

1	0.000000	127.0.0.1	127.0.0.1	TCP	74 35340 → 1337 [SYN] Seq=0 Win=65495 Len=0 MSS=65495 SACK_PERM Tsva
2	0.000008	127.0.0.1	127.0.0.1	TCP	74 1337 → 35340 [SYN, ACK] Seq=0 Ack=1 Win=65483 Len=0 MSS=65495 SACK_PERM Tsva
3	0.000016	127.0.0.1	127.0.0.1	TCP	66 35340 → 1337 [ACK] Seq=1 Ack=1 Win=65536 Len=0 Tsva
4	0.000099	127.0.0.1	127.0.0.1	TCP	90 1337 → 35340 [PSH, ACK] Seq=1 Ack=1 Win=65536 Len=24 Tsva
5	0.000109	127.0.0.1	127.0.0.1	TCP	66 35340 → 1337 [ACK] Seq=1 Ack=25 Win=65536 Len=0 Tsva

These are the packets being exchanged during the connection process.

Packet 1: client is requesting a connection (SYN).

Packet 2: The server acknowledges the clients request (ACK), and send it's own connection request (SYN).

Packet 3: The client acknowledges the servers (ACK).

Packet 4: Server send a welcome message (length 24).

Packet 5: Client acknowledges the server's welcome message (ACK).

12	67.331521	127.0.0.1	127.0.0.1	TCP	75 35340 → 1337 [PSH, ACK] Seq=33 Ack=52 Win=65536 Len=9 Tsva
13	67.332053	127.0.0.1	127.0.0.1	TCP	81 1337 → 35340 [PSH, ACK] Seq=52 Ack=42 Win=65536 Len=15 Tsva
14	67.332060	127.0.0.1	127.0.0.1	TCP	66 35340 → 1337 [ACK] Seq=42 Ack=67 Win=65536 Len=0 Tsva

This is the communication between server and client when sending the lcm command.

Packet 12: Client sends “lcm: 3 4” (length 9).

Packet 13: Server acknowledges and sends a response (PSH, ACK, length 15).

Packet 14: Client acknowledges the server response (ACK).