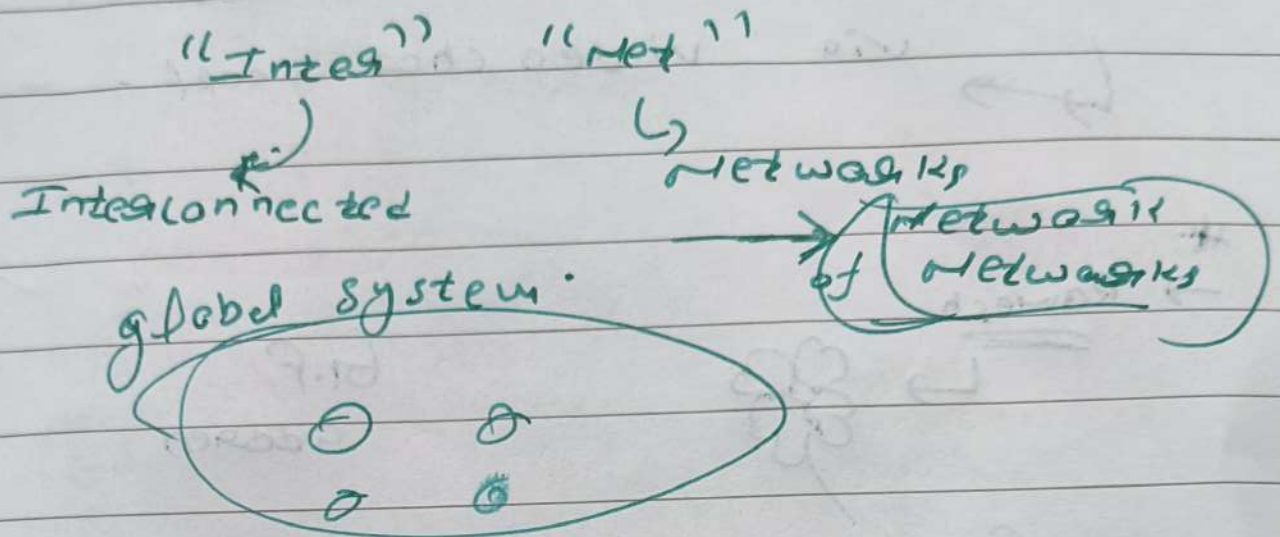
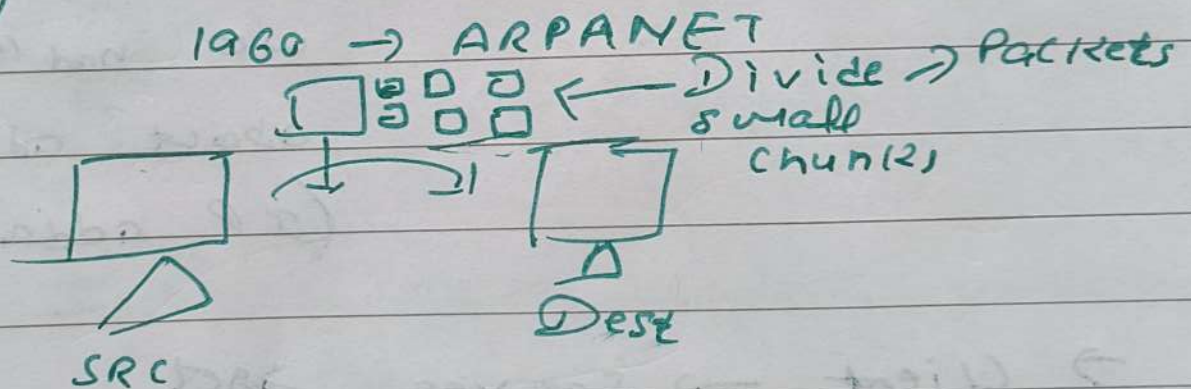


29/10-2024

#lec 3 How Internet works?



History -



→ 1970 → started using on organizational scale, commercialization

→ 1980 → DNS → Domain Name system
Domain Name to IP addresses
www

→ 1990 → Email/https://shopping

→ 2000 → F.B → Web.

