Implementing and Managing Microsoft Intune

Duration: 3 Days **Course Code: M55399A** **Delivery Method: Company Event**

Overview:

This three-day instructor-led course is aimed at modern device management professionals looking to manage their enterprise devices using Microsoft Intune.

This course will cover Enrolment, Application Management, Endpoint Security and Windows Autopilot as well as Microsoft Entra Conditional Access and Identity Protection. The delegates will learn how to enroll devices, deploy applications and manage them to maximize user productivity and device security.

This course has been updated to reflect the change form Azure Active Directory to Microsoft Entra.

Updated August 2026

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

Implementing and Managing Microsoft Intune course is primarily designed for:
- Modern device management professionals who manage enterprise devices using Microsoft Intune.
- IT administrators responsible for managing Windows, Mac, Android, and iOS devices in an enterprise environment.
- Security professionals focusing on endpoint security and compliance.
- Application managers who deploy and manage applications across various devices.

Objectives:

- **After this course participants should be able to:**
- Understand the core capabilities of Microsoft Intune and associated Microsoft Entra features.
- Implement Microsoft Intune Device Management for enterprise devices.
- Deploy and manage applications using Microsoft Intune Application Management.
- Configure and manage Microsoft Intune Endpoint Security features and policies.
- Deploy Windows devices using Windows Autopilot.
- Utilize Microsoft Intune Additional and Premium Features, including Remote Help, Endpoint Privilege Management, and Advanced Endpoint Analytics.

Prerequisites:

A Knowledge of Microsoft Entra ID, Windows Deployment and Application manage technologies.

This is not an entry-level course.

Testing and Certification

None

Follow-on-Courses:

None

Content:

Module 1: Introduction to Microsoft Intune

This module introduces the Microsoft Intune product family and associated Microsoft Entra features.

Lessons M1:

- Mobile Device Management
- Microsoft Intune
- Microsoft Entra ID
- Microsoft Entra Identity Protection
- Microsoft Entra Conditional Access

Lab: Environment Setup and Conditional Access

- Signup for M365 E5 Trial
- Create Users and Groups
- Create Identity Protection Policies

Module 2: Microsoft Intune Device Management

This module describes the features and implementation of Mobile Device Management using Microsoft Intune, including enrollment, compliance, configuration and Operating System updates.

Lessons M2:

- Enrolling Devices
- Device Compliance
- Device Profiles
- Device Updates

Lab: Enrolling Windows Devices

- Prepare for Enrollment
- Enroll a Windows Device
- Enroll an IOS Device (optional)
- Enroll an Android Device (optional)
- Create and deploy compliance and conditional access policies
- Create and deploy configuration profiles

Module 3: Microsoft Intune Application Management

This module describes deployment and management of applications using Microsoft Intune on enrolled and unenrolled devices.

Lessons M3:

- Application Management
- Deploying Applications
- Application Configuration
- Managing Applications
- Policy Sets and Guided Scenarios

Lab: Deploying Apps

- Deploy Remote Desktop and M365 Apps for Enterprise to managed client machines
- Deploy Notepad++ (Optional)
- Deploy Apps to IOS (optional)
- Deploy Apps to Android (optional)

Module 4: Microsoft Intune Endpoint Security

This module describes the centralized Endpoint Security features and policies within Microsoft Intune.

Lessons M4:

- Security Baselines and tasks
- Antivirus
- Disk Encryption
- Firewall
- Attack Surface reduction
- Endpoint detection and response
- Account Protection

Lab: Manage Endpoint Security in Microsoft Intune

- Implement Windows Security Baseline
- Implement Microsoft Edge Security Baseline
- Implement Attack Surface reduction policies

Module 5: Deploying Windows with Windows Autopilot

This module describes the Windows Autopilot suite of products and how to deploy Windows operating systems using Windows Autopilot.

- Windows Autopilot overview
- Preparing for windows autopilot deployment
- Deploying Windows 11 using Windows Autopilot

Lab: Deploying Windows 11 using Windows Autopilot

- Prepare Microsoft Entra for Windows Autopilot
- Prepare a windows client for windows autopilot
- Deploy Windows 11 using Windows Autopilot

Module 6: Microsoft Intune Additional and Premium Features

This module introduces some current and upcoming additional and premium features of Microsoft Intune.

- Remote Help
- Tunnel for Mobile Application Management
- Endpoint Privilege Management
- Advanced Endpoint Analytics

Lab: Performing Remote Help on a Windows 11 Client

- Sign up for Remote Help Trial
- Configure Remote Help
- Perform a Remote help session

Additional Information:

Labs available from go deploy
Continually Updated
Complete course for Intune unlike MD-101

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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