AUTOMATA

Technology Services

iCloud & Continuity

Introduction to iCloud
Introduction to Continuity

Introduction to iCloud

Lecture

iCloud

- iCloud is a suite of cloud based services provided by Apple and available on all Apple branded devices as well as Windows PCs.

- iCloud requires an internet connection and some iCloud features of minimum system requirements. Features are enabled on your devices using the Settings app.

- Managed Apple Accounts also include some iCloud features. Managed Apple Accounts created by *Apple School Manager* have 200GB of iCloud Drive storage. All others have 5GB of storage.

iCloud Storage & Data Security

- **Photos** - Storage and Backup of photos/videos.

- **iCloud Drive** - Storage and Backup of Documents & Data.

- **Share** - Facilitates the sharing of books, apps, subscriptions, and music with others.

- **Safari** - Storage and Synchronization of bookmarks, tabs, and Reading List.

- **iCloud Keychain** - Store and sync passwords, passkeys, and credit cards across devices.

iCloud MDM Restrictions

Setting	Devices	Restriction
iCloud Photos	iPhone, iPad, Mac	Users can't access iCloud Photos.
iCloud Backup	iPhone, iPad	Device backup is performed only in the Finder.
Managed App's stored data in iCloud	iPhone, iPad	Users can't store data from Managed Apps in iCloud.
Backup proprietary in-house books	iPhone, iPad	Users can't back up books distributed by their organization to iCloud, iTunes, or the Finder.
Notes and highlights sync for proprietary in-house books	iPhone, iPad	Users can't sync notes or highlights to other devices using iCloud.
iCloud Documents and Data	iPhone, iPad	Data isn't added to iCloud.
iCloud Mail	Mac	Mail isn't uploaded to iCloud.
iCloud Contacts	Mac	Contacts aren't uploaded to iCloud.
iCloud Calendars	Mac	Calendars aren't uploaded to iCloud.
iCloud Reminders	Mac	Reminders aren't uploaded to iCloud.
iCloud Bookmarks	Mac	Safari bookmarks aren't uploaded to iCloud.
iCloud Keychain	Mac	Users can't access iCloud Keychain.

Image courtesy of Apple Inc

Introduction to Continuity

Lecture

Continuity

- Continuity is the name Apple gave to all of the various features that allow you to move data and share peripherals seamlessly between two or more Apple devices.

- Continuity features utilize both Wi-Fi and Bluetooth so these need to be enabled on both devices and the devices must share a common Apple Account.

- Continuity is available with a Managed Apple ID / Account on iOS 17 and macOS Sonoma or later. You must be signed in with the Managed Apple ID / Account as the primary account.

Continuity Features

- **AirDrop** - Share data between devices.

- **AirPlay to Mac** - Share, play, or present to a Mac's screen using another Apple device.

- **Continuity Camera** - utilize your iOS device camera as a web cam with your Mac or use it to take photos from your Mac.

- **Auto Unlock and Approve with Apple Watch** - use your Apple Watch to unlock your Mac or for authentication.

- **Continuity Markup and Sketch** - Using Apple Pencil to markup a PDF or create a sketch and have these appear on your Mac.

Continuity Features

- **Handoff** - Start a document on one device and pick up where you left off on another device.

- **Universal Clipboard** - Copy/paste between devices.

- **Instant Hotspot** - Mac automatically connects to a nearby iPhone or iPad (with cellular capability) for Internet connectivity.

- **Phone Calls** - Answer incoming calls to your iPhone through your Mac.

Continuity Features

- **Sidecar** - Use your iPad as a second display for a connected Mac.

- **SMS Text Message Forwarding** - Receive and send SMS messages to/from the Messages App on Mac.

- **Universal Control** - Share a Trackpad, Mouse, and/or Keyboard with other devices nearby.

- **iPhone Mirroring** - Display and interact with your iPhone from your Mac.

Using Continuity

Practical Exercise