

Network Devices

Host

IP Address

Network

Repeater

Hub

Bridge

Switch

Router

- **Hosts** are any device which **sends** or **receive** traffic
 - Clients and Servers
- An **IP Address** is the **identity** of each host
- A **Network** is what **transports traffic between Hosts**
 - Logical grouping of hosts which require similar connectivity
 - Subnetworks, Subnets
- **Repeaters regenerate** signals
- **Hubs** are simply multi-port **Repeaters**
- **Bridges sit between Hub-connected** hosts
- **Switches** facilitate communication **within** a network
 - Switching
- **Routers** facilitate communication **between** networks
 - Gateways, Routes, Routing Table, Routing

