

Microsoft Intune Overview

Overview

The course will utilize a pre-provisioned lab environment which includes Microsoft 365 E5 licenses and Enterprise Mobility and Security E5 licenses for each student. Powershell management topics will be discussed where applicable in the respective topics. This course will address Windows devices only enrolled in Intune.

Target Audience

This course is intended for IT administrators with a minimum 2-5 years of experiencing working with Microsoft Windows Server, Windows 10, and Office 365 licensing.

Course Outline

1 - Configuring and Licensing Intune

Endpoint Manager - quick discussion, portal access
Discuss which licenses include Intune
Discuss Microsoft Intune device-only subscription
Discuss Azure Active Directory basic, P1, P2 licensing

2 - Intune setup and overview of capabilities

Supported configurations
Logging in and using Intune Admin portal via Azure Portal and via Endpoint manager site
Configure a domain name (needed to support labs though may be done already for E1B/district)
Add users and groups in Azure Portal
Configure Azure AD connect and discuss AAD Connect Health
Assigning licenses manually, via Powershell, and via AAD groups
Set the MDM authority and enable device enrollment
Add Apps to Intune - covered in detail in a later topic
Configuring device profiles - covered in detail in a later topic
Company Portal discussion - covered in detail in a later topic
Configure app policies - covered in detail in a later topic

3 - Windows device management

What is co-management - brief discussion on Endpoint Manager with Configuration Manager
Registering, joining, hybrid join to Azure AD
Enrollment method capabilities
Azure AD joined
Azure AD joined with Autopilot (User driven mode)
Azure AD joined with Autopilot (Self deploying mode)
Autopilot pre-provisioned deployment (formally known as white-glove)
Device group tags for profile deployment
Troubleshooting Autopilot
Policy conflicts
Known issues
Using Powershell to connect to and manage Intune

4 - Software deployment

Add apps to Intune
Windows Store apps
Microsoft Store for Business apps
LOB apps - Sideloaded
Adding Win32 apps
Running Powershell Scripts on devices
Assigning Apps
Monitor Apps
Discovered Apps
Configure Apps
App Configuration Policies
Office app policies
Custom OMA-URI Policies
Troubleshooting

5 - Managing devices

Windows 10 Feature Updates
Update rings to manage updates
Mapping drives to SMB shares
Discuss OneDrive for Business
Manage Enterprise Wireless - Windows Configuration Designer, provisioning packages
Implementing Conditional Access - device based, app based

6 - Printer management

Universal Print
Deploying printer settings

7 - Remote administration

- Intune Device Management
- Inventory
- Fresh Start
- Full Scan
- Remote Lock
- Restart
- Sync devices
- Bulk device actions
- Teamviewer integration requirements

8 - Intune Reporting

- Accessing Reports
- Exporting Reports using Graph
