

# Managing Windows 11 Devices with Microsoft Intune and Autopilot

## WorkshopPLUS

**Focus Area:** Deployment, Management, Security, Modern IT, Microsoft 365, Microsoft Endpoint Manager, Intune

**Duration:** 3 days

**Difficulty:** 200 - Intermediate

## Overview

It is a three-day WorkshopPLUS course that provides you with knowledge and vision of Modern PC management and Modern Workplace to enable a truly modern IT environment.

You will also learn how to deploy, manage and secure Windows 11 using features included in Microsoft 365.

## Objectives

After completing this training, students will be able to:

- Understand the capabilities of the Microsoft Modern management approach
- Understand Windows Autopilot
- Deploy applications to Windows 11
- Provision settings and restrictions to Windows 11
- Understand how to implement Endpoint Data Loss Prevention
- Manage Security Policies like Updates, Microsoft Defender and Bitlocker
- To provision Windows 11 devices, manage policies and manage updates from the cloud without having to maintain an on-premises infrastructure
- Distinguish the management options of "Cloud only", "Hybrid joined" and "Bring your own Device"

## Key Takeaways

### Course Material

This WorkshopPLUS will help you learn how to manage Windows 11 devices using Microsoft Endpoint Manager (Intune). We will focus on the cloud only approach. This will be delivered by experienced Customer Engineers, and it incorporates the learned best practices from the field.

### Hands-on Labs

- Most of the concepts covered above will be supported by hands-on labs and demos.
- Attendees have access to resources and labs for up to 6 months after workshop completion.

## Agenda

### Day 1

- Modern Management prerequisites and architecture
- Azure AD and Configuring Subscriptions
- OS provisioning with Windows Autopilot

### Day 2

- Application Management
- Configuration Profiles Management

### Day 3

- Enterprise Data Control (Conditional Access, Compliance, Endpoint Data Loss Prevention)
- Endpoint Security and Windows Update Management
- Monitoring Logging and Reporting
- Optional: Full feature provisioning with Windows Autopilot and other advanced labs

Plan for three full days. Early departure on any day is not recommended.

## Course Details

### Module 1: Modern Management prerequisites and architecture

- Overall information about the changing environment and business needs and how Microsoft is addressing these challenges with Microsoft 365.

### Module 2: Azure AD and Configuring Subscriptions

- We teach basic concepts and terminology used within Azure Active Directory and Microsoft Endpoint Manager Intune. Configurations and options needed for Modern Management are also discussed.

### Module 3: OS Provisioning with Windows Autopilot

- Introduction into Windows Autopilot and configure and experience a user-based deployment.

### Module 4: Application Management

- This module will guide you through all the possibilities of modern app deployment including Microsoft 365 Apps, Edge Chromium, Windows Store for Business Apps as well as Line of Business and Win32 Apps. We will also touch base features with Windows Package Manager and winget.

### Module 5: Configuration Profile Management

- This module gives you an overview of possible configurations, settings and restrictions on the Windows 11 device. Further you learn how to deploy PowerShell scripts to the clients. We also look at secured VPN, Wi-Fi and email access profiles.

## Recommended Qualifications

- To ensure the high-quality knowledge transfer to attendees of this three-day WorkshopPLUS, the class size is limited to students who meet the following criteria:
- Understanding of the fundamentals in Windows Operating Systems.
- Basic knowledge of configuration methods like Group policies, Update mechanism, Windows security settings.
- Basic knowledge of the Microsoft Azure platform.

## For more information

Contact your Microsoft Account Representative for further details.

### Module 6: Enterprise Data Control

- You will learn how to set compliance policies and integrate them into conditional access. This ensures that your device is only able to access cloud resources if it is compliant. Learn also how to implement Endpoint Data Loss Prevention.

### Module 7: Endpoint Security and Windows Updates Management

- The security module shows you around several security relevant profiles like Microsoft Defender, Bitlocker configuration and Windows Update settings including Delivery Optimization technology.

### Module 8: Monitoring, Logging and Reporting

- This module introduces information about real time auditing, assignment status, compliance reporting, using Endpoint Analytics and how to access the Intune Datawarehouse. You will also experience how to access Intune with Graph API.

### Module 9: Full feature provisioning with Windows AutoPilot

- This module gives you some more hints and deployment proposals and allows space for your creativity to test your own scenario.

## Lab Requirements

Participants will require the following prerequisites:

Microsoft Account: Participants also need a Microsoft account to connect to the virtual environment. A Windows 11 PC with the latest browser is recommended.

The Lab environment will be provided using the Lab on Demand Platform.