Model OSI (7 layers)

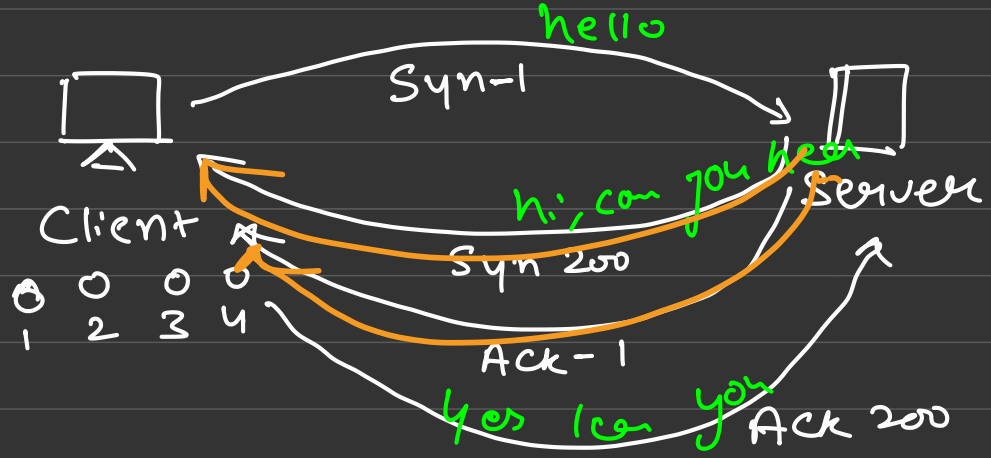
7. ~~Da~~ Applica
6. Pres.
5. Session

} application layers

4. Transport → Tcp / UDP
3. Network layer - Routing ip addressing
2. Data link - frames
1. Physical layer - Bits 0 1

