

APP

TRANSF.

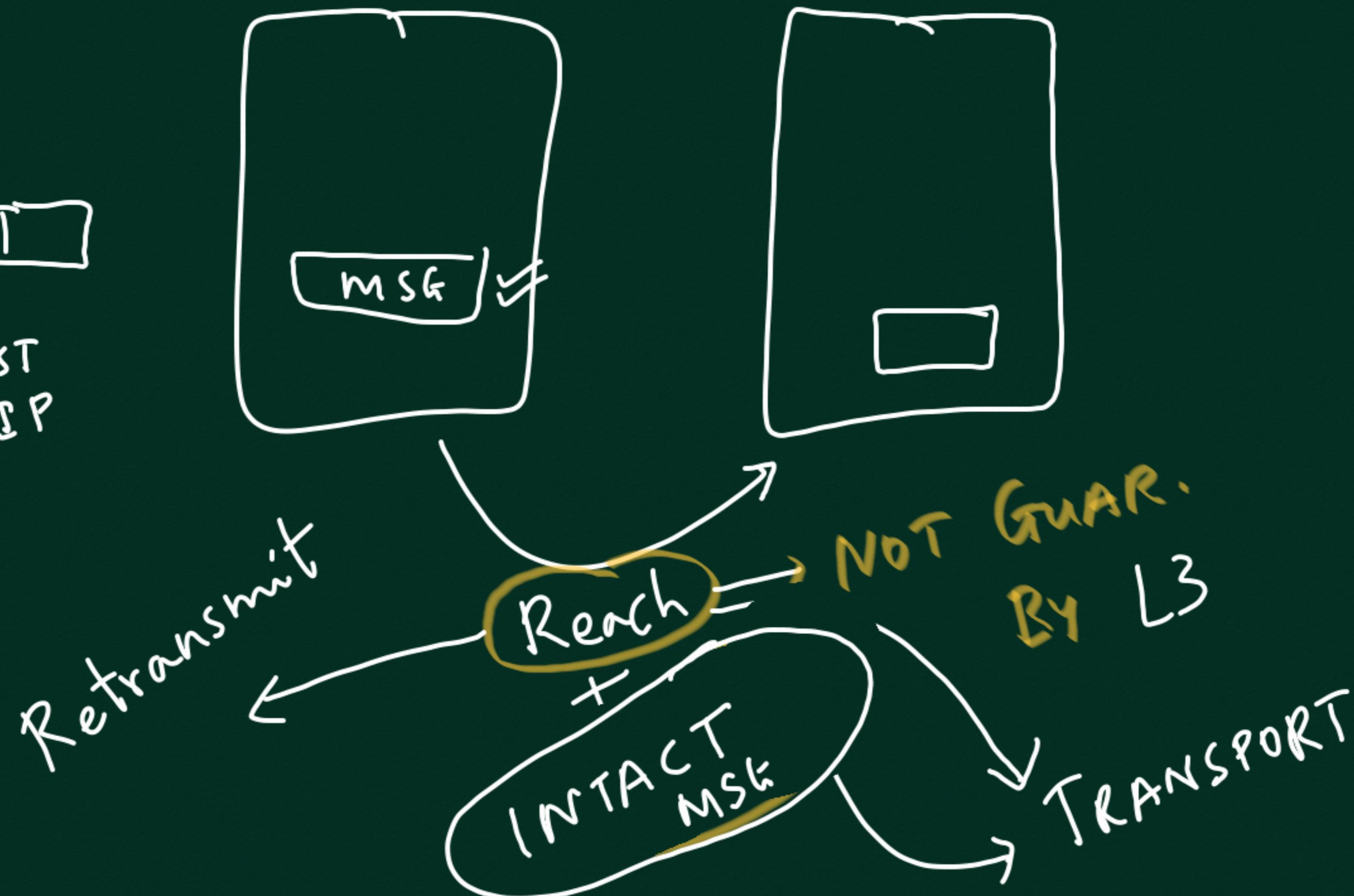
NET. ✓

