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
- [x] Congestion Avoidance
- [ ] Conflict Avoidance

ou Answered
- [x] Slow Start
- [ ] Fast Start

ou Answered
- [x] 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?

- 10000
- 10100
- 10200
- 11000
- 12000

ou Answered

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

8000

ou Answered 5000

3000

5000

Question 4

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 with fast recovery?

9000

8000

ou Answered 5000

3000

8000

Question 5

If the MSS = 1000bytes, and the current value of CWND is 10000 bytes, then what is the value of CWND (in bytes) after a timeout?

ou Answered

- (•) 1000
- ( ) 2000
- ( ) 3000
- ( ) 4000
- ( ) 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

ou Answered

- (•) 5000

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
- Fast Recovery
- Depends on the value of CWND

ou Answered

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
- Congestion Avoidance
- Fast Recovery

ou Answered

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)?

ou Answered

Slow Start

Congestion Avoidance

Fast Recovery

It depends on the value of CWND

Congestion Avoidance

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

ou Answered

Fast Recovery

It depends on the value of CWND

Congestion Avoidance

Survey Score: **1** out of 1