TCP → Trans control protocol

Reliable, ordered, 3-way handshake



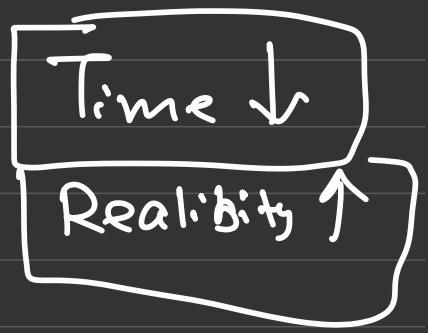
Syn

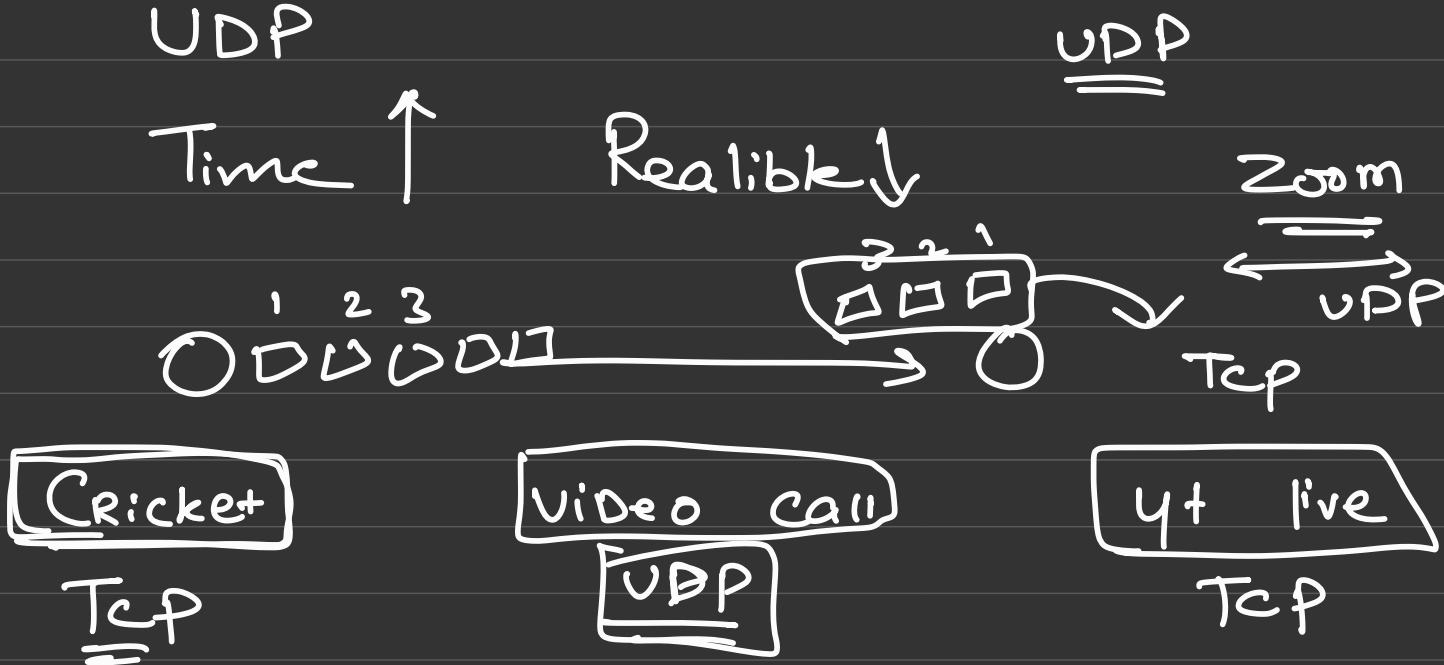
Syn + Ack

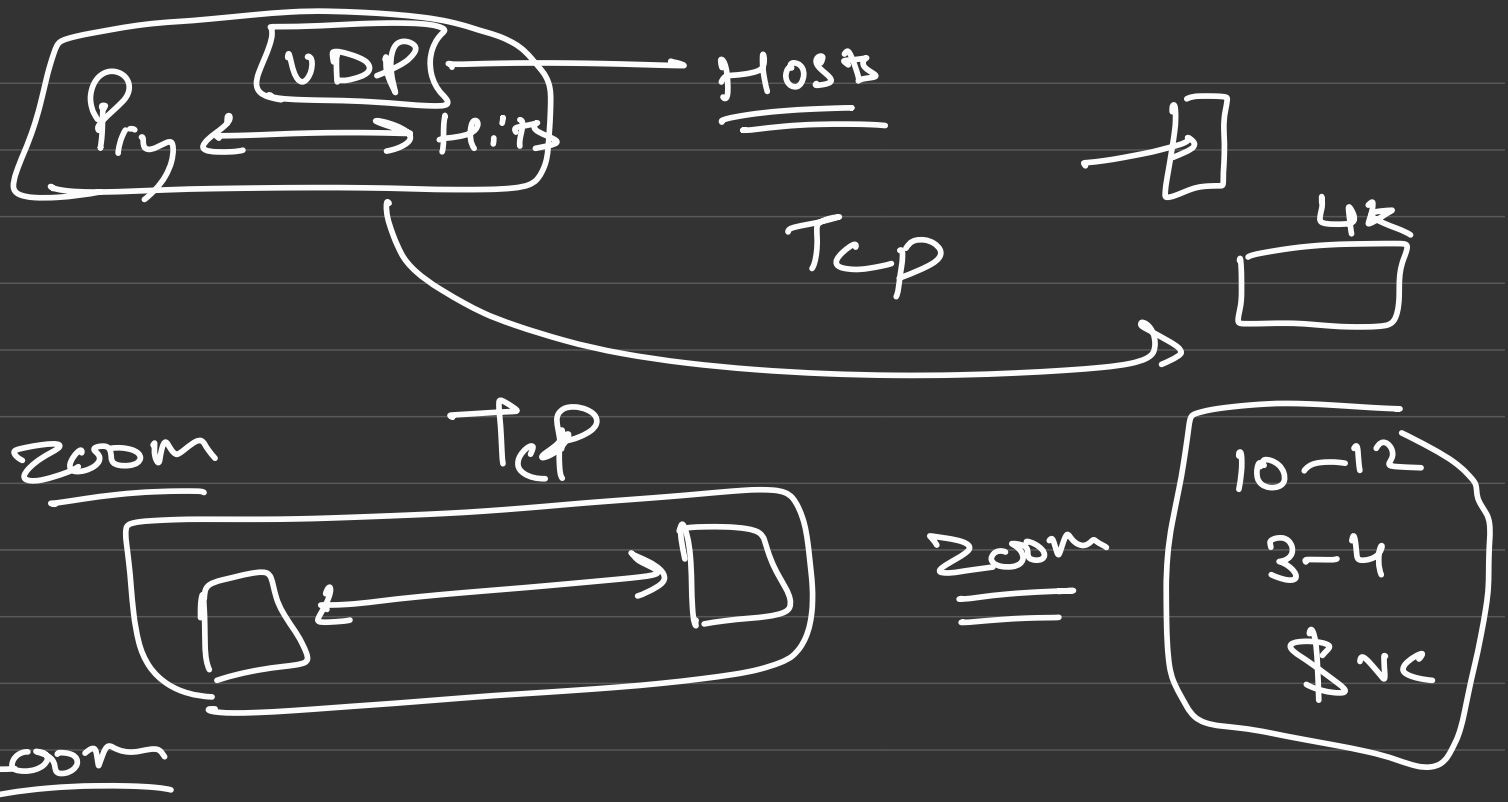
Ack

