IP Address Format

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

1. Identify key attributes of IP addressing.
    Exam Objective: 2.6 - Given a scenario, install and configure basic wired/wireless small office/home office (SOHO) networks.

Description: In this episode, we discuss IP address, the format of IPv4 and IPv6 addresses, subnet masks, IPv4 classes, public vs private IP addresses and subnet masks

- IP addressing
  - **IPv4 Format**
    - 32-bit binary address
    - dotted-decimal notation
    - Decimal to binary conversion demo
  - **Subnet Mask**
  - **IPv4 Classes**
    - Demo table in excel
    - Mention APIPA
  - **IPv4 vs. IPv6**
  - **IPv6 Format**

- Additional Reference Materials

- Not applicable if blank