

KOENIG SOLUTIONS · COURSE OUTLINE

MDM with Intune

Learn to plan, deploy and manage devices and applications in the enterprise using Microsoft Intune.

3 Days

24 HOURS

7

MODULES

31

TOPICS

7

HANDS-ON LABS

COURSE OVERVIEW

The MDM with Intune course is designed to provide learners with a comprehensive understanding of Microsoft Intune, a cloud-based service in the enterprise mobility management (EMM) space that helps enable mobile device management (MDM) and mobile application management (MAM). Throughout the course, participants will learn how to plan, deploy, and manage devices and applications with Intune. Starting with Module 1, learners will explore the fundamentals, including licensing requirements, MDM strategies (cloud vs. hybrid), identity strategies, considerations for Bring Your Own Device (BYOD) or Choose Your Own Device (CYOD) schemes, and navigation of Intune portals. Subsequent modules delve into compliance policies, device and software configuration, managing various platforms (such as Android, iOS, and Windows), and handling applications and updates. Module 5 emphasizes device enrollment and troubleshooting, which is essential for maintaining a secure and efficient mobile environment. Monitoring and Reporting are covered in Module 6, ensuring learners can keep track of device and software statuses. Finally, Module 7 integrates Intune with the broader Enterprise Mobility and Security suite, including services like Azure Active Directory and Azure Information Protection, rounding out a full-spectrum education in managing modern mobile and desktop environments. This course will help learners develop skills to effectively manage and secure devices in a corporate environment, streamlining IT operations and enhancing organizational security.

WHO THIS COURSE IS FOR

Koenig Solutions' MDM with Intune course equips IT professionals to manage mobile devices and apps effectively.

IT Managers

Systems Administrators

Network Administrators

IT Professionals responsible for mobile device management (MDM)

Security Specialists

Compliance Officers

Technical Support Engineers

Mobility Solutions Architects

Enterprise Architects

IT Consultants specializing in Microsoft solutions

Professionals working with BYOD or CYOD policies

Cloud Services Administrators

Endpoint Managers

Professionals interested in Enterprise Mobility and Security (EMS)

What You Will Learn

- Plan licensing, identity and device management strategies for Intune
- Compare cloud and hybrid mobile device management approaches
- Evaluate BYOD and CYOD considerations for device enrolment
- Create and apply compliance policies across device platforms
- Configure devices such as Android, iOS and Windows in Intune
- Manage applications, sideloading and software updates
- Enrol devices and troubleshoot alerts and enrolment issues
- Explain how Intune integrates with Azure Active Directory and EMS

COURSE SYLLABUS

7 Modules, 31 Topics

01

Plan for Microsoft Intune

In this module, students will learn how to plan for Microsoft Intune, device management, identity and device management strategies and concludes with signing up for an Intune trial tenant.

TOPICS

- Plan Licensing and product requirements and capabilities
- Mobile device management strategy cloud vs hybrid
- Identity strategy - Users / Groups
- Physical device considerations BYOD / CYOD
- Use of the Intune Portals
- License assignment

02

Compliance

Compliance policies help protect company data; you need to ensure that any devices used to access company data comply with the rules you define. The rules could include using an 8 digit PIN to access a device and ensuring all data is encrypted when stored on a device.

TOPICS

Compliance in Intune · Create a compliance policy · Using multiple compliance policies

03

Configuration of Devices in Intune

Configuration policies, conditional access, exchange active sync and corporate device enrollment.

TOPICS

- Configuration in Intune
- Android
- Android for Work
- iOS
- Mac OS X
- Windows
- Software
- Computer Management
- Common device settings

04

Managing Applications and Updates

Discusses mobile application management without enrollment on iOS and Android devices. In addition, it covers the ability to sideload and deeplink apps and the use of the Intune Software publisher.

05

Enrolling Devices, Alerts, Troubleshooting and Reporting

Discusses enrolling mobile devices, the Intune alerts categories and capabilities. Reporting is covered in depth and general troubleshooting hints and tips.

TOPICS

Enrolling devices · iOS Certificates · Alerts overview · Device alerts · Policy alerts · Service alerts · Reporting · Troubleshooting

06

Monitoring and Reporting

Discusses monitoring and reporting using Microsoft Intune.

07**7 Labs**

Intune as Part of the Enterprise Mobility and Security Product Suite

Discusses Microsoft Intune as part of the Enterprise Mobility and Security suite of products.

TOPICS

Azure Active Directory · Azure Information Protection · Microsoft Cloud App Security · Microsoft Advanced Threat Analytics · Microsoft Identity Manager

Practise What You Learn

#	MODULE	ACTIVITY
07	Intune as Part of the Enterprise Mobility and Security Product Suite	■ Implementing Microsoft Intune ■ Sign up for an Office 365 (O365) E5 free trial and a Microsoft Enterprise Mobility and Security (EMS) E5 trial. The EMS trial includes Microsoft Intune. You will use these two trials to complete all the labs in this course. Having created the free trial tenant, you will then explore the portals used to manage them, add users and allocate licenses and finally configure company branding for your tenant. ■ Configure compliance policies for a variety of device platforms using the Azure Portal. This will involve enabling device health, security and operating system settings. To enable this, you will first create Azure AD groups for the devices. ■ Create device configuration profiles, conditional access policies and exchange active sync conditional access connections ■ Create Intune App Protection (MAM-WE) Policies and evaluate their effectiveness ■ Test the Exchange online conditional access policy ■ Enrolling an iOS, Windows and Android device into Intune management using various methods

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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