

COMPUTER NETWORK-

Components of Computer Network-

1-host ->a device which can be connected to network - mobile,laptop,computer etc

2-Client & Server

3.Communication Channel - >

-wired communication channel

- coaxial cable

- fibre optics cable

- twisted pair cable

-wireless Communication channel-

- radio wave

- -infra red

- -satellite

4. Network Hardware

- i. NIC - Network Interface Card/Controller

- i. MAC(Media Access Control) Address:

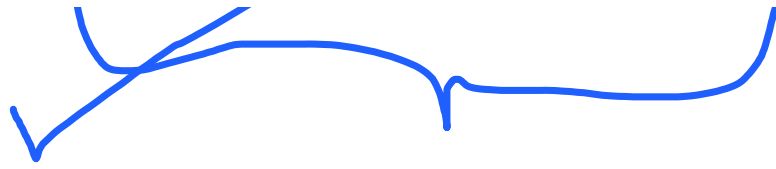
MAC → [NIC]

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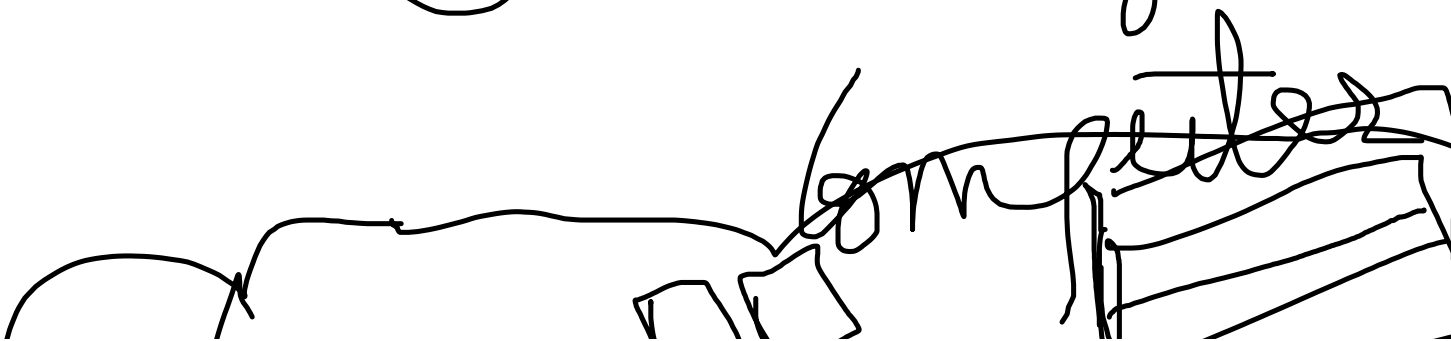
Manufacturer Id

- WIFI CARD-internal,external
- Hub
- Switch-it segments the whole network into small networks
- Bridge-it I used to combine Multiple Networks
- Router - router is a device which forwards data from one network to another
- Gateway - it is used to connect dissimilar networks
- Access Point->wap ->wireless access point

TYPES OF NETWORK depending on area->

- 1.LAN - local area network-in same building
- 2.MAN - metropolitan area network -city to city or in multiple buildings
- 3.PAN-personal area network
- 4.WAN - Wide Area Network-country to country

AUS -> Amazon



Web

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