Microsoft Intune and Configuration Manager: Co-Management and Cloud Services

WorkshopPLUS

Focus Area: Change and Configuration Management

Duration: 3 days

Difficulty: 300- Advanced

Overview

This Microsoft Intune and Configuration Manager: CoManagement and Cloud Services WorkshopPLUS provides students with an in-depth technical knowledge of the advanced features of Microsoft Endpoint Manager through hands-on labs and instructor-led training sessions. This WorkshopPLUS focuses on the following aspects of Configuration Manager:

- Cloud Management Gateway
- Cloud Attach – Co-Management and Tenant attach
- Autopilot
- Compliance Settings
- Application Deployment
- Endpoint Analytics
- CMPivot

Objectives

After completing this training, students will be able to:

- Understand and deploy the Cloud Management Gateway to support Internet clients through Azure

- Enable Cloud attach for Windows 10 devices to concurrently manage Windows 10 devices by using both Configuration Manager and Intune with CoManagement and Tenant attach.

- Use Autopilot to revolutionize the way new devices get deployed, reset and repurposed, with an experience that is zero-touch for IT

- Assess compliance settings and remediate computers that are noncompliant

- Modern application deployment and troubleshooting using executables, MSI and Win32 Apps from Intune

- Review performance data with Endpoint Analytics

Key Takeaways

- Access to real-time state of devices in your environment with CMPivot feature

Course Material

Each module contains scenarios that provide students with expertise, tools, and hands-on experience to help implement and troubleshoot the advanced features of Configuration Manager.

Note: This WorkshopPLUS does not provide an overview of all the Configuration Manager features. For an overview of all the features, we recommended you attend Microsoft WorkshopPLUS - Microsoft Configuration Manager: Admin Concepts and Cloud Services.

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
- Module 1: Cloud Management Gateway
- Module 2: Cloud Attach – Co-Management and Tenant attach

Day 2
- Module 3: Autopilot
- Module 4: Compliance Settings
- Module 5: Application Deployment (Presentation)

Day 3
- Module 5: Application Deployment (Labs)

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- Module 6: Endpoint Analytics
- Module 7: CMPivot

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

Course Details

Module 1: Cloud Management Gateway: This module covers prerequisites, deployment and architecture of the Cloud Management Gateway. This feature helps managing clients over the Internet in a simple way by leveraging Azure Cloud Services.

Module 2: Cloud Attach – Co-Management and Tenant attach: This module explains how to take advantage of Cloud functionality to co-manage Windows 10 devices using Intune, Azure and Configuration Manager. Provides a bridge from traditional to modern management and gives you a path to make the transition using a phased approach. Co-Management and Tenant attach are the main features covered.

Module 3: Autopilot: Experience Autopilot to provision devices using our modern cloud-based solutions with minimal user interaction instead of maintaining custom images that require a lot of administrative effort.

Module 4: Compliance Settings: This module describes how to use Configuration Manager to assess compliance of settings and configurations. It also discusses how to monitor for drift and remediate non-compliant settings.

Module 5: Application Deployment: This module describes the application model and how an administrator can deploy software transitioning to a state-based user-targeted approach with self-service through the new Software Center. It also covers modern app management through deployment of Win32 Apps through Intune.

Module 6: Endpoint Analytics: This module demonstrates the prerequisites and configuration steps to Endpoint Analytics as cloud-based service that integrates with Intune. It will demonstrate reports to review performance data of your devices and how to use Proactive Remediations to detect and resolve mapped issues.

Module 7: CMPivot: This module describes the CMPivot feature, prerequisites, UI, and how the feature works, assisted with demonstrations on executing real-time queries with client data using the Configuration Manager console or Intune Portal for Tenant-Attached devices. The module also includes a brief introduction of Kusto query language used in CMPivot, and possible use case scenarios through Hands-on Labs.

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:
- Intermediate to advanced knowledge of Windows operating systems.
- Intermediate to advanced knowledge of Microsoft Configuration Manager or successful completion of Microsoft Premier WorkshopPLUS: Microsoft Endpoint Configuration Manager Admin Concepts and Cloud Services.
- At least one year of experience in working with Microsoft Endpoint Manager.

For more information

Hardware Requirements

- An Intel Core-i5-based PC
- USB port
- Microsoft/Windows Live ID to connect to the virtual environment
- 4 GB RAM
- 128 GB HDD
- Windows 10 or later
- Office 2016 Professional Plus or later
- Internet access with at least 1 Mbps bandwidth per student.

Contact your Microsoft Account Representative for further details.

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