**Wireshark Evaluation**

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| --- | --- | --- | --- | --- |
| Expression/Implementation | 1+1 | 5+5 | 20+20 | 50+50 |
| Overall delay (TCP), s | 3.47 | 3.79 | 3.54 | 9.8 |
| Overall delay (UDP), s | 0.05 | 0.01 | 0.02 | 0.15 |
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| Expression/Implementation | 1+1 | 5+5 | 20+20 | 50+50 |
| Achieved throughput (TCP), bps | 228.8184438 | 249.8680739 | 321.7514124 | 298.3673469 |
| Achieved throughput (UDP), bps | 5160 | 62100 | 51050 | 15040 |

The filter “ip.addr==169.226.22.5” was used for the above calculation.

In the middle two expression udp speed is dropping down.

I think it is because of retransmission in the link.

In these programs, server is always on and client will be run for once and after it’ll exit.