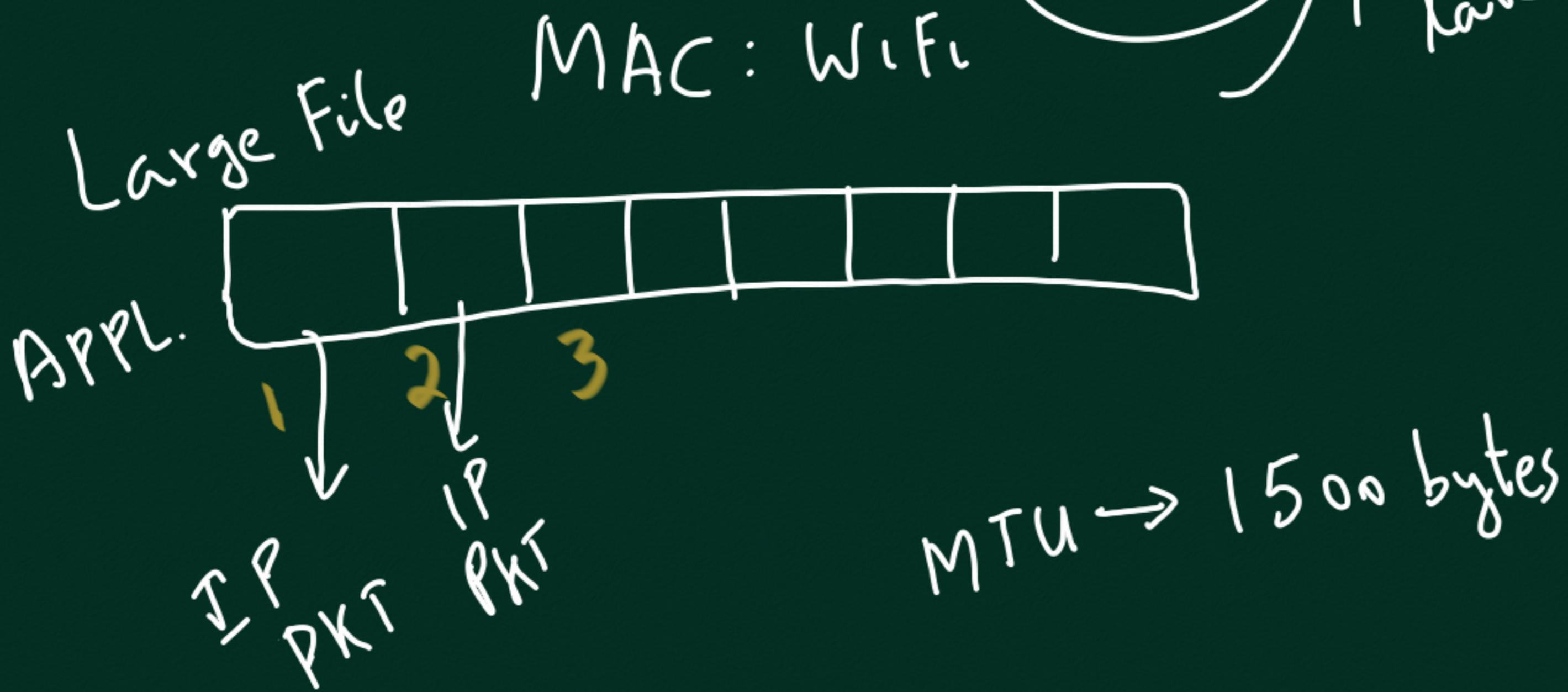
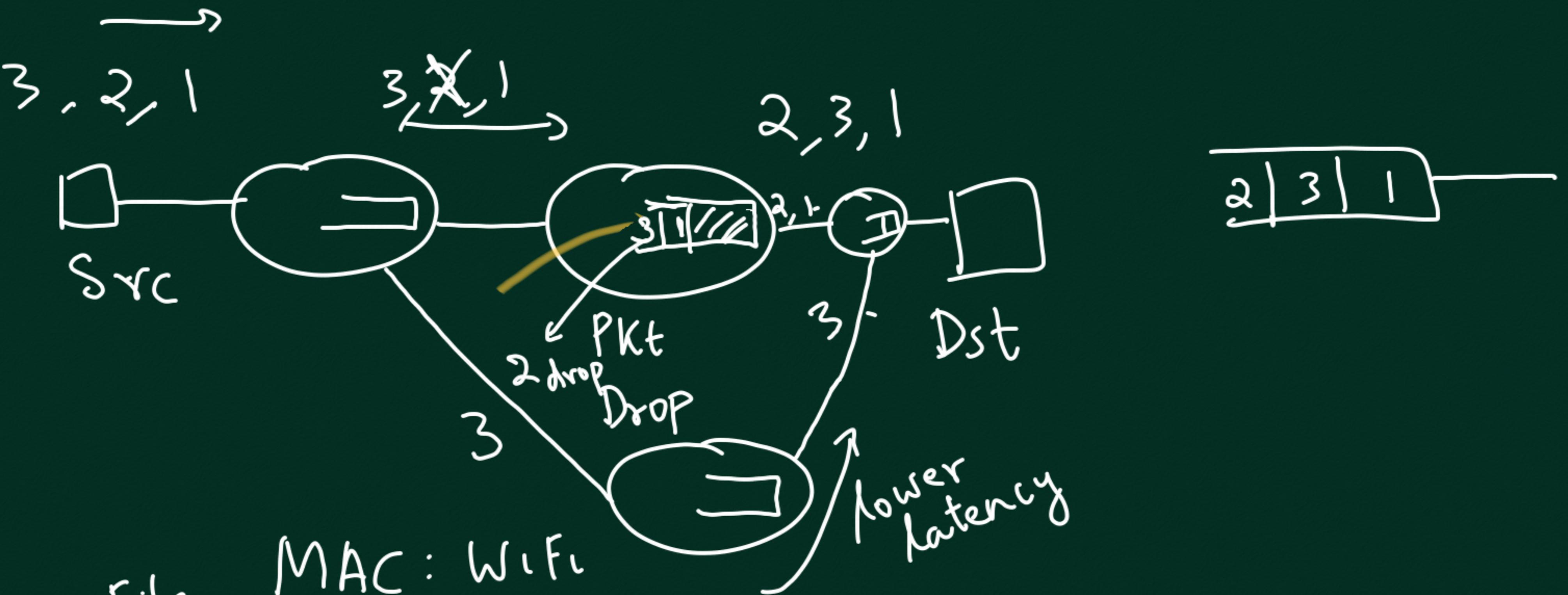
I
DST
IP

