



AUTOMATA

Technology Services

Restore and Setup - iOS

iOS Backup Methods

iOS Erase and Restore

iOS Recovery Mode

REVIVE an iOS Device with Apple Configurator

iOS Back Up Methods

Lecture

Backup Methods

- ❖ Consider your requirements.
 - ❖ How much space does your backup require?
 - ❖ Do you have enough space in iCloud Drive?
 - ❖ Do you need encryption?
 - ❖ Is your device managed via an MDM?

Backup Methods

- ❖ iCloud Backup
 - ❖ Conveniently backs up from the device.
 - ❖ Always encrypted.
 - ❖ Automatically backups done daily when on Wi-Fi and connected to a power source.
 - ❖ **Note - MDM settings may limit or impact iCloud backup capability.**

Backup Methods

- Backup to Mac
 - Stores the backup file locally on your Mac's hard drive.
 - *Encryption optional.*
 - **Note: Manual process, must be connected via USB-C/ Lightning cable.**
 - **Note: Make sure you have a backup of the Mac's hard drive too.**

Back Up to iCloud

Practical Exercise

Back Up to Mac

Practical Exercise

Back Up with Apple Configurator

Practical Exercise

Troubleshoot iCloud Back Up Issues

Practical Exercise

Manage Back Up Files on Mac

Practical Exercise

Reset iOS Device to Factory Settings

Practical Exercise

Using Quick Start

Practical Exercise

Restore on Device

Practical Exercise

Restore on Mac

Practical Exercise

Restore Using Apple Configurator

Practical Exercise

Troubleshooting Restore Issues

Lecture

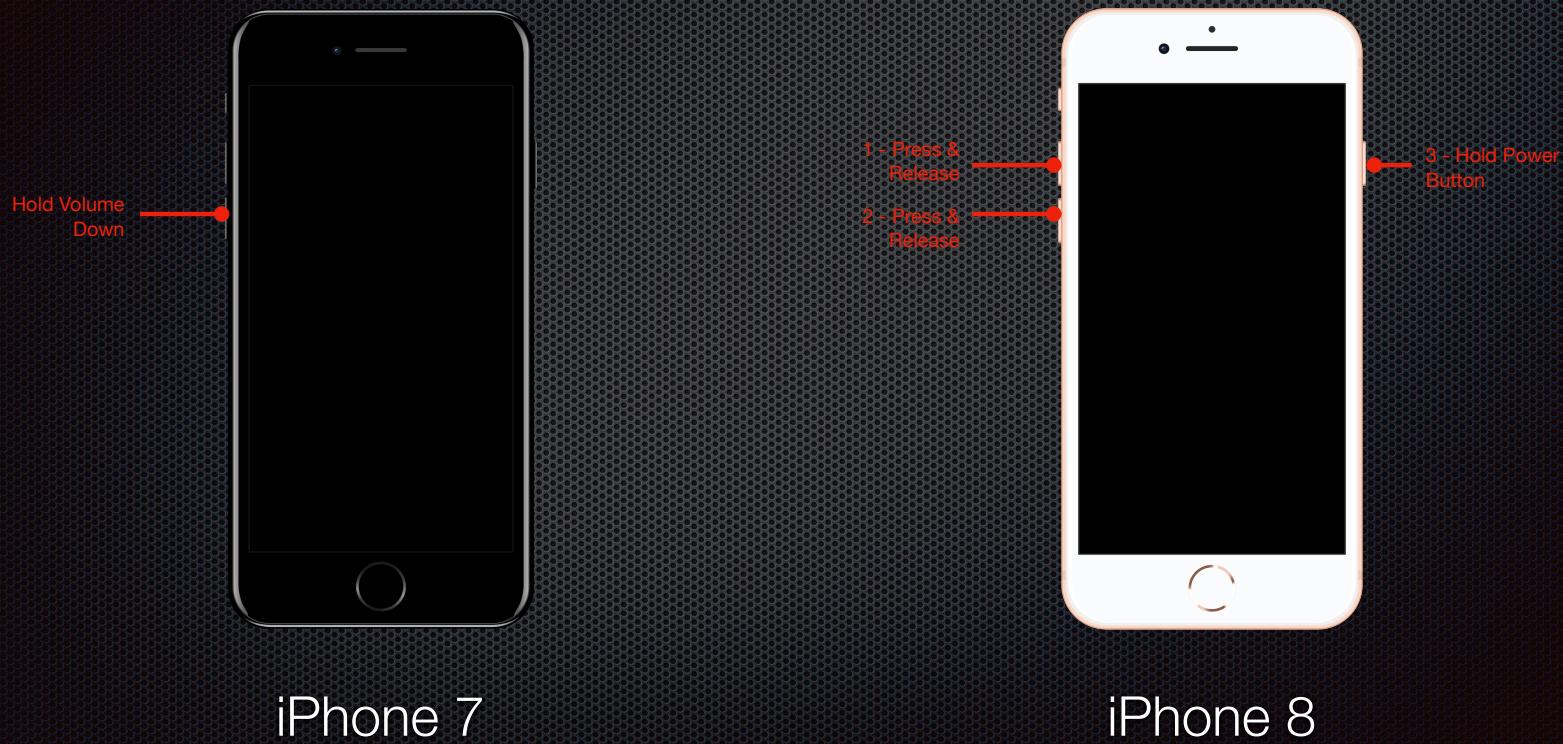
Troubleshooting Steps

- Start devices from a cold boot, confirm Internet access on devices.
- If connecting to a Mac, double-check cables and connections are good.
- Double check for MDM and Supervision profiles and policies.
- Check Apple Support Documentation (links included in Resources).

iOS Recovery Mode

Lecture

iPhone Recovery Mode (Legacy)

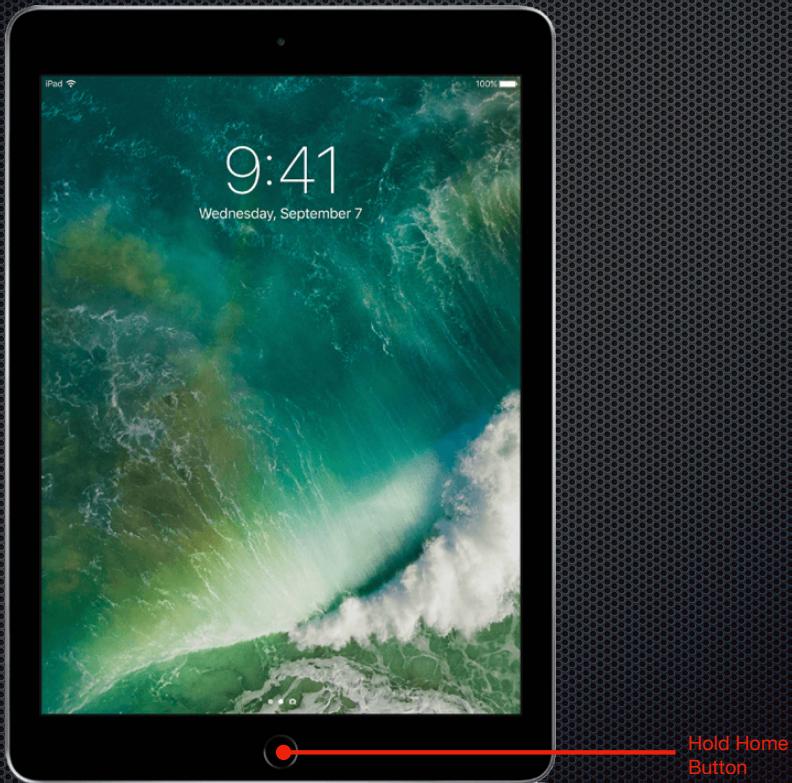


iPhone Recovery Mode



iPhone 16

iPad Recovery Mode (Home Button)



