

## Administering Microsoft Endpoint Manager

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### Course Summary

#### Description

In this course, students will learn how to manage the day-to-day operations of Security products. This course represents the merger of SCCM and Intune as a single solution that has become Microsoft Endpoint Manager Security and Updates Suite. Additionally, we will answer the questions in everyone's mind, Does Microsoft Endpoint Manager replace SCCM? In this course we will learn how the Union of two technologies gives birth to services never available before. Learners will get to work hands on with the new MEM Dashboards. MEM new cloud console and service serves up your managed devices, whether they're controlled solely by SCCM and whether they even have internet connectivity. They're managed by Intune and have never seen an on-premises server, or indeed if they're co-managed by both SCCM and Intune. And it's all of your devices in one console that also provides access to other services that complete the modern device story such as Desktop Analytics, Windows Autopilot and the new Technology and Productivity scores. systems.

#### Topics

- Understand and Explore the journey of Microsoft Security Products
- MEM Planning and Design.
- Introduction to Endpoint Configuration Manager
- Understanding the Microsoft Endpoint Manager Fundamentals
- Introduction to Service Branches and Licensing
- Getting started with Microsoft Endpoint Manager
- Understanding Intune with Endpoint protection
- Introduction to cloud native windows endpoints with MEM.

#### Audience

Administrators, Architects, Security and Operations, Developers, CSO, Project Managers, and all others wishing to move from SCCM to the MEM operations and functions.

#### Prerequisites

Before taking this course, students should have:

- Basic working knowledge of Windows Server, Active Directory, and basic networking skills.
- Working knowledge of Azure Administration or Basic exposure to cloud services.

#### Duration

Five days

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### Course Outline

#### *I. Understand and Explore the journey of Microsoft Security Products*

- A. The Configuration Manager Journey.
- B. The emergence of Intune Security tools
- C. What Happened to SCCM?
- D. LAB 01: Explore the metamorphosis into Microsoft Endpoint Configuration Manager.

#### *II. MEM Planning and Design.*

- A. Supported Configurations
- B. Overview of Sites Design hierarchy
- C. Introduction to Content Management Fundamentals
- D. Introduction to data transfer between sites.
- E. Introduction to Security and Privacy for Configuration Manager

#### *III. Introduction to Endpoint Configuration Manager*

- A. What is Endpoint Configuration Manager?
- B. Exploring MEM Accessibility Features
- C. LAB 01: Explore MEM Console
- D. Introduction to MEM Console.
- E. Introduction to MEM Console Customizations.
- F. LAB 02: Customizing the MEM Console

#### *IV. Understanding the Microsoft Endpoint Manager Fundamentals*

- A. Introduction to Cloud Technologies and Patterns
- B. Overview of MEM cloud Services
- C. Configuration Manager on Azure
- D. LAB 01: Working with MEM in Azure
- E. Introduction to Sites and Hierarchies
- F. Introduction to Client Management and Security
- G. Understanding Role-based administration
- H. LAB 02: Client Management and Security

#### *V. Introduction to Service Branches and Licensing*

- A. Understanding Configuration Manager Branches
- B. Understanding Configuration Manager Licensing
- C. Extending Interoperations to the client in-console updates
- D. What is a Long-Term Branch?
- E. Understanding LTSP Support in Configuration Manager
- F. LAB 01: Branch and Licensing written Lab

#### *VI. Getting started with Microsoft Endpoint Manager*

- A. Introduction to Planning and Deployment
- B. Understanding Device enrollment
- C. Understanding Compliance Policies

#### *VII. Understanding Intune with Endpoint protection*

- A. Understanding Intune App protection policies
- B. Introduction to Data Protection Framework
- C. Understanding app protection delivery and timing
- D. Understanding Releases and Updates
- E. LAB 01: Ex01 – Creating and Assigning app protection policies.
- F. Ex02 – Managing data transfer between IOS apps in Microsoft Intune
- G. Ex03 – Monitoring App Protection Policies

#### *VIII. Introduction to cloud native windows endpoints with MEM.*

- A. Understanding Native Windows Endpoint
- B. Understanding the Phases of Windows Endpoint
- C. Understanding Endpoint analytics
- D. Understanding Windows Autopilot
- E. Understanding Microsoft Endpoint Configuration Manager