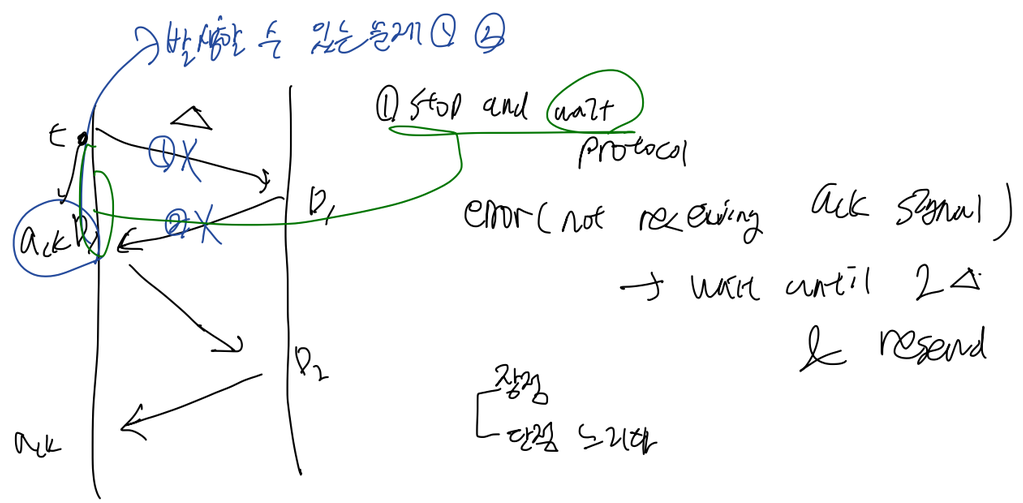
TCP/IP Internet

Application — OS
TCP(UDP)
IP
Network — IP / AR

TCP (transm

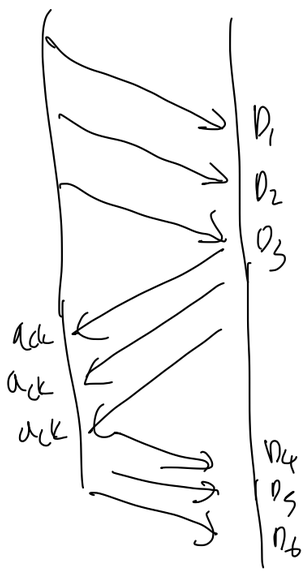
계층



① Stop and wait protocol

error (not receiving ack signal)
→ wait until 2△
& resend

장점
단점 느리다



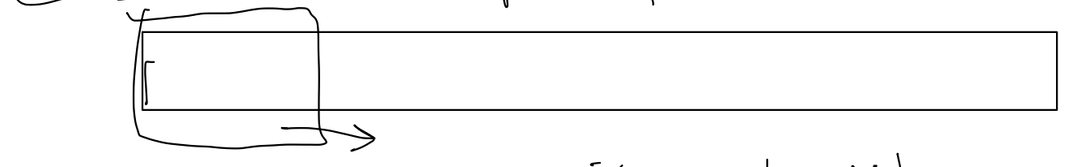
② Go back N

ex) N=3 Sending D_1 D_2 D_3

장점 한꺼번에 보냄
단점 error 발생시 느림

④ 생략

TCP Segment



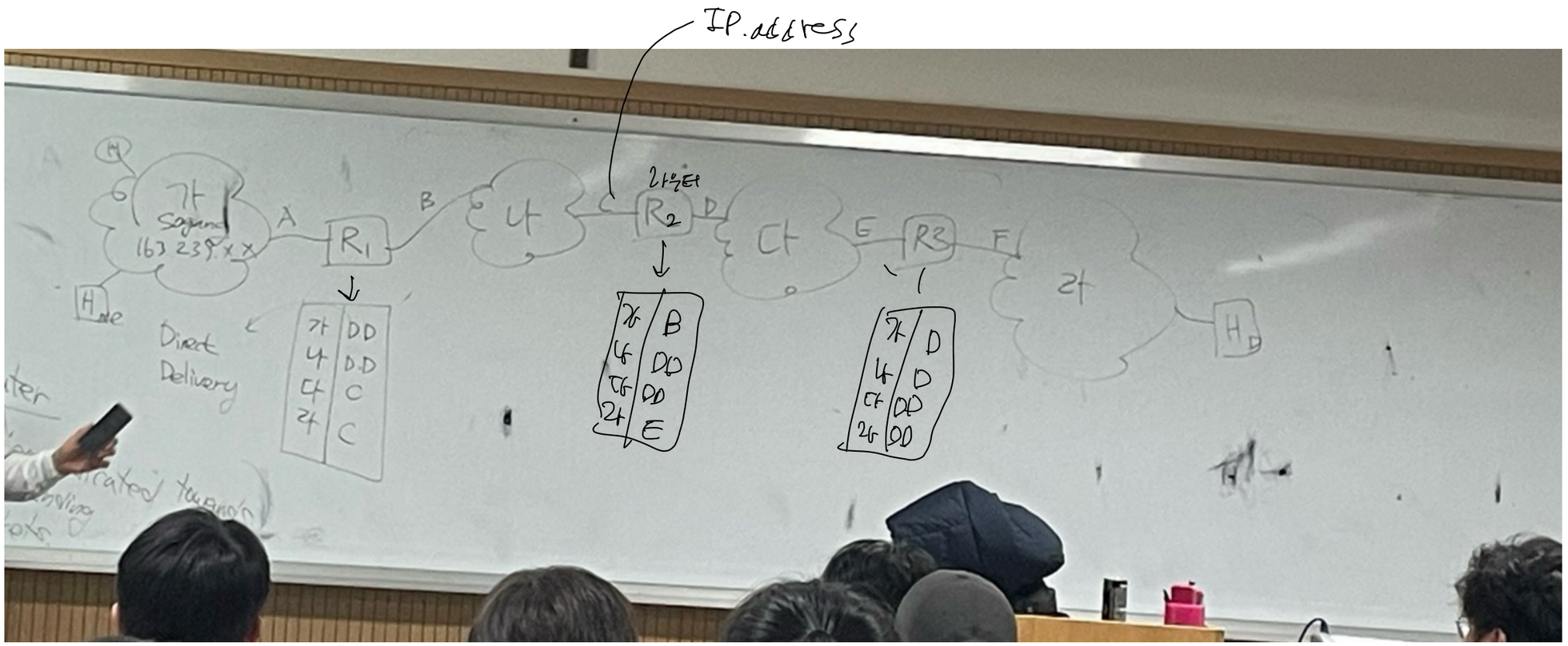
③ Sliding window protocol

