



MFE-IT

Reference: SM/EN/SCCM

SCCM Training Course (Microsoft Configuration Manager)

Deployment, Management and Compliance of IT Equipment

Duration: 4 Days | Hours: 28 h

Remote · Sessions guaranteed from 1 registrant · 60% hands-on practice

DESCRIPTION

Microsoft SCCM (System Center Configuration Manager, now Microsoft Configuration Manager) is a powerful centralised tool for managing, deploying and securing workstations and servers in corporate environments. Despite the cloud-first push toward Intune, Configuration Manager remains the workhorse for large Windows fleets in 2026 — increasingly used in co-management with Intune for hybrid scenarios.

This training course will enable you to master the main features of SCCM: installation, configuration, application deployment, updates, inventories and equipment compliance. You will learn how to structure your SCCM hierarchy, optimise collections, automate management tasks and ensure software and hardware compliance across thousands of Windows endpoints.

LEARNING OBJECTIVES

By the end of this training course, participants will be able to:

- Understand SCCM architecture and components (site, database, management point, distribution)
- Deploy and configure the SCCM environment
- Create collections, manage applications, packages and Windows updates
- Automate OS deployment (task sequences, PXE boot, WDS)
- Perform hardware and software inventories
- Manage compliance, security and user rights

PREREQUISITES

- Solid knowledge of Windows Server administration and Active Directory
- Basic understanding of networking, DNS and Windows security
- Experience in IT asset management recommended

Because each participant is unique, a personalised interview is systematically organised in advance with our expert to design a training programme perfectly aligned with their objectives, level and professional challenges.

TARGET AUDIENCE

System administrators, infrastructure managers and IT service providers who wish to professionalise the management of their Windows environments.

DETAILED PROGRAMME

The training alternates between theoretical input and hands-on practice (approximately 60% of the time). Modules are built around practical exercises based on real-world business use cases.

Module 1 – SCCM Architecture and Installation

- Key SCCM concepts: sites, hierarchy and roles
- Components: management point, distribution point, database
- Installation prerequisites and step-by-step deployment

Module 2 – Collection and Resource Management

- Network discovery and resource enumeration
- Dynamic and static collections
- Membership rules and organisational strategies

Module 3 – Deployment of Applications and Packages

- Package creation and AppModel
- Targeted distribution to collections
- Deployment tracking and troubleshooting

Module 4 – Software Update Management

- WSUS integration and update catalogues
- Automatic maintenance windows
- Reports and compliance dashboards

Module 5 – Operating System Deployment

- Image creation and management
- Task sequences and PXE / WDS
- Drivers, MDT integration and zero-touch installation

Module 6 – Compliance, Supervision and Best Practices

- Compliance reports and software inventory
- Client security and site health monitoring
- Co-management with Microsoft Intune

TEACHING METHODS

Format and Delivery

The training is delivered remotely via an interactive virtual classroom. It can also be delivered on-site, with content customised to match the needs of your professional project. The theory/practice split is approximately 40%/60%.

MFE-IT Ultra-Personalised Format

Each session accommodates between 1 and 3 participants, ensuring highly individualised support. A preliminary interview allows us to tailor the content to each participant's profile. Inter-company sessions are guaranteed from just 1 registrant (except in cases of force majeure).

Skills Assessment

Throughout the training, the trainer assesses participant progress through multiple-choice questions, role-playing exercises and hands-on work. At the end, a certificate of achievement is issued to each participant.

Post-Training Support

For one month following the training, each participant can contact MFE-IT trainers with questions about implementing acquired knowledge. A response is provided by email or telephone within 48 working hours.

Accessibility

MFE-IT is committed to welcoming people with disabilities. Contact: contact@mfe-it.com.

PRACTICAL INFORMATION

Trainer Resources

- Structured demonstrations aligned with the detailed programme
- Exercise briefs and solutions throughout the training
- A ready-to-use technical environment for practical workshops
- Trainer validation of acquired knowledge at the end of each workshop
- Digital reference documents

Certification and Validation

At the end of the training, a certificate is sent by email specifying the objectives, nature, duration and assessment results. A completion certificate can also be provided on request.

Benefits for Participants

- Train from your workplace or home, with no travel required
- Benefit from an expert trainer-consultant on the subject
- Enjoy an ultra-personalised format (1 to 3 participants)
- Continue training even in the event of unforeseen circumstances

Benefits for the Organisation

- Optimise the training budget by reducing travel and accommodation costs
- Offer quality training to all employees, regardless of location
- Reduce absence time linked to travel
- Support team upskilling in all contexts