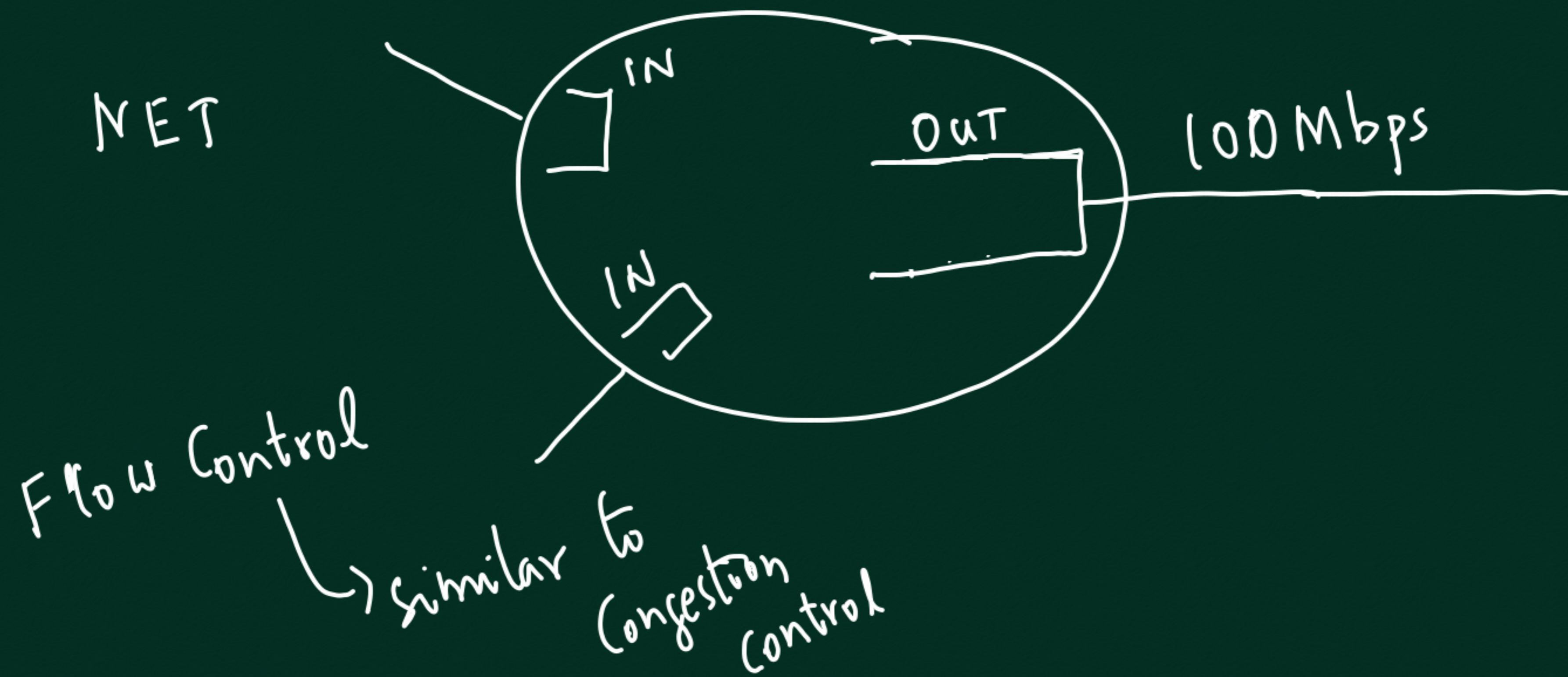
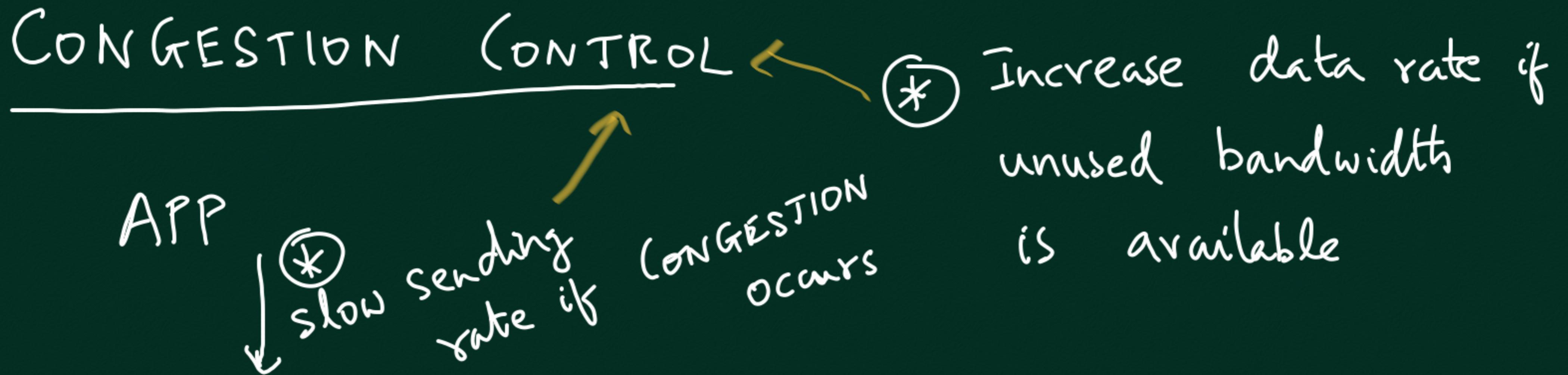
DLL ✓

