Mobile Device Application Support

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

1. Identify mobile device synchronization and management technologies.

Exam Objective: 1.4 - Given a scenario, configure basic mobile-device network connectivity and application support.

Description: In this episode, we discuss the importance of mobile application support through data synchronization in mobile devices, the types of data commonly synchronized, as well as mobile device management and mobile application management platforms used to manage mobile devices for corporations.

- Mobile device synchronization
  - Why sync devices?
  - Let's talk data limits first (data caps)
  - Microsoft 365 (Outlook - commercial email application)
    - Needs configuration (POP3 = 110/Secure

POP3= 995, IMAP = 143/ Secure IMAP = 993, SMTP = 25, Secure SMTP = 465)
  - Sync data across devices
  - Calendars, contacts, files, bookmark
  - ActiveSync
    - Great for iOS devices
    - Calendars and contacts
- Mobile device management (MDM)/mobile application management (MAM)
  - We can configure corporate email configuration
  - Implement two-factor authentication
  - Deploy and control access to corporate applications

- Additional Reference Materials

Microsoft 365: https://docs.microsoft.com/en-us/microsoft-365/?view=o365-worldwide

Apple Support for ActiveSync setup: https://support.apple.com/en-us/HT201729