Lecture 21 (4/7) Self-Test

Due Apr 21 at 5pm

Points 1

Questions 10

Available Apr 7 at 5pm - Jun 1 at 11:59pm about 2 months

Time Limit None

Instructions

Self-test for Lecture 21

Score for this survey: **1** out of 1 Submitted Apr 15 at 8:54pm This attempt took 2 minutes.

	Question 1	
	What are the three phases of TCP Congestion Control? (mark three)	
ou Answered	✓ Congestion Avoidance	
	Conflict Avoidance	
ou Answered	✓ Slow Start	
	☐ Fast Start	
ou Answered	✓ Fast Recovery	
	☐ Slow Recovery	

Congestion Avoidance
Slow Start
Fast Recovery

Question 2

For a sender in Congestion Avoidance, if the MSS = 1000bytes, and the current value of CWND is 10000 bytes, then what is the value of CWND (in bytes) after receiving an ACK of new data?

0 10000

ou Answered

• 10100

10200

11000

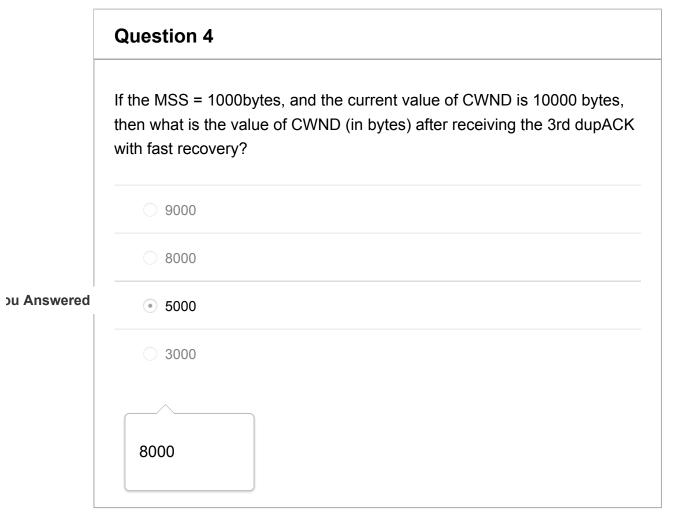
12000

10100

Question 3

If the MSS = 1000bytes, and the current value of CWND is 10000 bytes, then what is the value of CWND (in bytes) after receiving the 3rd dupACK without fast recovery?

	9000		
	0 8000		
ou Answered	5000		
	3000		
	5000		



Question 5

Answered	1000
	○ 2000
	○ 3000
	O 4000
	O 5000
	1000

Question 6 If the MSS = 1000bytes, and the current value of CWND is 10000 bytes, then what is the value of ssthresh (in bytes) after a timeout? 1000 2000 3000 4000 • 5000

	Question 7
	The congestion control algorithm is in the slow-start phase, and the 3rd dupACK arrives: what state does it move to (or stay in)?
	○ Slow-start
	Congestion Avoidance
ou Answered	Fast Recovery
	Depends on the value of CWND
	Fast Recovery

	Question 8
	The congestion control algorithm is in the slow-start phase, and an ACK of new data arrives: what state does it move to (or stay in)?
	○ Slow Start
ou Answered	Congestion Avoidance
	Fast Recovery
ou Answered	Congestion Avoidance

	It depends on the value of CWND
	It depends on the value of CWND
	Question 9
	The congestion control algorithm is in the congestion-avoidance phase, and an ACK of new data arrives: what state does it move to (or stay in)?
	○ Slow Start
ou Answered	Congestion Avoidance
	○ Fast Recovery
	It depends on the value of CWND
	Congestion Avoidance
L	
	Question 10
	The congestion control algorithm is in the fast-recovery phase, and an ACK of new data arrives: what state does it move to (or stay in)?
	○ Slow Start
	Congestion Avoidance

	Fast Recovery	
ou Answered	It depends on the value of CWND	
	Congestion Avoidance	

Survey Score: 1 out of 1