Microsoft Endpoint Configuration Manager (MECM)

Duration: 16 Hours (2 Days)

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.

Audience Profile

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

Course Syllabus

Module 1:

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

Module 2:

- Installation Preconditions
- Installing a Primary Site

- Optimization of the installation
- Availability
- Monitoring and troubleshooting

Module 3:

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

Module 4:

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

Module 5:

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