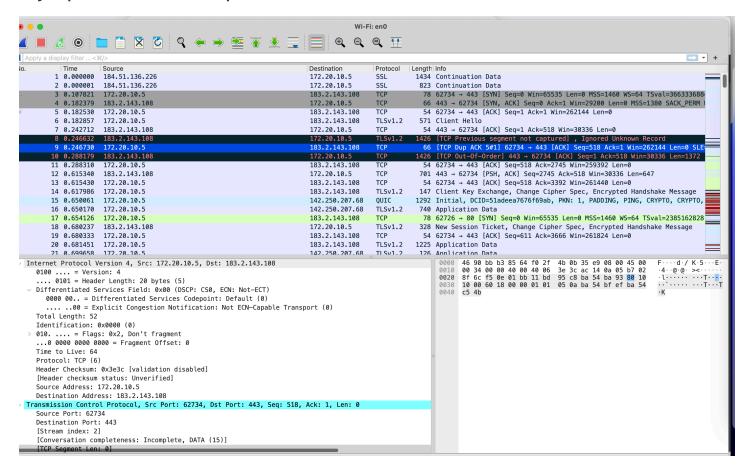
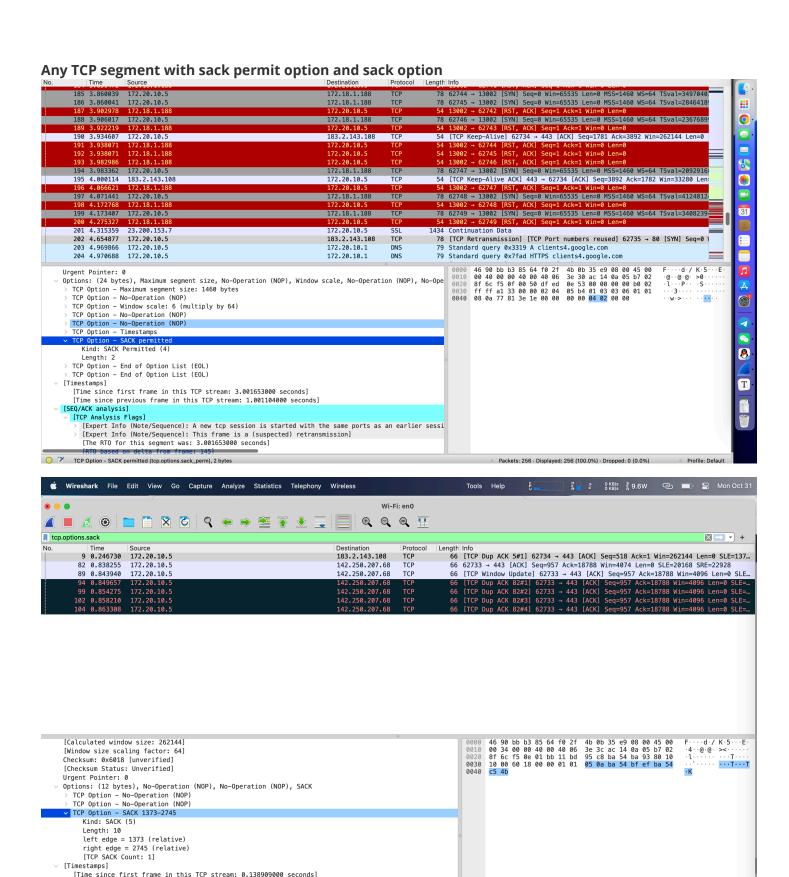
## Any duplicate ack, what's the possible reason?





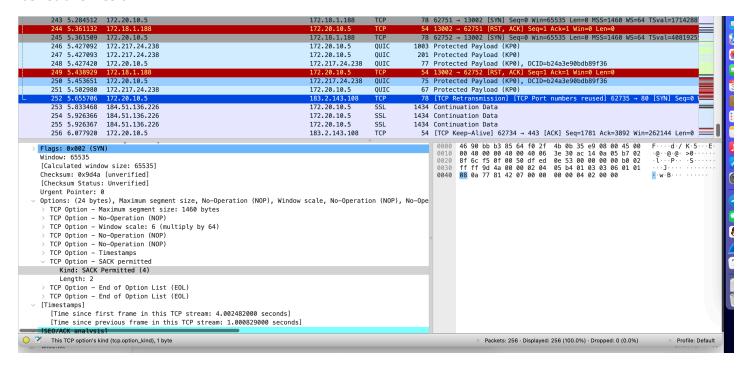
find the segment ranges which is acked in this sack option?

[Time since previous frame in this TCP stream: 0.000098000 seconds]

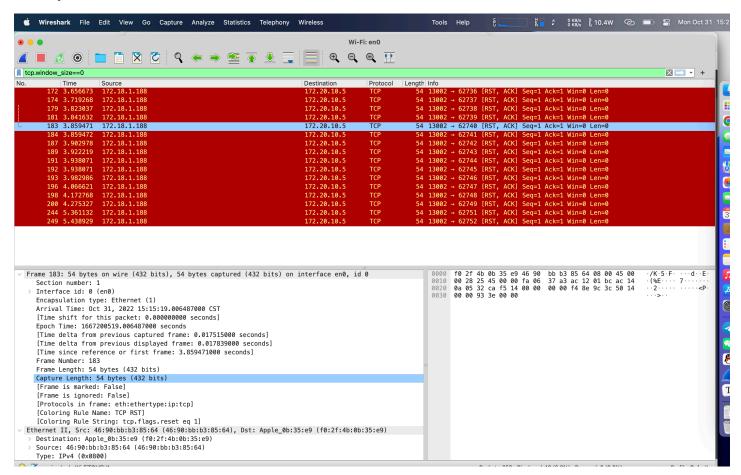
[SEQ/ACK analysis]

## Any TCP retransmission? Is it retransmission or fast retransmission?

it's retransmission



Any window size 0 segment, what does it mean? If the window size is 0, what would happened next on this tcp connection?



what does it mean?

接受者的windows为0

发送者会检查与接受者的连接是否还存在,并告诉接受者继续连接

Any TCP window full segment, what does it mean?

没有full segment ,代表发送者发送的数据达到了接受者窗口的上限