File fixe = 10MB — $\gamma \lambda_{2}$ for $\gamma \lambda_{3}$ for $\gamma \lambda_{3}$

File Size = 666 R = 166ps Pr(hit corruption) = 109 bit eum -> Ketmasnissia. a - 2

We know: (1-x) = exy if xr(1, y>) . some Jun, in we will be de in a first of the propertien of the propertient of the properties of the properties

ناریخ نحویل: ۱/20 / ۱ / ۱ / ۵	نام درس: تسلم حصای کامسوسری دلانی سری ادل	سروش مسفروش مشهد شماره دانشجویی: 810198472
A Pockel 1 Pocke	J= 30 Km L	=16166= 1641 R=166ps -3
D	H=1KP= 103P	$t_{pocked} = \frac{L}{R} = \frac{164}{167} = \overline{165}$
- + packet = 10 Ms, + prep =	$= \frac{C}{d} = \frac{3 \times 10^3}{3 \times 10^3} = 10^6$	
+ Mc1 = A = 103 = 166 = 1 Ms	T - 2tprop+ tack	+ tpreket = 200 + 1 + 10-211Ms

1	ناريخ تحويل: 🙎 / / / °	نام درس: مثله حال کارستری	سروش مسفروش مشهد	
	تاريخ تحويل:	قالمیت سری ایل	شماره دانشجویی: 810198472	
16 Gbps links part Size = 104 bits prop delay = 1Ms - + prop=1M · a - 4				
$\frac{+pecket}{R} = \frac{L - P \cdot rt \cdot d}{R} \frac{Size}{link radio} + \frac{-166}{link} = \frac{164}{link} = \frac{166}{link} = \frac{1}{166} = \frac{1}{16$				
A				
intermediate Schitch				
B T = tpucket + tprop + tpacket + tprop				
	T = 4 Ms,	ردنل کا است.	· lating Cost grissia	
المعام ا				
T= 2+ Prop + + packed + + 1 + 1 + 100 - 1010 - 108 - 0.01 Ms				
> T= 2+1+0.01= 3.01 MSE				

ناریخ تحویل: 20 / / این خویل: 4 / این مین از این از	درس: تعمل ما می کا بسیدتدی	سروش مسفروش مشهد شماره دانشجویی: 810198472			
عربي عوين	تلك بسم لول	810136412			
Pochet IMS TPROP =	5ms tack = 5	Epicket W= 3 - 7			
Buffersize = 2 Time	out = Yound - trip time	G Window - SI Le			
7- to the transmission who					
T- toronsported touch 2 torop = 11 mg . Milion July la transmission sie					
> number of Sent packeds: (x cuss; pexj - (1-p)ph-1=> E(x)=1-p					
-> Efficiency = 1 -(1-12) = 0.9 throughpot= Efficiency x 3xw					
Throughput= 3xw 10A = 245.45 W bps.					
11 mg					

time-out= 12 ms

Pe=0, 1

Lime-out= 12 ms

Pe=0, 1

When with a print or resident throughput Own En rish efficiency print is

Xi order of the derivation of the organist and throughput = efficiency x Borback = 1,12 m

Xi order of the derivation of the organist and throughput = efficiency x Borback = 1,12 m

Xi order of the derivation of throughput = eff x Riw = 0.9 13, w

eff = 1 - P = 10

Eins

N=12 Windrew Eize = -8

نام درس: نشلم دهای کا مسیرتری ناریخ تحویل: ۱/2 / ۱ / ۱۵ مسیرتری ناریخ تحویل: معربی در ل سروش مسفروش مشهد شماره دانشجویی: 810198472 tprop= 0.5 ms tpunt= 150 Ms tak= 50 Ms Stop and wait protocol P = 0.1 T = tracky + trop + truck + trop 1000 + 50+ 150 = 120045 Socket, need = 1.1 road triptime = 1320 MS دراین عست با نقص براین که timesot مراید این عوضع بیرای ما ندید تنان Throughput, puly piscider is in in in it is Thoughput = 0 Timesot - round-trip time Delay ToMs, I so Ms.c] - T = 1200 Ms Throughput = 1 = T+E1 Deloy7 - 0.5 - throughput = 3L = 3L / 1.2 ms Throughput = $\frac{0.15}{0.15+1+0.075} \times \frac{15}{200} = \frac{45L}{245ms}$ Sender-timeout = 1.1 Yound trip time Deloy~ U[0, 200 Msoo] = 183,673469 bps.