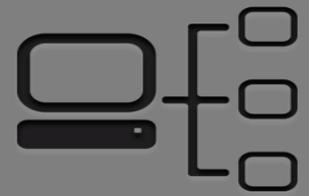
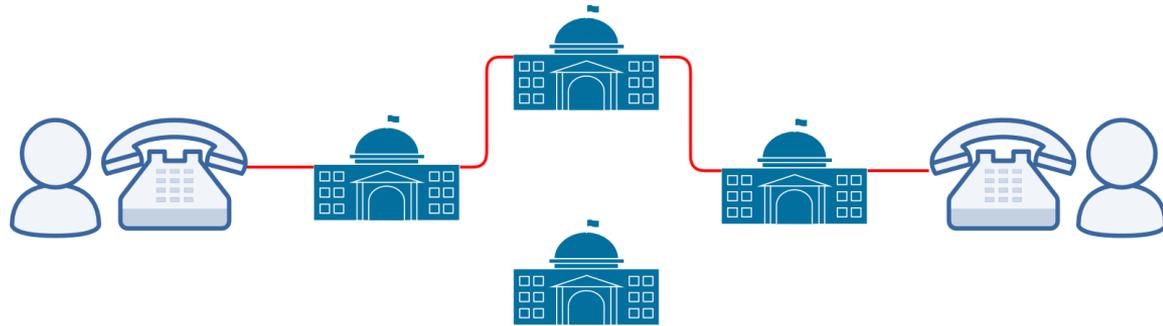


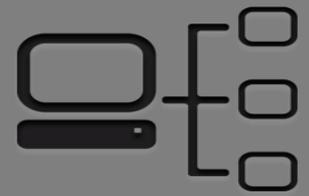
Circuit Switching



- Designed in 1878, was originally designed for telephone calls.
- Uses a dedicated point-to-point connection (circuit) using a telecommunications network.
- A circuit guarantees you full bandwidth of the circuit and remains connected for the duration of your call.
- The circuit functions as if the nodes were physically connected as with a dedicated electrical circuit.



Packet Switching



- Uses virtual switches that provide end-to-end connectivity.
- Data is moved in packets based on the destination address in each packet.
- Unlike circuit switching, packet switching shares bandwidth and connection with others.
- This method of data transmission is the core technology for the Internet and most LANs.

