

# Computer Networking

Includes interconnection of computer and devices to share resource and communicate.

Building Bridges with Cutting Edge Networking Solutions

## TYPES

### **LAN** (local area network)

Connect a small geographical area, like a home or office

### **WAN** (wide area network)

Connect large geographical area, usually connecting multiple LANs

## NETWORK DEVICES

### **ROUTER**

Connects Different Networks and Manage Data Traffic

### **SWITCH**

Connects Device under a Single Network and Manages Data Traffic

### **MODEM**

Converts Digital Data for Transmission over telephone lines and vice versa

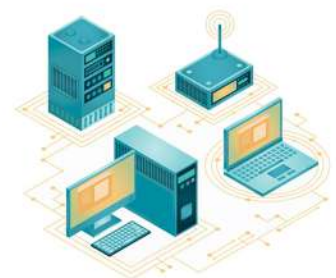
### **ACCESS POINTS**

Helps to Spread the WIFI signal within Designated Area

## IP ADDRESSING

### **IPV4**

Most Common Addressing scheme, includes 32-bit Address



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