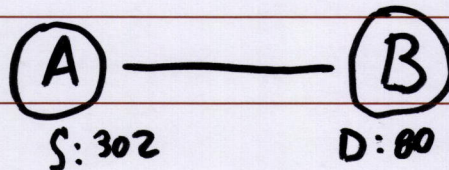


Discussion 16

P.27



Already received
126 bytes

1st segment: 80 bytes
2nd " : 40 "

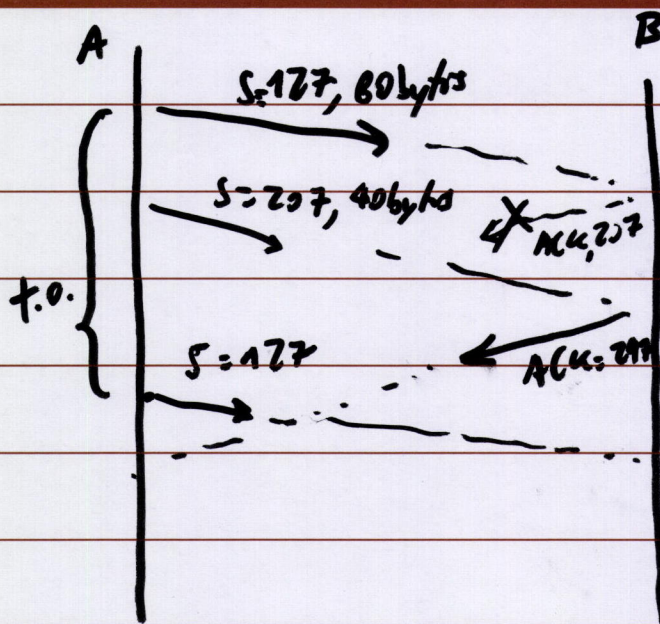
a. 1st segment: #127 - size 80

2nd segment: #207, source port: 302, dest. port: 80 //

b. ACK: 207, source port: 80, dest. port: 302 //

c. ACK: 127 //

d.



Scenario B:

P.40

Scenario where collision avoidance starts from: $\frac{ssthreshold}{2}$
 Obs: pdf starts: $\frac{ssthresh}{2} + 3$. (Scenario A)

f) $ssthresh = 21$, c.avoid: 21

g) $ssthresh = \frac{26}{2} = 13$, ~~converge~~: slow start: 1

h) 1st RTT: 1 5th " : 16-31
 2nd " : 2-3 6th " : 32-63
 3rd " : 4-7 7th " : 64-96 ← 70th segment
 4th " : 8-15
 Answer: 7th round (RTT)

i) $ssthreshold = \frac{8}{2} = 4$, c.avoid: 4

j) $ssthreshold = \frac{42}{2} = 21$, slow start: 1

From 17th: pkt total
 k) 1st round: 1
 2nd " : 2
 3rd " : 4
 4th " : 8
 5th " : 16
 6th " : 21
 } Σ : 52 pkts //