

Homework 9 Solutions

Problem 1:

Packet 1:

Syn-packet: A:55534 -> B:22
seq 3826305083, ack 0, flags: SYN

Packet 2:

Syn-ack packet: B:22 -> A:55534
seq 3879144537, ack 3826305084 flags: SYN ACK

Packet 3:

Ack packet: A:55534 -> B:22
seq 3826305084, ack 3879144538 flags: ACK

Packet 4:

First packet: A:55534 -> B:22
seq 3826305084, ack 3879144538 + 21 data, flags: ACK

Packet 5:

B:22 -> A:55534
seq 3879144538, ack 3826305105 + 0 data, flags: ACK

Packet 6:

B:22 -> A:55534
seq 3879144538 ack 3826305105 + 21 data, flags: ACK

Packet 7:

A:55534 -> B:22
seq 3826305105, ack 3879144559 + 0 data, flags: ACK

Packet 8:

A:55534 -> B:22
seq 3826305105, ack 3879144559 + 1368 data, flags: ACK

Packet 9:

B:22 -> A:55534
seq 3879144559, ack 3826305105 + 784 data, flags: ACK

Packet 10

A:55534 -> B:22
seq 3826306473, ack 3879145343 + 0 data, flags: ACK

Packet 11

B:22 -> A:55534
seq 3879145343, ack 3826306473 + 0 data, flags: ACK

Packet 12:

A:55534 -> B:22
seq 3826306473, ack 3879145343 + 48 data, flags: ACK

140: Tenth packet: B:22 -> A:55534
seq 3879145343, ack 3826306521 + 0 data, flags: ACK