



AUTOMATA

Technology Services LLC

Introduction to Microsoft Intune

Planning Your Intune Implementation

Lecture

Objectives / Goals

- Example Objectives / Goals
 - Access Organizational Apps / Email
 - Secure Access on All Devices
 - Secure Organization Data Across All Devices
 - Deployment and Return to Service Efficiency

Existing Infrastructure Review

- Device / Hardware platforms that need supported.
- Review existing configurations and settings.
- Identify required software and delivery (App Store?)
- Review network configuration requirements.
- Review Microsoft Entra ID and Identify any changes to group structure or membership.

Rollout Plan

- Pilot Group (Test Group)
- Train IT Help Desk Staff & Support Staff
- Phased Rollout
 - By Department, Region, or Device Family
 - By User/User Type (Personal vs Organization Owned)

User Affinity and Deployment Models

Lecture

User Device Affinity

- Each device can be assigned to a specific user, which is known as 'user affinity'. There's a property for that.
- Intune also refers to this as "Primary User". This is established when the device is first signed into by the end-user.
- Most devices are considered a single-user device in Intune.
- If a device has no specific user assigned, it's considered a 'shared device'.

Enrollment Models

- Automated Device Enrollment
 - Organization Owned
 - Supervised (Additional Payloads Available)
 - Required for Zero Touch Deployment
- Apple Configurator Enrollment
 - Organization Owned, iOS/iPadOS only
 - Supervised (optional)
- Direct Device Enrollment
 - Organization Owned
 - Supervised only for macOS 11+ (MacOS X, iOS/iPadOS are not)

Enrollment Models

- User Enrollment (BYOD)
 - Personally Owned
 - No Supervision Payloads Supported

Understanding Intune Licensing

Lecture

Licensing

- User-based Intune Plan 1
 - Microsoft 365 E3 & E5, F1 & F3
 - Microsoft 365 Government G3 & G5
 - Enterprise Mobility + Security E3 & E5
 - Microsoft 365 Business Premium
 - Microsoft Intune for Education (Microsoft 365 Education A3 & A5)

Licensing

- Microsoft Intune Add-Ons, Intune Plan 2 and Intune Suite
 - Advanced Analytics
 - Remote Help
 - Specialized Devices Management
 - Enterprise App Management (Catalog — Windows Only)

Licensing

- Device-Only Licenses
 - Specifically Kiosk, Lab or Shared Devices (no user affinity)
 - Shared iPad
 - Unlicensed Admins
 - Assigning Intune Licenses via EntraID

Mobile App Management (MAM)

Lecture

Mobile Application Management

- Mobile Application Management (MAM) is one option for securing both company owned and personally owned devices.
- Protects data through restrictions, configures App settings, deploys and updates apps.
- You can use MAM with devices that ARE and ARE NOT enrolled into Intune MDM.
- Primarily an iOS/iPadOS solution, very limited on macOS.

Intune Admin Center

Practical Exercise

Account Driven User Enrollment

Practical Exercise

Direct Device Enrollment

Practical Exercise

Automated Device Enrollment

Practical Exercise

Managing Users & Groups

Practical Exercise

Managing Device Groups

Practical Exercise