Switches

- Connects Devices Together Just Like a Hub

- Intelligent Network Device (OSI Layer 2)

- Memorizes the **MAC Address** of Each Device Connected to It via a **MAC Address Table,** sometimes called a **Content Addressable Memory (CAM) Table**

- Pays attention to *Source* and *Destination* **MAC addresses** during Communication Process

- Use Application-Specific Integrated Circuitry (**ASIC**), which makes them Extremely Fast

- Breaks up Collision Domains

  o Traffic Goes in One Port and Is Repeated out to Only Destination Port

  o Designed for High Bandwidth

  o Standard in Today's Network Infrastructure