

Ceng 435 – WireShark Assignment 2

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Answer 1:

SYN → Packet No : 10
Segment No: 0
Source Port = 48962
Destination Port = 80

SYN-ACK → Packet No : 11
Segment No: 0
Source Port = 80
Destination Port = 48962

ACK → Packet No : 10
Segment No: 0
Source Port = 49650
Destination Port = 80

Answer 2:

	packet number	segment number	ACK packet number	ACKed data
1. TCP Packet	26	6373	27	1448
2. TCP Packet	28	7821	29	13032
3. TCP Packet	35	20853	36	1448
4. TCP Packet	37	22301	38	2896
5. TCP Packet	39	25197	40	4344

Answer 3:

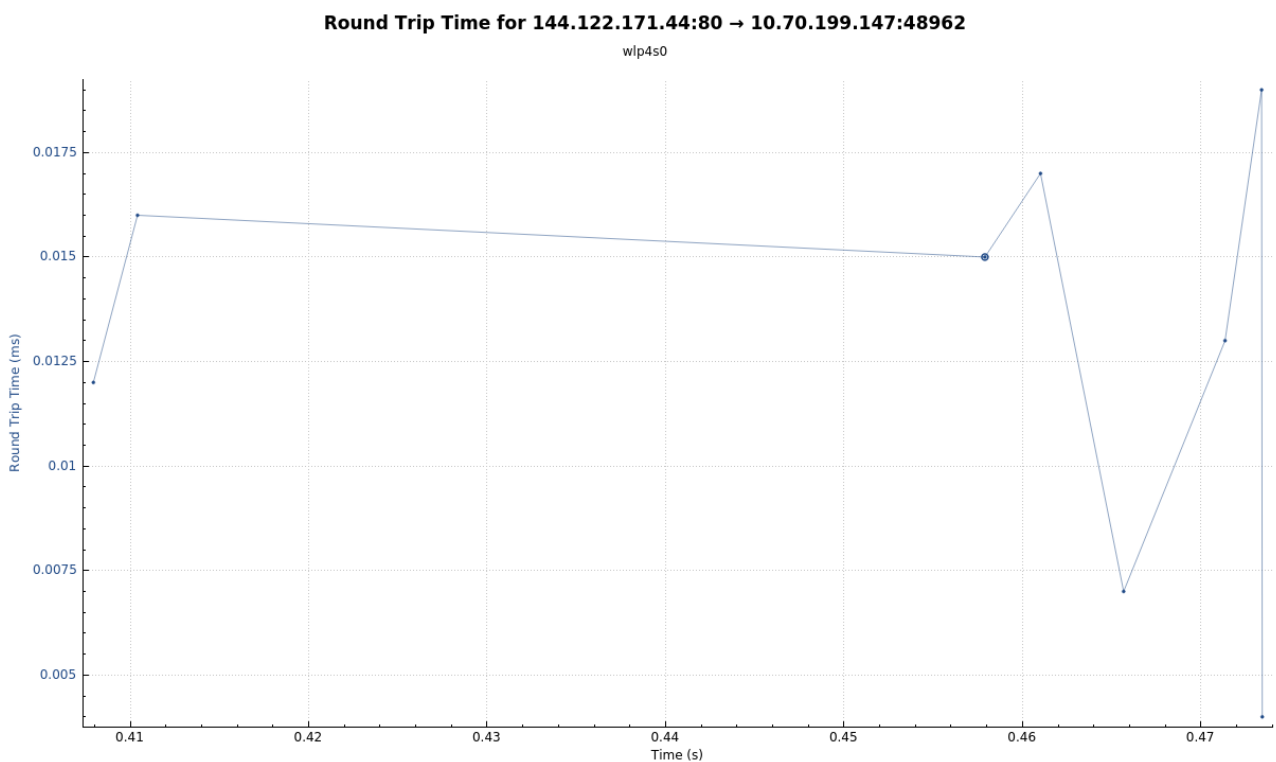
Sending time of the 26. Packet = 2.535004822

Receiving time of the 40. Packet = 2.550528237

Total time of image receiving request = Receiving time – Sending time

Total = 2.550528237 – 2.535004822 = 0,015523415 second

Graph : Round-Trip Time vs Time



Answer 4:

No. There wasn't any retransmission attempt while requesting the web page. After three-way handshake is done, color of the all the TCP packets are green until the last ACK packet is received.