1. My local computer IP address is 192.168.1.45
2. The 3 packets of three-way handshake connection are 21, 22, 23.

SYN flag is on in packet 21, client’s ACK is on in packet 22. ACK is on in packet 23 of server side.

1. Packet 49 50 51 shows TCP retransmit the packet containing “Name Alica”, it has been resent for 3 times because the client didn’t receive it, without responding ACK.

And it received 3 dup ack during packets 75 77 79, it’s a fast retransmission.

1. The first RTO is 1.014085 seconds, the second RTO is 2.015603 seconds, the third RTO is 4.012977 seconds. It grows exponentially.
2. Data: 0d0a, 2 bytes. Length: 2

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1. Packet 226 shows the FIN flag set to 1 is from remote host to local computer.
2. Yes. It has a payload. Data: 0d0a, Length: 2.
3. Packet 229.
4. The client set a RESET to remote host. In 234 packet, TCP flag Reset is set to 1.
5. The packets involved in TCP connection is packet 3 4 5.

But I didn’t find the 4-way tear down packets.