Grade Book Detail

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Quiz 5

Started: December 18, 2019, 12:42 pm
Last change: December 18, 2019, 4:57 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 35 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	29 06 6e 83	d3 44 47 50	c0 a8 00 08
	13 88 07 35	00 00 00 02	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 35 13 88	84 6b 41 c6	00 00 00 03	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 35 13 88	84 6b 41 c6	00 00 00 03	50 18 43 80	c6 55 00 00
5	45 00 00 28	68 11 40 00	29 06 06 7a	d3 44 47 50	c0 a8 00 08
	13 88 07 35	00 00 00 03	84 6b 41 e6	50 10 16 d0	57 d2 00 00

1. 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
2. The total length of packet No.1 is: 50
3. 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
4. The TTL of packet No.2 is: 41
5. 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 28	68 11 40 00	56 06 ec ad	d3 44 47 50	ca 76 01 06
	01 84 a1 08	00 00 00 02	84 6b 41 e6	50 10 16 d0	b7 d6 00 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? 45

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: 2

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 host A:
    1845

Show Answer	No.5 and No.2
Show Answer	50
Show Answer	No.3 and No.5
Show Answer	41
Show Answer	No.5
Show Answer	45
Show Answer	No.4
Show Answer	2
Show Answer	32
Show Answer	1845

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

Total: 100/100

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