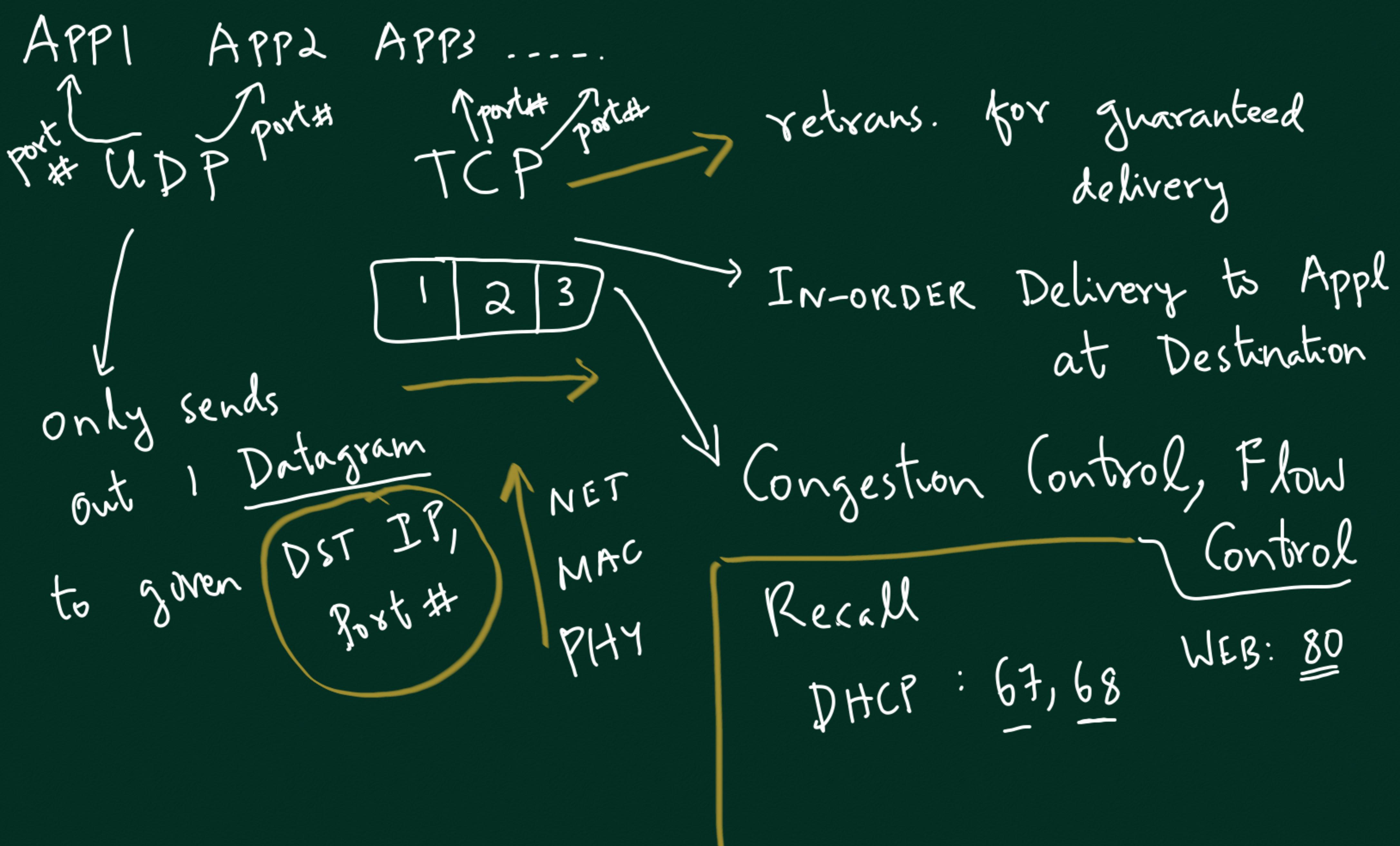
PHY ✓

WhatsApp









