- Systems Analysts.
- IT Operations Teams.
- Endpoint Management Specialists.
- IT Consultants.

Targeted Audience:

The SCCM training course is designed for candidates with foundational IT skills, including but not limited to:

- Understand networking principles such as topologies, hardware, media, protocols, routing, switching, and addressing.
- Familiarity with Active Directory Domain Services AD DS principles and basic management techniques.
- Experience in setting up, troubleshooting, and installing Windows-based personal computers.
- An introduction to security principles, especially Public critical infrastructure PKI.
- Some basic comprehension of programming languages and Windows PowerShell syntax.
- Awareness of Windows Server roles and services.
- Basic setup knowledge for iOS, Android, and Windows Mobile devices.

Course Objectives:

Enrollees of the Microsoft SCCM course will aim to achieve several key objectives, including:

- Analyze data using queries and reports.
- Establish a management structure with boundaries and boundary groups and integrate mobile device management with Microsoft Exchange Server.
- Deploy and administer Configuration Manager clients.
- Manage and monitor hardware and software inventories using Asset Intelligence and software metering.
- Determine and configure optimal content management for deployments.
- Distribute, deploy, and monitor applications for both systems and user engagement.
- Maintain software updates for PCs managed by Configuration Manager.
- Implement Endpoint Protection for managed PCs.
- Manage configuration items, baselines, and profiles to assess and configure user and device compliance settings.
- Create a deployment strategy for operating systems via Configuration Manager.
- Manage and maintain a Configuration Manager site.

Targeted Competencies:

At the end of this Microsoft SCCM training, target competencies will:

- Proficiency in System Center Configuration Manager SCCM administration.
- Expertise in deploying operating systems and applications using SCCM.
- Advanced skills in software update management with SCCM.
- Competence in SCCM infrastructure setup and maintenance.
- Ability to configure and manage SCCM clients.
- Master in SCCM reporting and analytics.
- Know SCCM compliance settings and endpoint protection.
- Skills in troubleshooting SCCM issues.
- Integrate SCCM with other Microsoft and third-party solutions.
- Understand SCCM security best practices and role-based administration.

Course Outline:

Unit 1: Overview of System Center Configuration Manager:

- Introduction to System Center Configuration Manager.
- Overview of Default Site System Roles for Configuration Manager Server.
- Review of Optional Site System Roles for Configuration Manager Server.
- Deploy Scenarios for Configuration Manager.

Unit 2: Planning and Deploying a Standalone Primary Site:

- Tactics for Preparing a System Center Configuration Manager Standalone Primary Site Deployment.
- Steps to Install a Configuration Manager Site Server.
- Pre-deployment Plan for a Configuration Manager Primary Site.
- Post-setup Configuration Tasks Execution.

Unit 3: Planning and Configuring Role-Based Administration:

- Fundamentals of Role-Based Administration.
- Organize IT Roles for Role-Based Administration Configuration.

Unit 4: Planning and Deploying a Multiple-Site Hierarchy:

- Plan Strategies for Configuration Manager Multiple-Site Hierarchies.
- Protocol for Configuration Manager Site Installation.
- Deployment of the Central Administration Site.
- Cascading Primary Sites Tactics.
- Techniques for Setting Up Secondary Sites.

Unit 5: Planning, Configuring and Monitoring Content Management:

- Strategies for Planning Content Management.
- Protocols for Configuring and Monitoring Content Management.

Unit 6: Planning and Configuring Discovery Methods and Client Installation Methods:

- Discovery Methods Synopsis.
- Execute Various Discovery Strategies.
- Examine Client Installation Techniques.
- Establish and supervise client Installation Tactics.

Unit 7: Maintaining and Monitoring System Center Configuration Manager:

- System Center Configuration Manager Site Maintenance Overview.
- Strategy for configuration manager site, systems backup, and monitoring.
- Techniques for Configuration Manager Site Recovery.

Unit 8: Migrating from System Center Configuration Manager 2007 to System Center 2012 Configuration Manager

- Process Outline for Migration.
- Setting Configuration for Migration.
- Pre-migration Checklist for Configuration Manager 2007 Sites.
- Strategy for Migrating Objects.

Conclusion:

This SCCM training will provide you with the knowledge and skills necessary to become proficient in managing and maintaining an organization's devices and applications across various platforms. You will learn about SCCM, its benefits, and how to apply its powerful features in your everyday IT tasks.

Registration form on the :
Microsoft SCCM Training Course

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