Now we can communicate

via video chat call -

*

→ Ramesh



G.F
address

Flowers shop carry

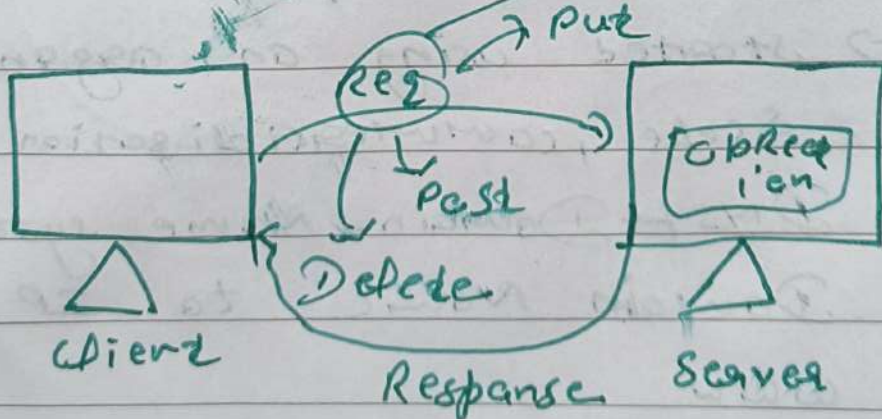
To communicate

we had known

about address

(IP address.)

