Transport supports Application Cayor. eg. \7CP) H77P/ 2 protocol @ 1 majorit- TCP. only in hastr, not nonters. $A - \otimes - \otimes - B$.

IP only UDP/TCP/IP. Melicy. mable to UDP Csimples - Chedusum - bit error detection. recore if pucket lat. multiplexhy B (receive). A (sendu) Multiplein. I DP (P) ... (Po prouver. - Huster Stane, dest port Length, Unchann. UDP 1amer

duchim.



- > Much away and.
- → Aip arma.

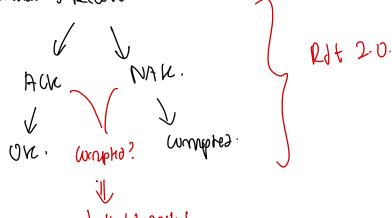
Reliable Data Tomsfer. (rdt).

-> County to pople, re-order lung delays in packats.

Bit Error.

-> fleriver tetert -> Cheekeum.

-> Recent feedback -> Recover



Simpliku

ferky.

typlicated packet.

11

every pullet a segrena no.

tgf 3.0

Ls product may be lost.

L very pomotal.

Jet a time for every parter.

if no ACU, assume lost.

don't care all ceason

of threaut.

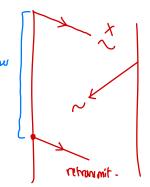
firster logic

firster logic

like if (timeout)

R

→ cetraumit



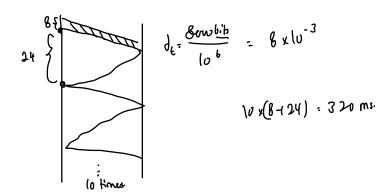
All rdt protects ore home-made (not used in practice) ever for CBA ISR.

returnit upon timeous.

Fundation For TCP

DNS givery is streetly exceptulated in UDP segment

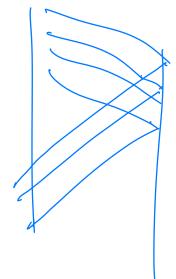
Stop & mail



Sequere no. -> feed back compted -> hydrake tota pailet. RTT known > time set properly - to long below (pre-making timecrat. - No graphicate burner.

Timus (an)

rgf 3.0: Stop & wast Openhan → voy thow. =: pipeline to militie partes. Pipelining



Go-Bach-N. - GBN-

Letert - SR.

Send up to N partiet Whire ACM rehmed. CBN.

- · One times for oldest water parter.
- · Retrons everything one in out.
- Culmulaine Alle Once received.
- · Stightly simply
- · Disurds out-of-order primes.

SR

- · N times a time for each prevent.
- · Petons that pullet.
- · Indicated ACK.
- < More officient. butter out-of-order partiets

TCP - built on top al previous protocul.

- . point to mint I use sochet for one clint
 - -) une to une from Millon
 - -> label every power is seq. no.
- · Connetion vinted I 3 very hond-shave
- fally dylla send & receive should knowly. (bi-drechland)

· /a-octor 6	jte streem			
		. (1	
	sequence 1	w. to label b	offer.	ſ
	Jill. from	ABN or SK.	fint by	he of Jata
	А	R.	_	sey. no. It always D
	[1	1		
8=	q=5			
			repuniming on or Not leave.	.7
seq:	7	(2)	Ψ	
			: not alway	
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		. (= WH SE 11	in whitely
			<u> </u>	(100 4 (01) 00

· Culmulaire Alls.

- Thate hand, -> agree on comeins & exchange consider promise.

-> n. bates on first 2 handshale.

- 700 prover con be rewiser.

