

Resources / Lectures (/COMP3331/19T3/resources/31915)
/ Week 6 (/COMP3331/19T3/resources/31957) / Quiz

Quiz

Q1 . If a TCP implementation decided to halve its congestion window when it received triple duplicate ACK, it was a Tahoe implementation. True or False?

Q2 . If a TCP implementation decided to reduce its congestion window to 1 MSS when it received triple duplicate ACK, it was definitely a Tahoe implementation. True or False?

Q3 . If a TCP implementation decided to reduce its congestion window to 1 MSS when it experienced a time out, it could be either a Tahoe or Reno (we cannot tell). True or False?

Q4 . A TCP Reno would halve its congestion window upon receiving a triple duplicate ACK. True or False?

Q5 . A TCP New-Reno would halve its congestion window upon receiving a triple duplicate ACK. True or False?

Q6 . TCP sets a very large value for ssthresh each time it switches to slow start. True or False?

Q7 . A router performs routing when a data packet arrives. True or False?

Q8 . When a packet arrives, a router performs forwarding. True or False?

Q9 . To perform forwarding, a router needs to perform routing first. True or False?

Resource created [4 months ago \(Wednesday 04 September 2019, 06:45:29 PM\)](#), last modified [2 months ago \(Sunday 20 October 2019, 08:10:34 AM\)](#).

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Nadeem Ahmed (/users/z3003139) [2 months ago \(Mon Nov 04 2019 21:20:43 GMT+0800 \(中国标准时间\)\)](#)

Solution:

1. False
2. True
3. True
4. True
5. False
6. False
7. False

8. True

9. True

Reply



Xianlei Wang (/users/z5182667) 2 months ago (Mon Oct 28 2019 15:03:13 GMT+0800 (中国标准时间))

Q1: False

Q2: True

Q3: True

Q4: True

Q5: False

Q6: False

Q7: False

Q8: True

Q9: True

Reply



Lachlan Chow (/users/z5164192) 2 months ago (Sun Oct 27 2019 14:55:57 GMT+0800 (中国标准时间))

1. False

2. True

3. True

4. True

5. False

6. False

7. False

8. True

9. True

Reply



Feifan Gao (/users/z5158409) 2 months ago (Sat Oct 26 2019 10:33:47 GMT+0800 (中国标准时间)),
last modified 2 months ago (Sat Oct 26 2019 10:43:04 GMT+0800 (中国标准时间))

Question: How does TCP sets *value for ssthresh* each time when it switches to **slow start**?

1. F

2. T

3. T

4. T

5. F

6. T (how large? dose it have benchmark?)

7. F

8. T