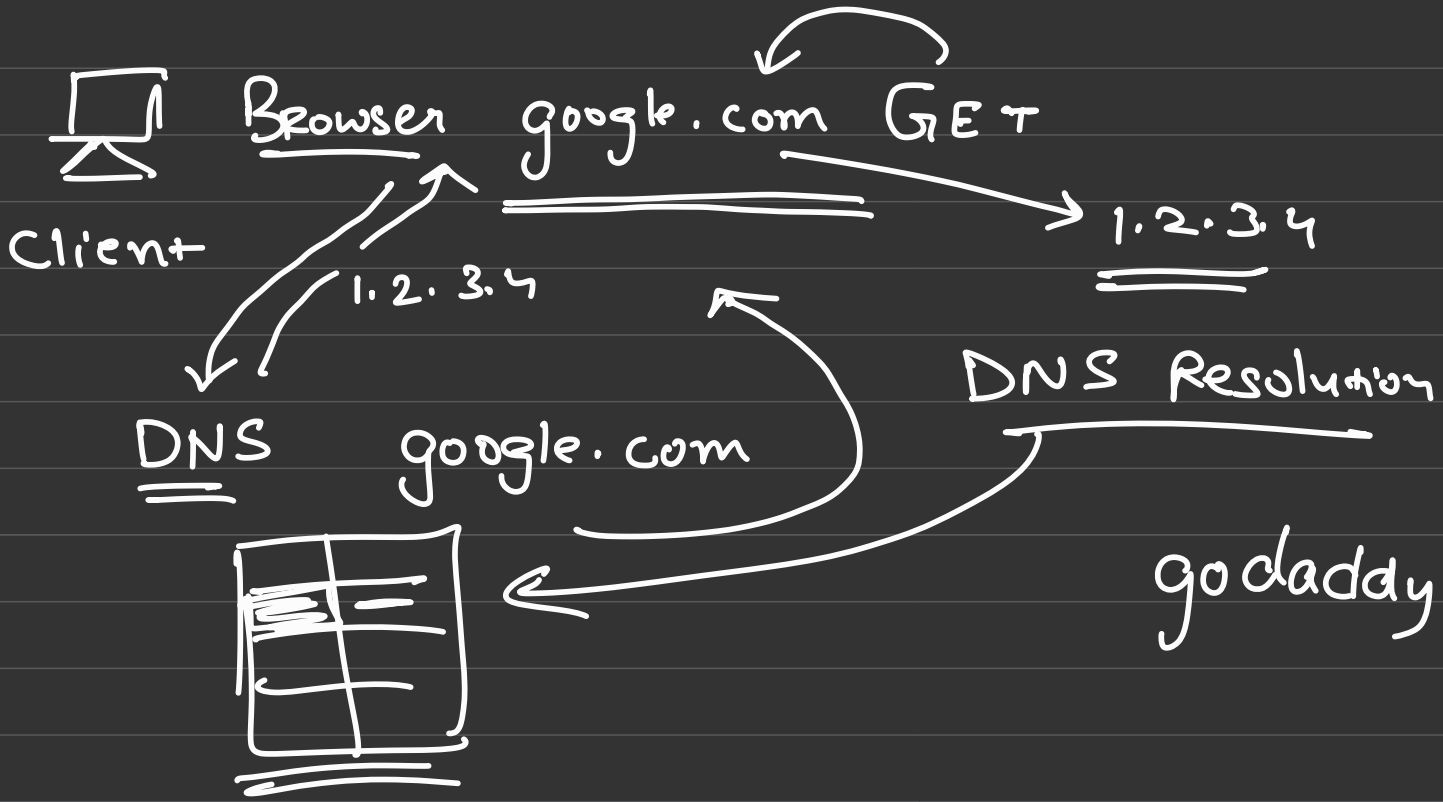
Http - hypertex trans protocol

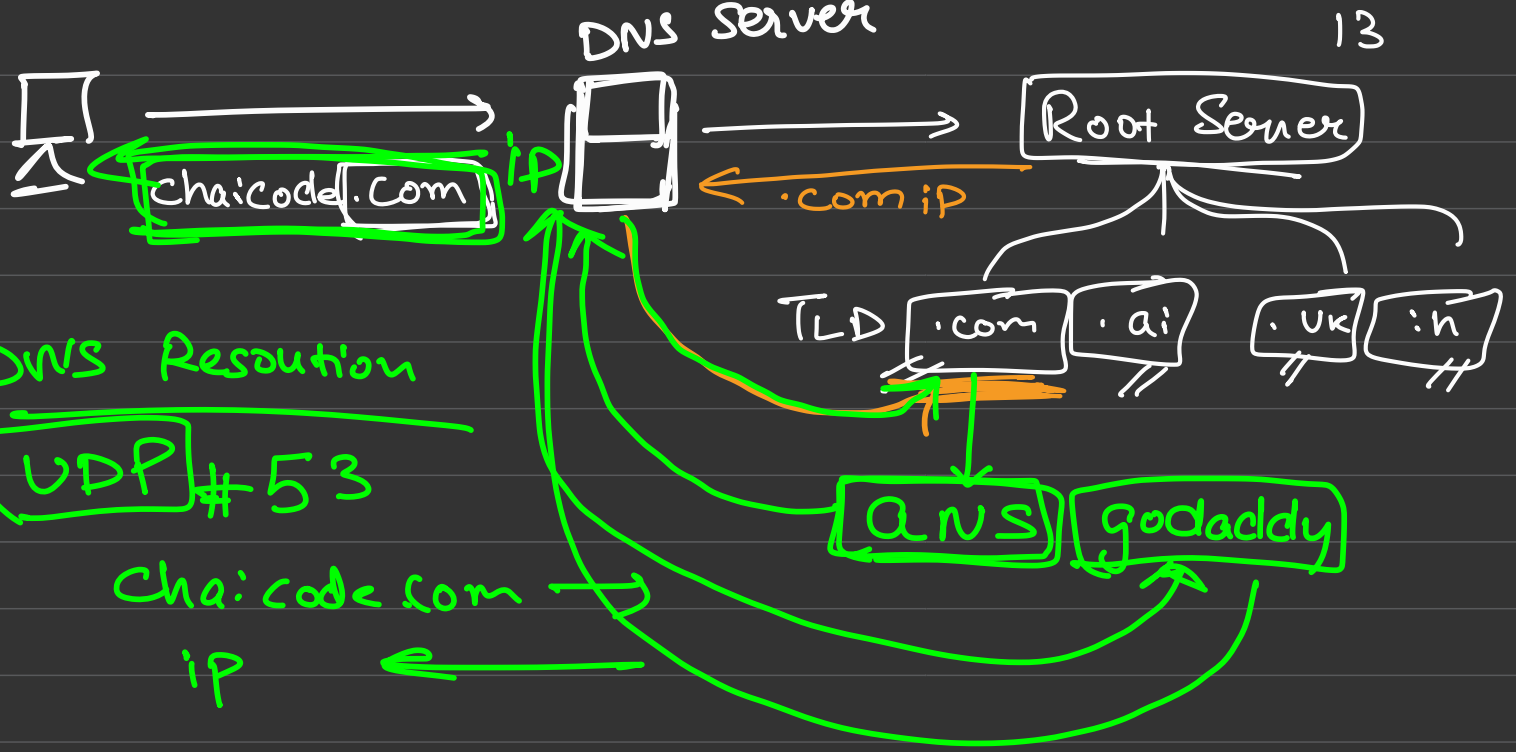
3 way Sync




UDP
UDP
Time
Realibk
Zoom
UDP
1 2 3
Tcp
Cricket
Tcp
Video call
UDP
Yt live
Tcp


UDP
Hosts
Tcp
4k
Zoom
Tcp
Zoom
10-12
3-4
$VC
Zoom


Browser
google.com
GET
Client
1.2.3.4
1.2.3.4
DNS
google.com
DNS Resolution
godaddy


DNS Server
Root Server
chaicode.com
ip
.com ip
TLD
.com
.ai
.uk
.in
aws
godaddy
DNS Resolution
UDP #53
chaicode.com
ip