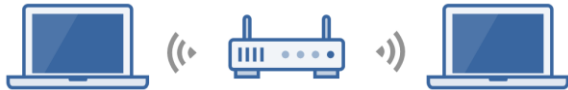# Network Architecture

Peer-to-Peer

- All computers on the network are peers
  - No dedicated servers
  - There's no centralized control over shared resources
- Any device can share its resources as it pleases
- All computers can act as either a client or a server
- Easy to set-up, and common in homes and small businesses

Client-Server

- The network is composed of client and servers
  - Servers provide resources
  - Clients receive resources
- Servers provide centralized control over network resources (files, printers, etc.)
- Centralizes user accounts, security, and access controls to simplify network administration
- More difficult to setup and requires an IT administrator

File Server

Authentication Server