→ Client → Server → get



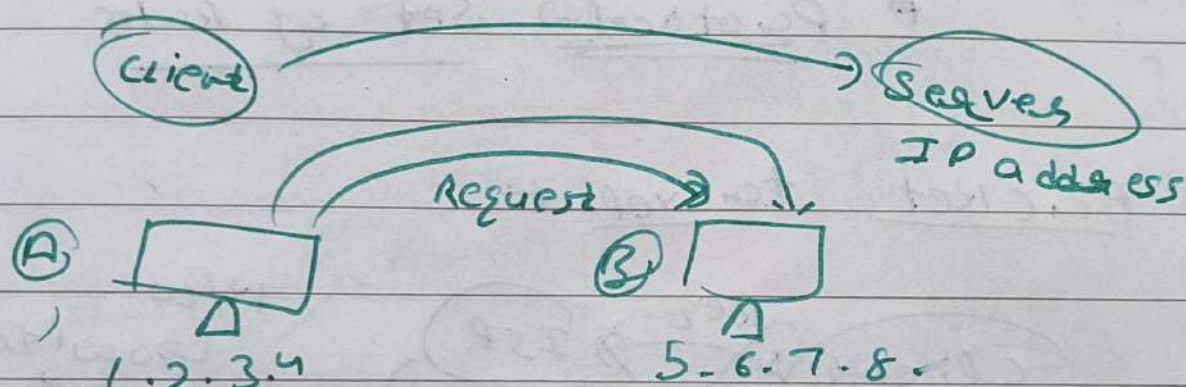
Ex. of clients

- Browser

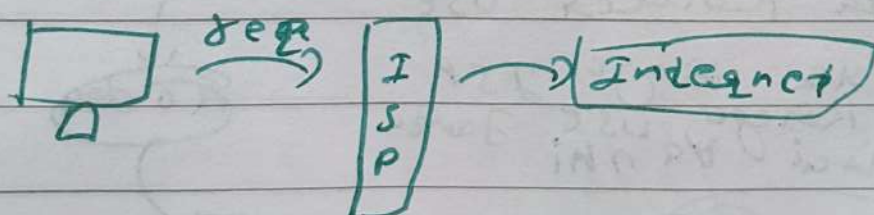
- CLI

- User

- Machine



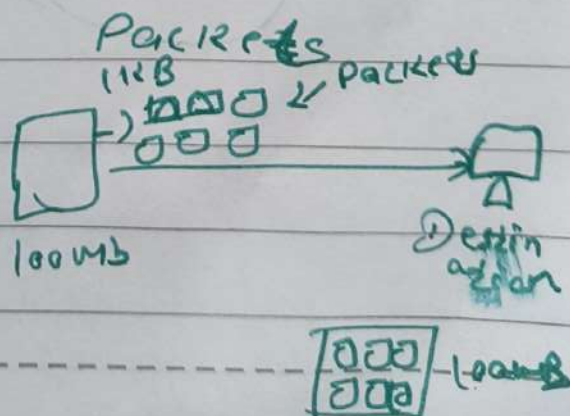
ISP → Internet service provider



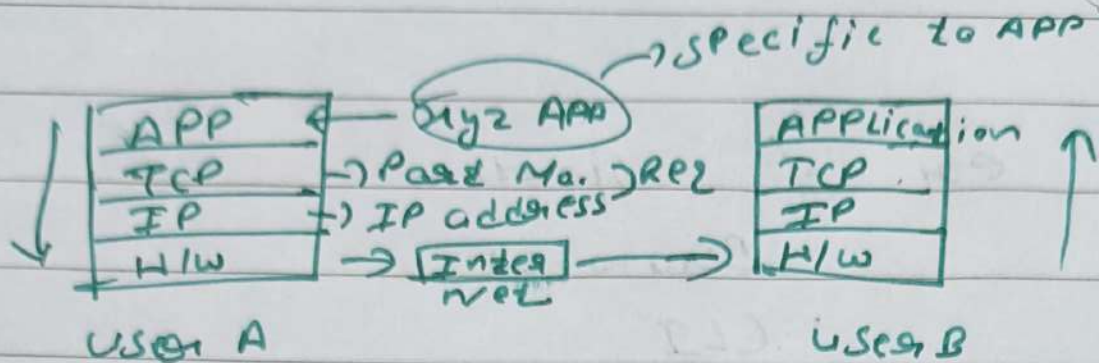
It provides IP.