N can be 1 ~ 1000 ~ ∞ : If traffic bad N↓
good N↑

Udf ~ 1.

IP : routing

Router : Computer dedicated towards
receiving & sending
Internet packets.



fixed num

HTTP

Email

FTP

Data

H

port num

port num

Data

DATA

IP address

MAC add

DATA

network interface Later

Packet

Datagram

IP

Network

R

Data

Packet

R1

A

R2

B

C

Email program

OS

Port

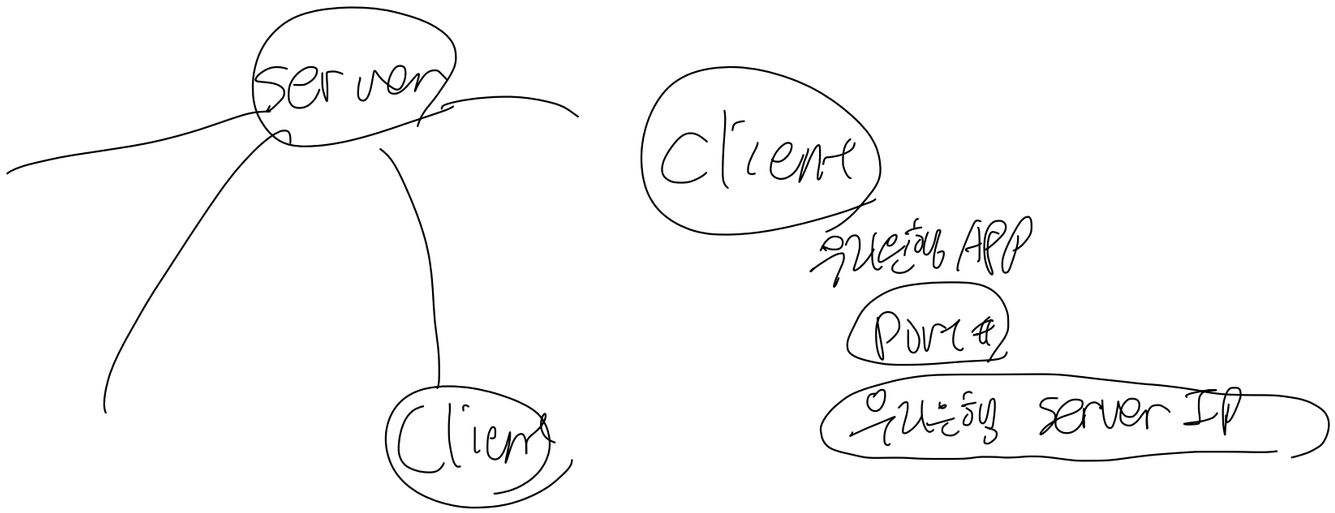
Seq Port 번호

DATA

Datagram

IP

Network


server
Client
Client
응답할 APP
Port #
응답할 server IP