

Grade Book Detail

钟子鹏,

Quiz 5

Started: December 17, 2019, 11:12 pm

Last change: December 17, 2019, 11:44 pm

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The client host A, IP address 192.168.0.8, connects to the Internet via fast Ethernet interface. The server B has IP address 211.68.71.80. Following packets are captured at host A by sequence:

No.	The First 40 bytes of IP packet (HEX)									
1	45 00 00 32	01 9b 40 00	80 06 1d e8	c0 a8 00 08	d3 44 47 50	07 88 13 88	84 6b 41 c5	00 00 00 00	70 02 43 80	5d b0 00 00
2	45 00 00 32	00 00 40 00	2b 06 6e 83	d3 44 47 50	c0 a8 00 08	13 88 07 88	00 00 00 07	84 6b 41 c6	70 12 16 d0	37 e1 00 00
3	45 00 00 28	01 9c 40 00	80 06 1d ef	c0 a8 00 08	d3 44 47 50	07 88 13 88	84 6b 41 c6	00 00 00 08	50 10 43 80	2b 32 00 00
4	45 00 00 38	01 9d 40 00	80 06 1d de	c0 a8 00 08	d3 44 47 50	07 88 13 88	84 6b 41 c6	00 00 00 08	50 18 43 80	c6 55 00 00
5	45 00 00 28	68 11 40 00	2b 06 06 7a	d3 44 47 50	c0 a8 00 08	13 88 07 88	00 00 00 08	84 6b 41 e6	50 10 16 d0	57 d2 00 00

- Which packets are sent by the server B?
☒ No.5 and No.2 ☐ No.4 and No.5 ☐ No.2 and No.3 ☐ No.1 and No.3
- The total length of packet No.1 is: 50
- Which packets need fill out the frame to the minimum size at the fast Ethernet MAC layer?
☒ No.3 and No.5 ☐ No.1 and No.2 ☐ No.1 and No.3 ☐ No.4 and No.5
- The TTL of packet No.2 is: 43
- At the same time, we have captured packets at server B, below is one of those packets sent by server B:

Sent by	The First 40 bytes of IP packet (HEX)									
Server B	45 00 00	68 11 40	56 06 ec	d3 44 47	ca 76 01	28	00	ad	50	06
	01 99 a1	00 00 00	84 6b 41	50 10 16	b7 d6 00	08	07	e6	d0	00

Which packet captured at host A is the same packet as this one (has the same identification)?

☐ No.1 ☐ No.2 ☐ No.3 ☐ No.4 ☒ No.5

6. How many routers passed before the packet above (sent by server B) arrived to the host A? 43

7. Which packet is NOT used for TCP connection establishment?

☐ No.1 ☐ No.2 ☐ No.3 ☒ No.4

8. The sequence number of packet No.2 is: 7

9. According to the packet No.5, how many bytes have received by the server B?

32 bytes

10. According these packets, what is the port number listened by server B:

1928

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer

Show Answer 409

Question 1: 90 (parts: 10, 10, 10, 10, 10, 10, 10, 10, 10, 0) out of 100 in 1 attempt(s)

Total: 90/100

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