

KOENIG SOLUTIONS • COURSE OUTLINE

Microsoft Endpoint Configuration Manager (MECM)

Learn to design, install, and manage Microsoft Endpoint Configuration Manager sites, clients, and infrastructure.

2 Days

16 HOURS

27

TOPICS

COURSE OVERVIEW

The Microsoft Endpoint Configuration Manager (MECM) course is designed to equip learners with the essential knowledge and skills to manage devices and applications across an organization. The course is structured into modules that cover the full scope of MECM, from installation to Client management and Troubleshooting. Module 1 delves into the Architecture scenarios, including Designing a hierarchy and standalone primary site, Updating infrastructure, Site system roles, and Active Directory integration. Module 2 covers Installation preconditions, Primary site installation, Optimization, Availability, and Monitoring. Module 3 teaches the use of the Administration console, Deployment strategies, basic operations, advanced search, and practical tips. Module 4 prepares learners for Client management, Site assignment, Fallback configurations, Boundaries, and Resource discovery. Finally, Module 5 focuses on the Configuration Manager client, including Deployment prerequisites, Installation methods, Client status, settings, and Troubleshooting. Through this comprehensive endpoint training, learners will be well-prepared to pursue MECM certification, gaining the expertise needed to effectively manage their organization's IT infrastructure.

Who Should Attend

Koenig Solutions' Microsoft Endpoint Configuration Manager (MECM) course is aimed at IT professionals seeking to master system management and deployment. Target Audience:

IT Managers overseeing infrastructure

System Administrators responsible for managing devices and applications

Infrastructure Architects designing system management solutions

Network Administrators tasked with maintaining network compliance

Desktop Support Technicians involved in deploying and troubleshooting endpoints

Security Administrators focused on protecting organizational assets

Configuration Managers looking to optimize and monitor system configurations

IT Professionals aiming to gain expertise in Microsoft Endpoint Configuration Manager

Technical Consultants providing strategic advice on system management solutions

Compliance Officers ensuring infrastructure meets regulatory standards

LEARNING OBJECTIVES

- Design a hierarchy and standalone primary site architecture
- Explain site system roles and Active Directory integration
- Apply installation preconditions for a primary site
- Configure optimization, availability, and monitoring settings
- Navigate the Administration Console for basic operations
- Apply advanced search and filtering with useful tools
- Configure client assignment, fallback, and boundary groups
- Deploy Configuration Manager clients and troubleshoot client status

COURSE SYLLABUS

27 Topics

01

TOPICS

- Architecture Scenarios Design of a hierarchy and standalone primary site
- Updating a Configuration Manager Infrastructure
- Site System Roles Active Directory Integration

02

TOPICS

Installation Preconditions · Installing a Primary Site · Optimization of the installation · Availability · Monitoring and troubleshooting

03

TOPICS

Administration Console · Deployment · Basic functions and operation · Advanced search and filtering · Useful tools · Practical tips

04

TOPICS

- Preparing the Infrastructure for Client Management
- Assigning a Client to a Primary Site
- Fallback Configurations
- Boundaries and Boundary Groups
- Client Roaming
- Discovery of resources

05

TOPICS

Configuration Manager · Client Basics and function of the client · Client Deployment Prerequisites · Installation Methods · Client status and client monitoring · Client Settings · Troubleshooting and tips

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com

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