Quiz(Week 5)

Q1 . TCP receiver may intentionally delay the acknowledgement of a correctly received packet. True or False?

Q2 . A TCP receiver receives an in-order segment with an expected sequence number, but it has one other segment with pending ACK. Which of the following is a possible action for this receiver if it is using the delayed ACK mechanism?

A. It sends 2 ACKs one after the other

B. It sends 3 ACKs one after the other

C. It sends one cumulative ACK acknowledging both segments

D. It sends a Duplicate ACK.

Q3 . TCP is never allowed to retransmit unless there is a timeout. True or False?

Q4 . During slow start, congestion window increases:

A. Linearly

B. Exponentially

C. Logarithmically

D. Does not grow

Q5 . Maximum segment size (MSS) refers to the number of bytes in a TCP segment including its header. True or False?

Q6 . A TCP connection is using an MSS=1460 byte. At the start of the slow start phase, how many bytes the TCP sender can transmit without having to wait for ACK?

A.1400

B. 1460

C.1500

D. 3000

Q7 . A TCP sender could still reduce its window size even if there was no triple duplicate ACK or timeout. True or False?

Resource created 3 months ago (Sunday 22 May 2022, 12:49:51 PM), last modified 2 months ago (Sunday 26 June 2022, 11:55:56 PM).

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