

## **Microsoft Intune 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.

### **Who Should Attend**

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 - Side loading

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