#

Protocol Stack



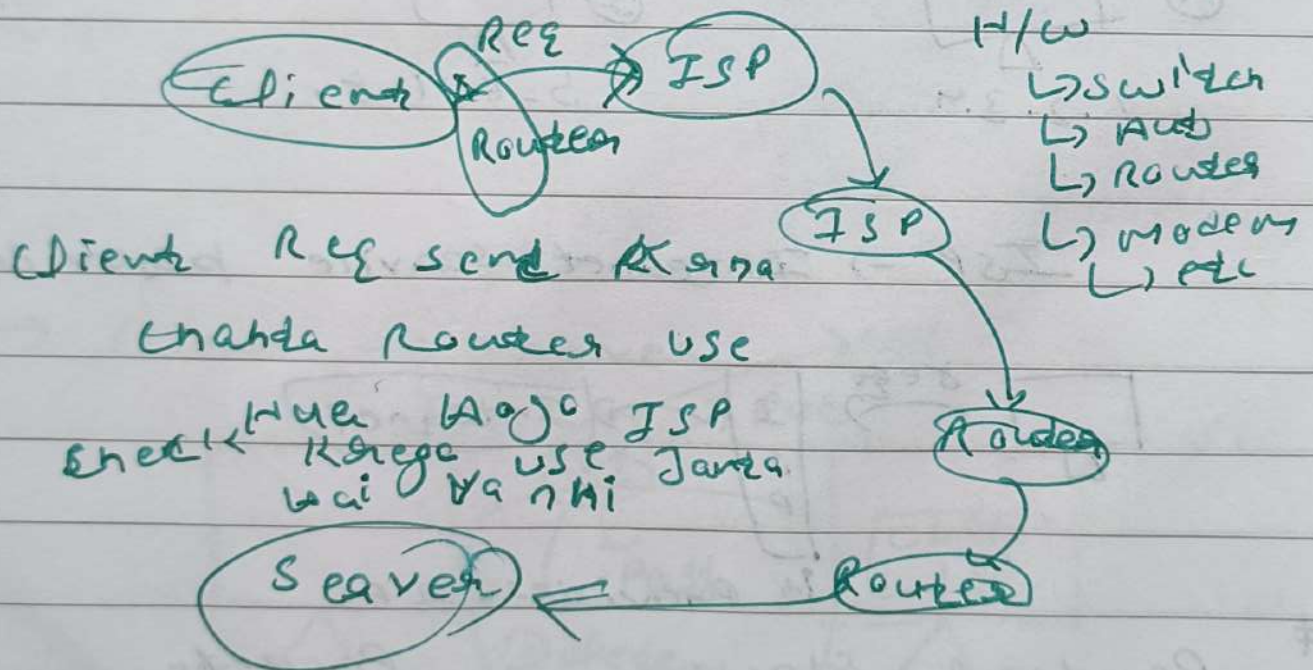
OSI Model PDMTSPA



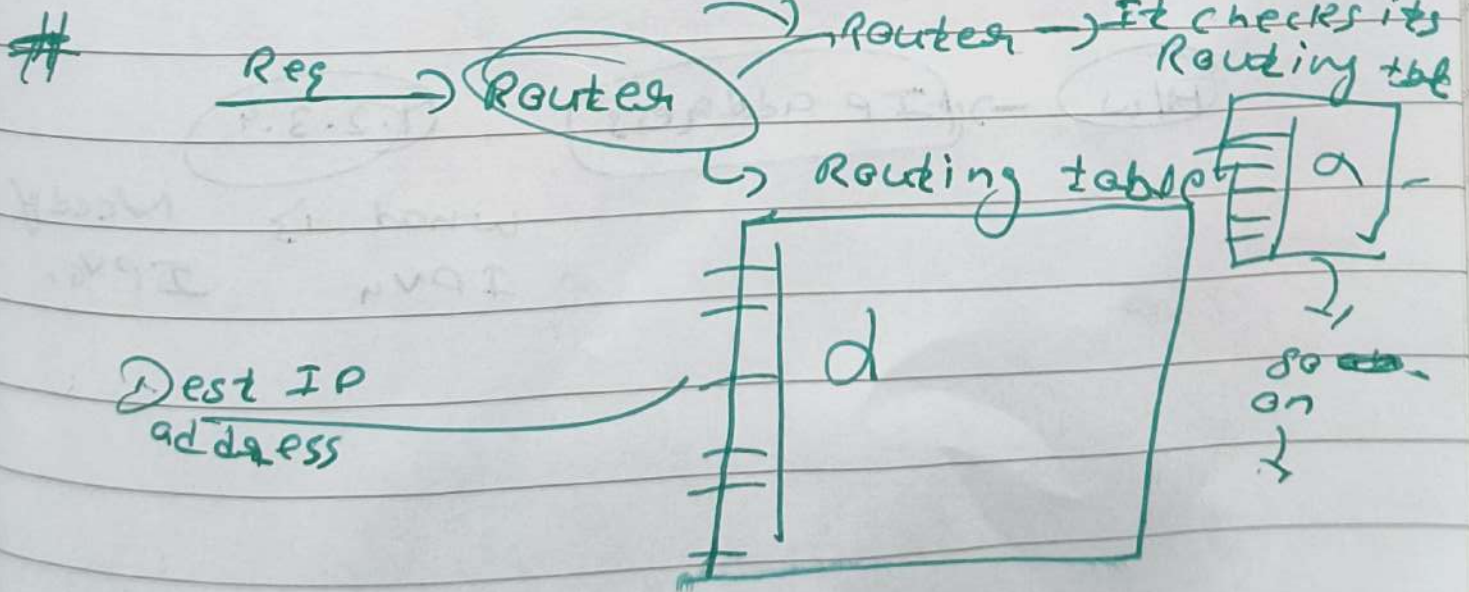
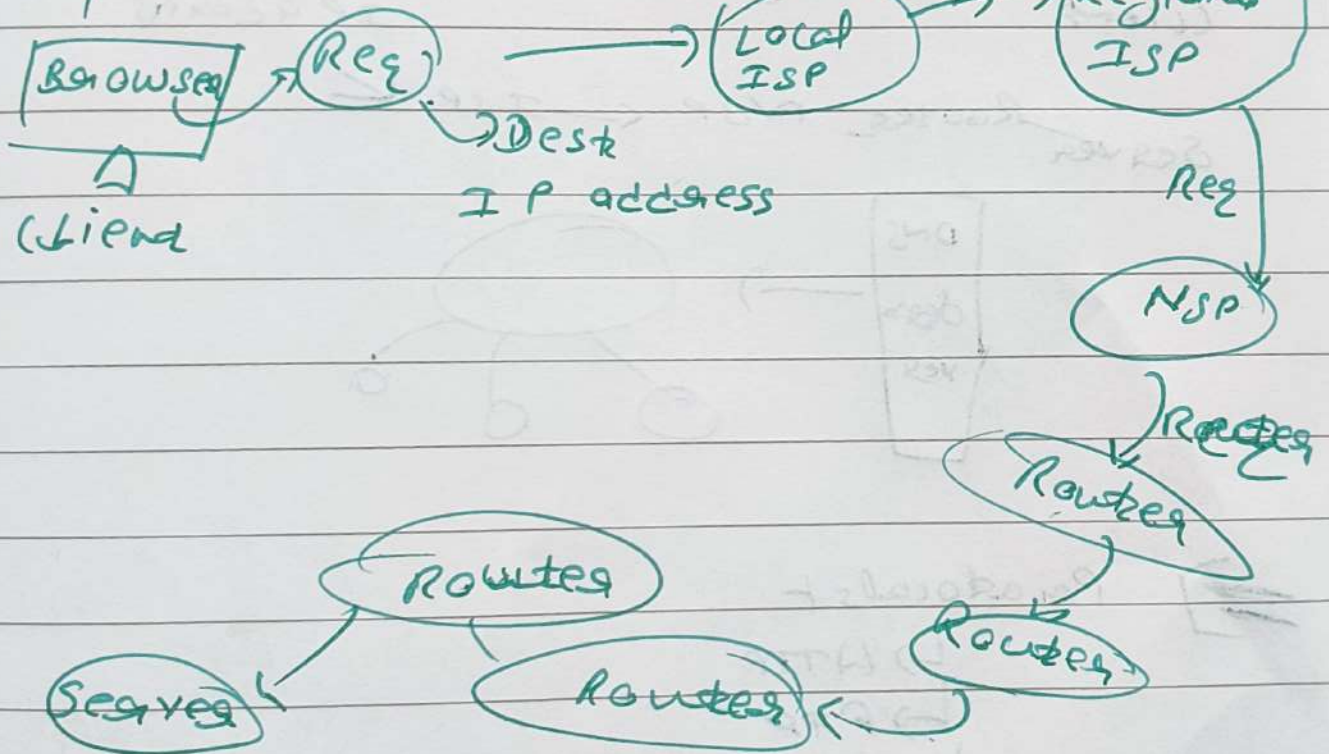
Gmail uses SMTP Protocol.
Simple Mail Transfer Protocol.

