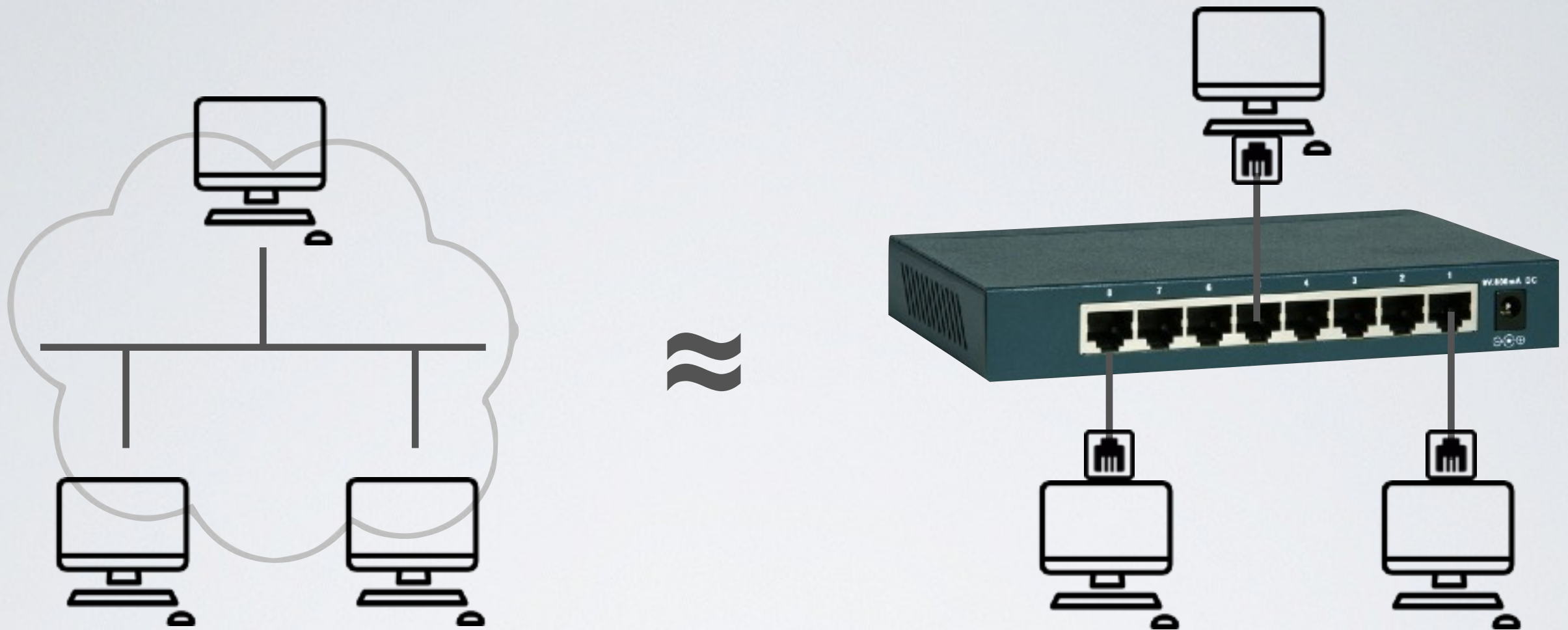# Preventing eavesdropping attacks on broadcast networks

Preventing packet sniffing over Ethernet

Hub : broadcast all messages on all ports

Switch : (smart HUB) forward messages on specific port based on their MAC addresses

➡ isolate Ethernet traffics (no straightforward packet sniffing)