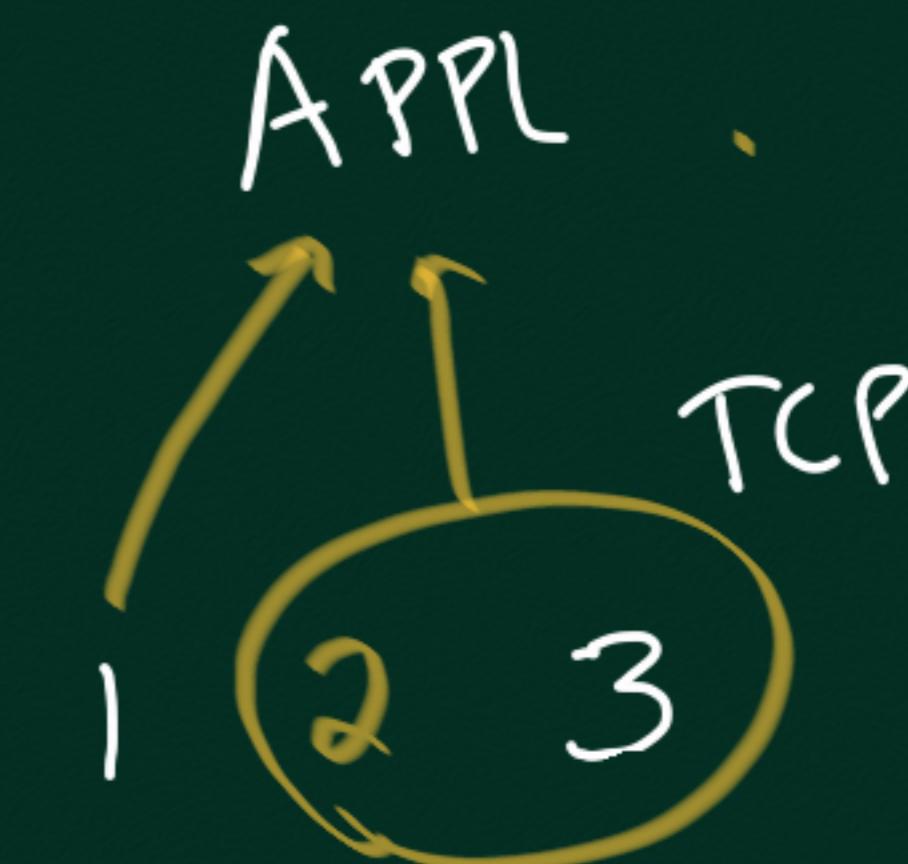
When to use UDP?

