



開始於 2021年 06月 21日(一) 15:17

作答狀態 已經完成

完成於 2021年 06月 21日(一) 15:18

所用時間 43 秒

分數 得分**10.00**/配分10.00(**100%**)

試題**1**

答對

得分 2.00/配分2.00

What is the main objective of congestion control?

單選：

- ☐ a. guarantee in-order packet delivery
- ☐ b. not to overrun the receiver
- ☐ c. Correcting packet errors
- ☒ d. avoid congestion in the network ✓

你答對了!

正確答案：avoid congestion in the network

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試題**2**

答對

得分 2.00/配分2.00

Suppose that packet 3 with packet length 4 arrives at the router at time 5. If the time stamp of packet 2 is 7, find the time stamp for packet 3 under the fair queueing policy.

單選：

- ☐ a. 5
- ☐ b. 8
- ☐ c. 9
- ☒ d. 11 ✓

你答對了!

正確答案：11

## 試題3

答對

得分 2.00/配分2.00

Please select the correct statements for fast recovery and fast retransmit.

單選或多選：

- ☐ a. Two duplicated ACKs trigger a fast retransmit of the unACKed TCP segment.
- ☒ b. Fast recovery only cuts the congestion window in half ✓
- ☐ c. Fast recovery only cuts the congestion window to one packet and runs slow start
- ☒ d. Three duplicated ACKs trigger a fast retransmit of the unACKed TCP segment ✓

你答對了!

正確答案： Three duplicated ACKs trigger a fast retransmit of the unACKed TCP segment, Fast recovery only cuts the congestion window in half

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## 試題4

答對

得分 2.00/配分2.00

A sequence of data contains five symbols A, B, C, D and E.  
Suppose that A appears in the data with probability 0.4,  
B appears in the data with probability 0.2,  
C appears in the data with probability 0.2,  
D appears in the data with probability 0.1, and  
E appears in the data with probability 0.1.  
Use the Huffman coding to represent these five symbols.

單選或多選：

- ☒ a. D is encoded by 3 bits ✓
- ☒ b. C is encoded by 2 bits ✓
- ☐ c. E is encoded by 4 bits
- ☐ d. B is encoded by 3 bits
- ☒ e. A is encoded by 2 bits ✓

你答對了!

正確答案：A is encoded by 2 bits, C is encoded by 2 bits, D is encoded by 3 bits

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試題**5**

答對

得分 2.00/配分2.00

Overall, Prof. Cheng-Shang Chang is a good teacher.

選擇一個：

- ☒ 是 ✓
- ☐ 非

正確答案為"是"