iPad 7th Gen

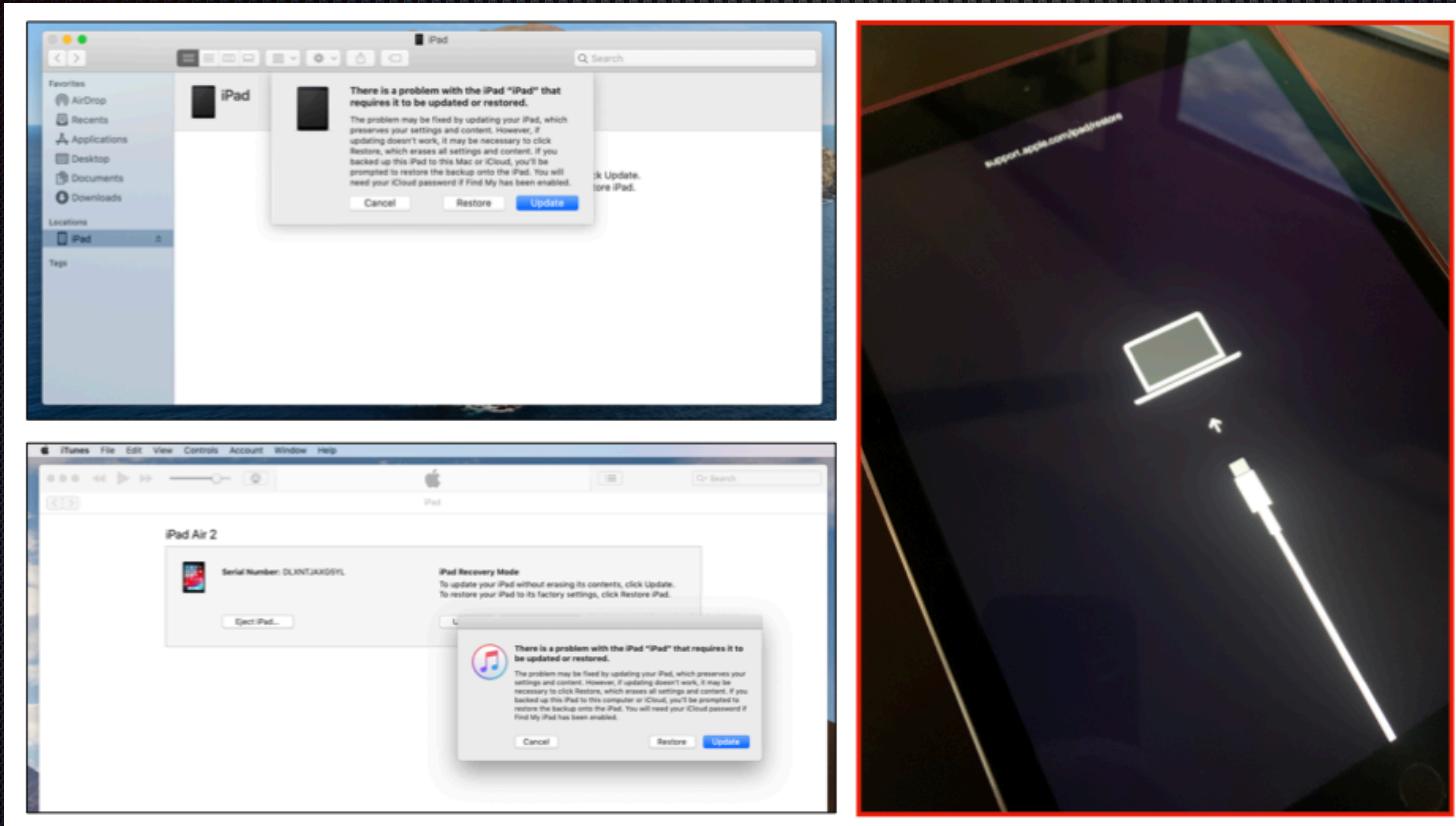
Hold Home
Button

iPad Recovery Mode (No Home Button)



iPad Pro

iOS Recovery Mode



Revive an iOS Device Using Apple Configurator

Practical Exercise

Backup & Restore with Apple Configurator

Practical Exercise

Considerations for Managed Devices

Lecture

Managed Device Backups

- Backups may contain different information depending on enrollment type.
- MDM configuration profiles and associated payloads are included in the backup.
- Recommended to use MDM to enforce encrypted iOS backups on managed devices.
- For enrollment profiles to be included in the backup, encryption must be enforced.
- Managed Apps and Books deployed through MDM will not be included in the backup. The data may be if MDM allows it.

Managing iOS Software Updates

Lecture

Managing Software Updates

- ❖ Utilize MDM to manage Setup Assistant panes.
 - ❖ You can hide specific prompts and then configure those settings using MDM.
- ❖ Enforcing Software Update during Setup Assistant.
 - ❖ MDM can enforce a minimum iOS version for Automated Device Enrollment (as of iOS 17).
 - ❖ If the OS version is lower than the minimum, the user will be forced to update the OS as part of Setup Assistant.