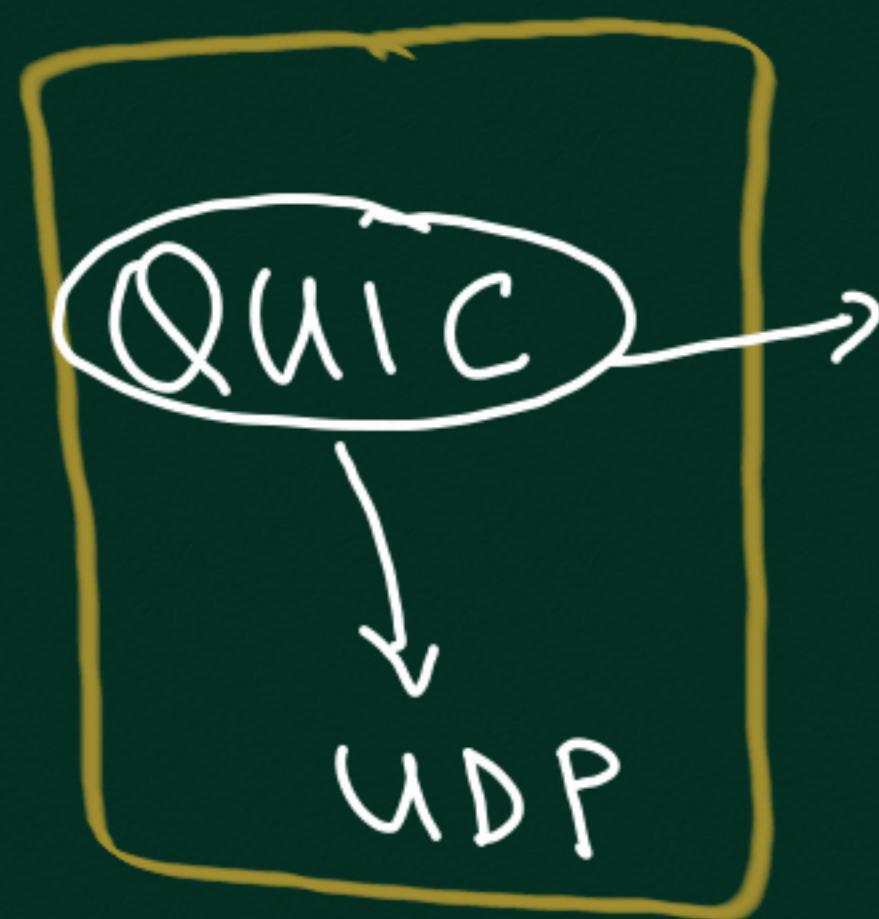
(1) IF MSG will fit in 1 pkt

(2) Low latency

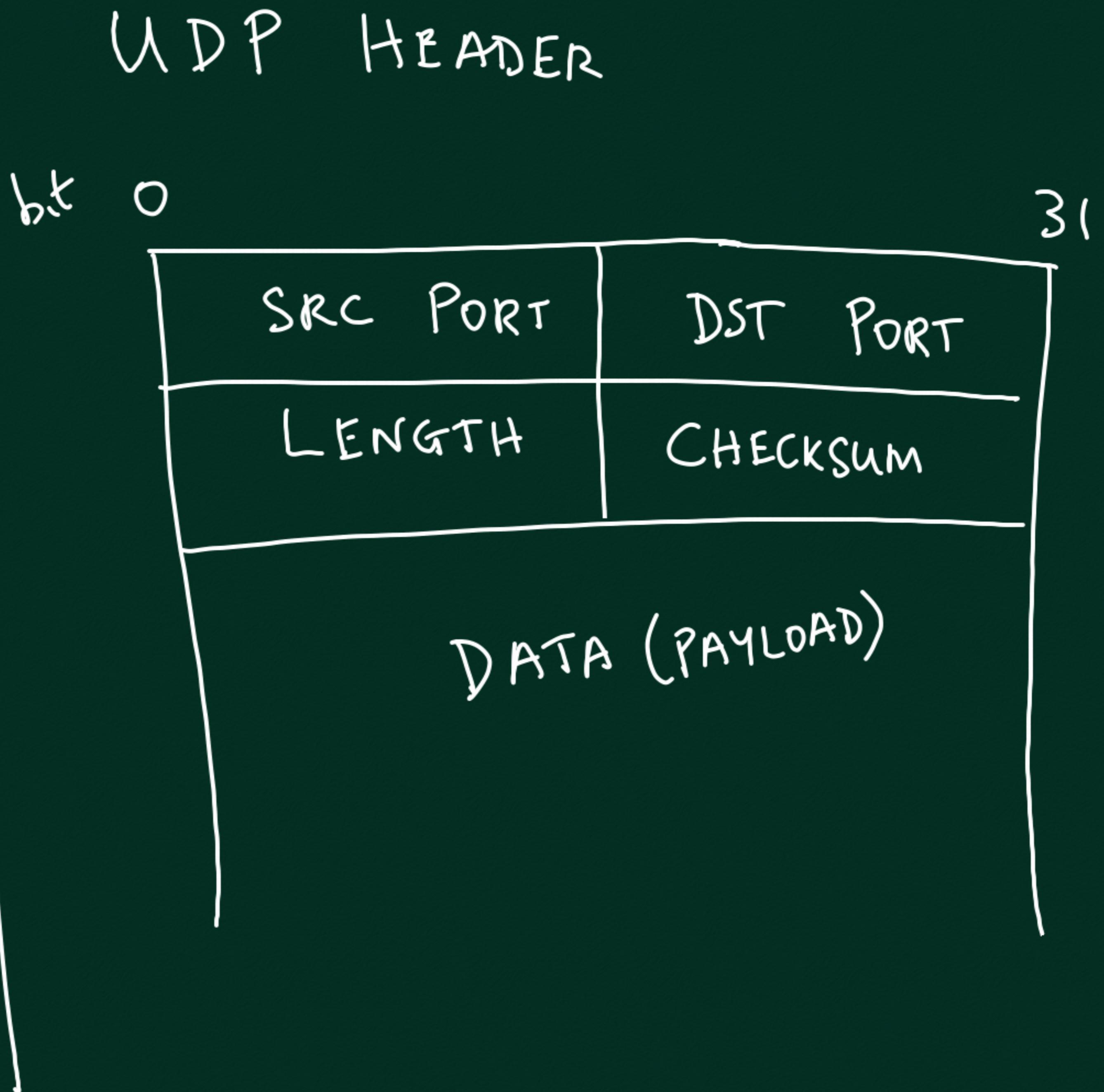
3,2,1 →

arriving late
