Microsoft Intune Overview

Summary

Length: 32 hours  Level: Foundational

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.

Learning Objectives

Please see course outline for details.

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 - Sideloading
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

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.

Prerequisites

There are no stated prerequisites for this course. Please check with your representative for details.