iCloud Accounts

Objectives:

At the end of this episode, I will be able to:

1. Differentiate between local accounts and iCloud accounts.
2. Connect a local user account to iCloud.
3. Identify security features available in iCloud.

> Additional resources used during the episode can be obtained using the download link on the overview episode.

- iCloud User Accounts

  - Managed service provided by Apple
  - Maps a local user to a cloud user.
  - Enables cloud functionality

- iCloud / Apple ID

  - Linking an account to iCloud is completely optional
  - Benefits include:

    - Single sign on (SSO) with all Apple services
    - Password recovery through iCloud
    - Synchronization of documents and data between systems
    - Notification center and Unity functionality

- iCloud Benefits

  - iCloud Drive

    - 5GB Storage Free
    - Can buy more storage

  - Photos
  - Mail
  - Contacts
  - Calendars
  - Reminders
  - Safari

    - Bookmark synchronization

  - Notes
  - KeyChain

    - Credential synchronization

- KeyChain Security

  - 256-bit AES (Advanced Encryption Standard)
  - MFA supported
  - Location and PIN displayed on secondary computer.

- Security Measures

  - FileVault Disk
  - Find My Mac

    - Provides location services for devices
    - Mac, iPhone, and iPad

- Requires GPS
- User Account Attributes
  - When creating a new account, three values are required
    1. Full Name
       - The "friendly" name displayed on most screens
    2. Account Name
       - The system name used by the BSD/Unix core
    3. Password
       - The user-supplied password used for authentication
       - Can be linked to iCloud, or separate