

Grade Book Detail

Quiz 6

Started: December 10, 2019, 9:52 am

Last change: January 4, 2020, 3:46 pm

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Which socket primitive is used to block the caller until a connection attempt arrives?

- ☐ bind
- ☐ listen
- ☐ connect
- ☒ accept

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Question 1: 10 out of 10 in 1 attempt(s)

What is used at the transport layer to stop a receiving host's buffer from overflowing?

- ☐ Segmentation
- ☐ Packets
- ☐ Acknowledgments
- ☒ Flow control

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Question 2: 10 out of 10 in 1 attempt(s)

Q. If the window size field of the acknowledgement TCP segment is 60 KB, and the congestion window size is 50 KB, how many bytes could the sender transmit next time?

A. 50 _____ kB

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Question 3: 10 out of 10 in 1 attempt(s)

Q. Consider the effect of using slow start on a line with a 10 ms round-trip time and no congestion. The receive window is 12 KB and the maximum segment size is 1 KB. How long does it take before the first full window can be sent?

A. 30 _____ ms

Show Answer 40

Question 4: 0 out of 10 in 1 attempt(s)

Q. In TCP Tahoe suppose that the TCP congestion window is set to 32 KB and a timeout occurs. How big will the window be if the next 8 transmission bursts are all successful? Assume that the maximum segment size is 2 KB.

A. 288 _____ KB

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Question 5: 0 out of 10 in 1 attempt(s)

Total: 30/50

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