

Managing Windows 10 Devices with Microsoft Intune and Autopilot

WorkshopPLUS

Focus Area: Change and Configuration Management

Duration: 3 days

Difficulty: 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 10 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 10
- Provision settings and restrictions to Windows 10
- Understand how to implement Windows Information Protection
- Manage Security Policies like Updates, Windows Defender and Bitlocker.
- To provision Windows 10 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 10 devices using Microsoft Endpoint Manager (Intune). We will focus on the cloud only approach. This will be delivered by Premier Field 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 180 days 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
- Policies and Settings Management

Day 3

- Enterprise Data Control (Conditional Access, Compliance, Windows Information Protection)
- Windows Update Management and Security
- Optional: Full feature provisioning with Windows Autopilot

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 M365.

Module 2: Azure AD and Configuring Subscriptions

You will learn 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 in 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 Office 365 ProPlus, Edge Chromium, Windows Store for Business Apps as well as Line of Business and Win32 Apps. We will also touch base with MSIX creation and deployment.

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 5: Policies and Settings Management

This module gives you an overview of possible configurations, settings and restrictions on the Windows 10 device. Further you learn how to deploy PowerShell scripts to the clients. We also look at secured VPN, Wi-Fi and email access profiles.

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 Windows Information Protection.

Module 7: Windows Updates Management and Security

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: 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 10 PC with the latest browser is recommended.

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