

# NETWORK PACKET ANALYSIS

“Using WireShark”

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	127.0.0.1	127.0.0.1	TCP	74	38664 → 1111 [SYN] Seq=0 Win=43690 Len=0 MSS=65495 SACK_PERM=1 TSval=858280 TSecr=...
2	0.000012121	127.0.0.1	127.0.0.1	TCP	74	1111 → 38664 [SYN, ACK] Seq=0 Ack=1 Win=43690 Len=0 MSS=65495 SACK_PERM=1 TSval=...
3	0.000020774	127.0.0.1	127.0.0.1	TCP	66	38664 → 1111 [ACK] Seq=1 Ack=1 Win=43776 Len=0 TSval=858280 TSecr=858280
4	0.000479478	127.0.0.1	127.0.0.1	TLSv1.2	371	Client Hello
5	0.000491919	127.0.0.1	127.0.0.1	TCP	66	1111 → 38664 [ACK] Seq=1 Ack=306 Win=44800 Len=0 TSval=858280 TSecr=858280
6	0.001046437	127.0.0.1	127.0.0.1	TLSv1.2	1166	Server Hello, Certificate, Server Key Exchange, Server Hello Done
7	0.001050150	127.0.0.1	127.0.0.1	TCP	66	38664 → 1111 [ACK] Seq=306 Ack=1101 Win=45952 Len=0 TSval=858280 TSecr=858280
8	0.001465342	127.0.0.1	127.0.0.1	TLSv1.2	192	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message
9	0.001678704	127.0.0.1	127.0.0.1	TLSv1.2	292	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message
10	0.001897014	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
11	0.038796767	127.0.0.1	127.0.0.1	TCP	66	1111 → 38664 [ACK] Seq=1327 Ack=473 Win=44800 Len=0 TSval=858290 TSecr=858280
12	1.002437029	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
13	1.044052422	127.0.0.1	127.0.0.1	TCP	66	38664 → 1111 [ACK] Seq=473 Ack=1368 Win=48128 Len=0 TSval=858541 TSecr=858531
14	5.002829120	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
15	5.002861293	127.0.0.1	127.0.0.1	TCP	66	1111 → 38664 [ACK] Seq=1368 Ack=514 Win=44800 Len=0 TSval=859531 TSecr=859531
16	6.003865419	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
17	6.003876414	127.0.0.1	127.0.0.1	TCP	66	38664 → 1111 [ACK] Seq=514 Ack=1409 Win=48128 Len=0 TSval=859781 TSecr=859781
18	10.003074194	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
19	10.003114912	127.0.0.1	127.0.0.1	TCP	66	1111 → 38664 [ACK] Seq=1409 Ack=555 Win=44800 Len=0 TSval=860781 TSecr=860781
20	11.004201093	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
21	11.004213659	127.0.0.1	127.0.0.1	TCP	66	38664 → 1111 [ACK] Seq=555 Ack=1450 Win=48128 Len=0 TSval=861031 TSecr=861031
22	15.004155164	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
23	15.004194872	127.0.0.1	127.0.0.1	TCP	66	1111 → 38664 [ACK] Seq=1450 Ack=596 Win=44800 Len=0 TSval=862031 TSecr=862031
24	16.004454115	127.0.0.1	127.0.0.1	TLSv1.2	107	Application Data
25	16.004464233	127.0.0.1	127.0.0.1	TCP	66	38664 → 1111 [ACK] Seq=596 Ack=1491 Win=48128 Len=0 TSval=862281 TSecr=862281

26	20.004541920	127.0.0.1	127.0.0.1	TLSv1.2	107 Application Data	
27	20.004574707	127.0.0.1	127.0.0.1	TCP	66 1111 → 38664 [ACK] Seq=1491 Ack=637 Win=44800 Len=0 TSval=863281 TSecr=863281	
28	21.005554691	127.0.0.1	127.0.0.1	TLSv1.2	107 Application Data	
29	21.005564989	127.0.0.1	127.0.0.1	TCP	66 38664 → 1111 [ACK] Seq=637 Ack=1532 Win=48128 Len=0 TSval=863531 TSecr=863531	
30	21.005608984	127.0.0.1	127.0.0.1	TCP	66 1111 → 38664 [FIN, ACK] Seq=1532 Ack=637 Win=44800 Len=0 TSval=863531 TSecr=8635...	
31	21.042409655	127.0.0.1	127.0.0.1	TCP	66 38664 → 1111 [ACK] Seq=637 Ack=1533 Win=48128 Len=0 TSval=863541 TSecr=863531	
32	25.005707713	127.0.0.1	127.0.0.1	TCP	66 38664 → 1111 [FIN, ACK] Seq=637 Ack=1533 Win=48128 Len=0 TSval=864532 TSecr=8635...	
33	25.005725908	127.0.0.1	127.0.0.1	TCP	66 1111 → 38664 [ACK] Seq=1533 Ack=638 Win=44800 Len=0 TSval=864532 TSecr=864532	