Networked Hosts and Services

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

1. Explain common networked host and services.

Exam Objective: 2.4 - Summarize services provided by networked hosts.

Description: In this episode, we discuss a variety of roles and services provided by networked hosts such as servers, Internet appliances, SCADA and IoT.

- Server roles and services
  - **Directory Server**
    - Authentication Servers
  - **Mail servers**
    - **SMTP server**
    - **POP3 server**
    - **IMAP server**
  - **DNS**
    - Demo of DNS server
  - **DHCP**
    - Demo of DHCP server

- **File server**
  - File shares
- **Print servers**
- **Syslog**
- **Web servers**
  - Demo www.itpro.tv
  - Demo www.acilearning.com
- **Internet appliances**
  - UTM appliance
  - Load Balancers
  - Proxy Server
- **SCADA**
  - (Supervisory Control and Data Acquisition) systems
- **IoT**

- Additional Reference Materials
  Raspberry Pi: https://www.raspberrypi.org/
  Arduino 33 IoT: https://store-usa.arduino.cc/products/arduino-nano-33-iot