2





TCP



TCP HEADER

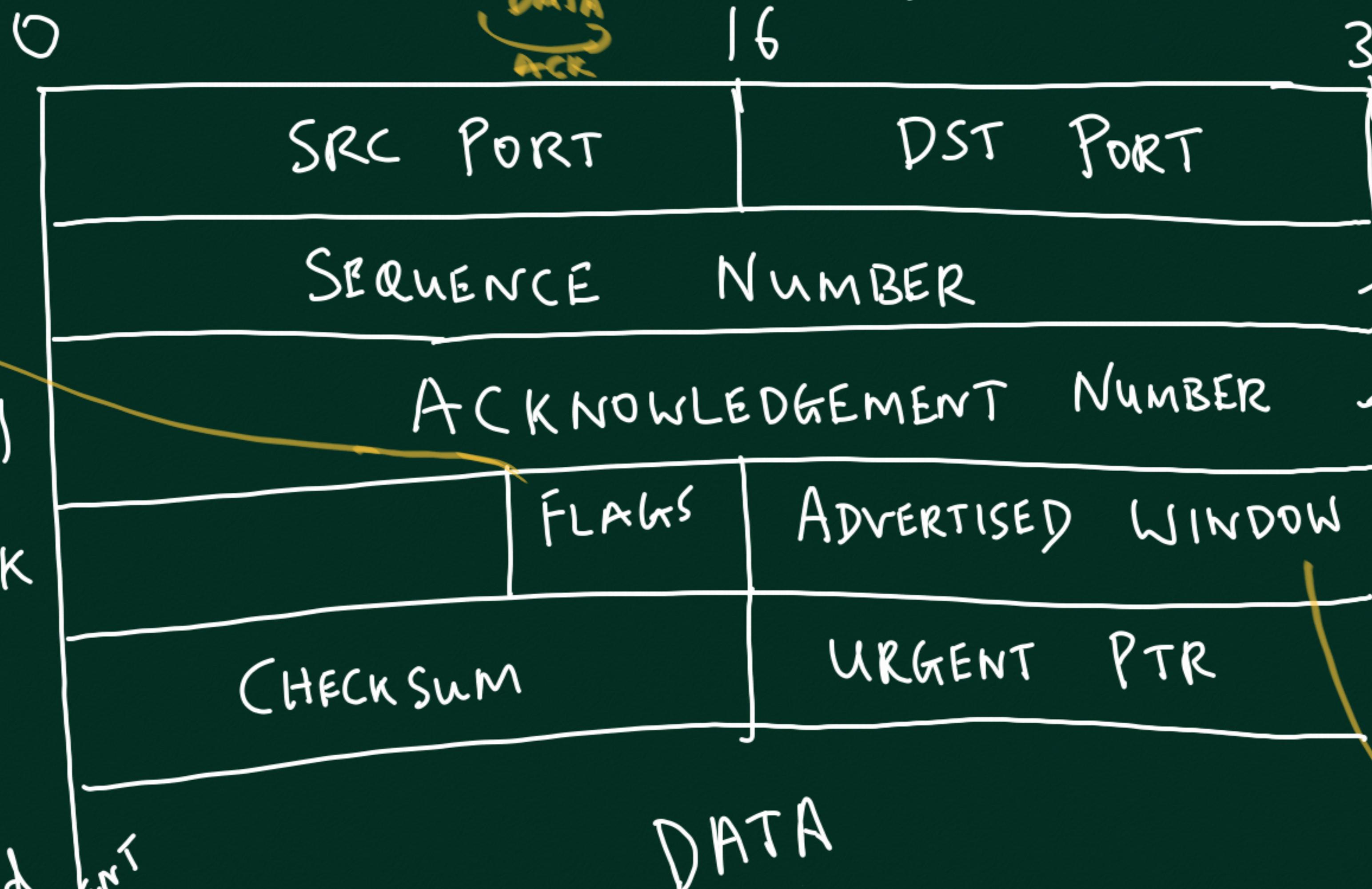
Sent to setup connection

FLAG BITS:

SYN | FIN
BIT | BIT

PUSH | URG | ACK
BIT

User to close
ACK is included
in segment



TCP SEGMENT

→ FOR Data
in one
direction

ACK
data in
other
direction

DST says
how much free
buffer left