Protocol → Set of Rules

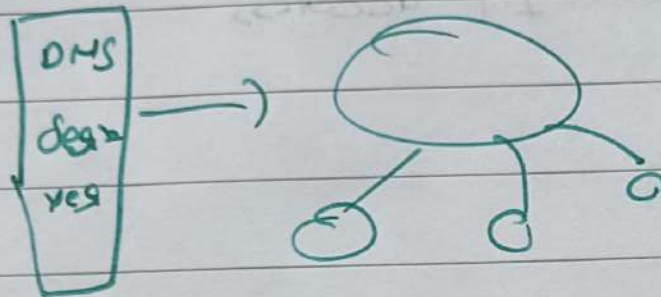
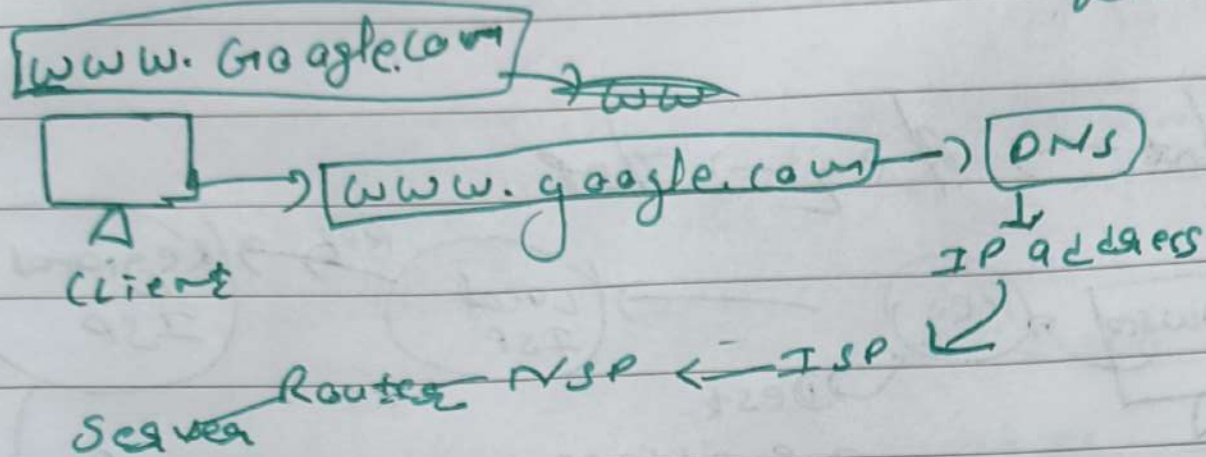
Packet travel :-



(Client → Req → ISP



W/w command to get IP address possible or not



⇒ Protocols +
 ↳ HTTP
 ↳ FTP
 ↳ SMTP etc

W/w → IP address 1.2.3.4

What is Need of IPv4.