AUTOMATA

Technology Services

Device & User Enrollment

Introduction to Device Enrollment
Enrolling User-Owned Devices
Shared iPad
Distributing Devices to End-Users

Introduction to Device Enrollment

Lecture

Device Enrollment

- Organization-owned devices that do not qualify for Automated Device Enrollment.

- Done through an **Enrollment Profile**.

- Many of the most common device management payloads are available to Device Enrollment enrolled devices.

- iOS/iPadOS devices **are not** Supervised. Macs running macOS 11 or later **are**.

- Mac System Extension and Kernel Extension considerations.

Creating Enrollment Profiles

Practical Exercise

Enrollment Using Terminal

Practical Exercise

Introduction to User Enrollment

Lecture

User Enrollment

- For User-owned devices.

- Requires Managed Apple IDs.

- Federated Authentication is recommended for large organizations.

- Managed Apps - iOS, iPadOS, macOS

- Per App Networking

- iCloud Drive

- User enrolled devices will have limited payloads.

Restricted Payloads

MDM Admin Can

- Configure accounts.

- Access inventory of Managed Apps.

- Remove Managed Data only.

- Install and configure Apps.

- Require a Passcode.

- Enforce Certain Restrictions.

- Configure Per App VPN.

MDM Admin Cannot

- See personal information, usage data, or logs.

- Access inventory of personal apps.

- Remove any personal data.

- Take over management of a personal app.

- Require a complex passcode.

- Access device location.

- Access unique device identifiers.

- Remotely wipe the entire device.

- Manage Activation Lock.

- Access roaming status.

- Turn on Lost Mode.

Account Driven User Enrollment

- Utilizes built-in login mechanism in iOS/iPadOS and macOS for enrolling a device.

- Users will sign into their 'Work or School Account' using a Managed AppleID.

- Service discovery finds the MDM solution's enrollment URL and redirects and enrolls the device.

Profile-Based User Enrollment

- Users visit the MDM's self-service portal.

- Sign-In with their Managed Apple ID or Federated User Account.

- Follow the instructions on screen to install the Enrollment Profile.

Enrolling User Owned Devices

Practical Exercise

Account Driven User Enrollment

Practical Exercise

Shared iPad

Lecture

Shared iPad Considerations

- Number of Users per Device & Storage

- Device Compatibility

- Content Caching

- Authentication & Guest Access

- App Support

- Network Access - 802.1X

- MDM Initiated Configuration Only & Requires ASM/ABM

Device Distribution

Lecture

Device Distribution Considerations

* Automated Device Enrollment vs Device Enrollment

* Communicate to Users - Setup Requirements

    * Managed Apple ID credentials

    * What to Expect

    * Personalization Options Available

* Offering Help Desk and Self-Service Support Resources