

Bonus part - measurements

TCP

Iperf -s

```
[ ID] Interval            Transfer      Bandwidth
[  5]  0.00-1.00    sec  1.57 MBytes  13.2 Mbits/sec
[  5]  1.00-2.00    sec  1.97 MBytes  16.5 Mbits/sec
[  5]  2.00-3.00    sec  2.46 MBytes  20.6 Mbits/sec
[  5]  3.00-4.00    sec  1.28 MBytes  10.7 Mbits/sec
[  5]  4.00-5.00    sec  1.32 MBytes  11.0 Mbits/sec
[  5]  5.00-6.00    sec  2.32 MBytes  19.5 Mbits/sec
[  5]  6.00-7.00    sec  2.60 MBytes  21.8 Mbits/sec
[  5]  7.00-8.00    sec  2.03 MBytes  17.0 Mbits/sec
[  5]  8.00-9.00    sec  2.85 MBytes  23.9 Mbits/sec
[  5]  9.00-10.00   sec  2.64 MBytes  22.1 Mbits/sec
[  5] 10.00-10.52   sec  2.11 MBytes  33.8 Mbits/sec
- - - - -
[ ID] Interval            Transfer      Bandwidth
[  5]  0.00-10.52   sec  0.00 Bytes   0.00 bits/sec
[  5]  0.00-10.52   sec  23.1 MBytes  18.4 Mbits/sec
```

sender
receiver

Iperf -c

```
[ ID] Interval            Transfer      Bandwidth
[  4]  0.00-1.01    sec  3.97 MBytes  33.2 Mbits/sec
[  4]  1.01-2.00    sec  1.80 MBytes  15.1 Mbits/sec
[  4]  2.00-3.01    sec  2.79 MBytes  23.4 Mbits/sec
[  4]  3.01-4.01    sec   923 KBytes  7.56 Mbits/sec
[  4]  4.01-5.00    sec  1.02 MBytes  8.56 Mbits/sec
[  4]  5.00-6.01    sec  2.50 MBytes  20.9 Mbits/sec
[  4]  6.01-7.01    sec  2.81 MBytes  23.5 Mbits/sec
[  4]  7.01-8.00    sec  1.82 MBytes  15.3 Mbits/sec
[  4]  8.00-9.00    sec  2.76 MBytes  23.1 Mbits/sec
[  4]  9.00-10.00   sec  2.77 MBytes  23.2 Mbits/sec
- - - - -
[ ID] Interval            Transfer      Bandwidth
[  4]  0.00-10.00   sec  23.1 MBytes  19.4 Mbits/sec
```

sender

```
[ 4] 0.00-10.00 sec 23.1 MBytes 19.4 Mbits/sec receiver
iperf Done.
```

UDP

Iperf -s

```
[ ID] Interval            Transfer      Bandwidth      Jitter      Lost/Total
Datagrams
[ 5] 0.00-1.00    sec    112 KBytes    913 Kbits/sec  5.782 ms    0/14 (0%)
[ 5] 1.00-2.00    sec    128 KBytes    1.05 Mbits/sec  5.591 ms    0/16 (0%)
[ 5] 2.00-3.00    sec    120 KBytes    983 Kbits/sec  3.659 ms    0/15 (0%)
[ 5] 3.00-4.00    sec    112 KBytes    920 Kbits/sec  2.894 ms    0/14 (0%)
[ 5] 4.00-5.00    sec    128 KBytes    1.05 Mbits/sec  6.360 ms    0/16 (0%)
[ 5] 5.00-6.00    sec    128 KBytes    1.05 Mbits/sec  5.305 ms    0/16 (0%)
[ 5] 6.00-7.00    sec    120 KBytes    979 Kbits/sec  3.943 ms    0/15 (0%)
[ 5] 7.00-8.00    sec    120 KBytes    983 Kbits/sec  2.314 ms    0/15 (0%)
[ 5] 8.00-9.01    sec    120 KBytes    983 Kbits/sec  2.054 ms    0/15 (0%)
[ 5] 9.01-10.00   sec    128 KBytes    1.05 Mbits/sec  1.621 ms    0/16 (0%)
[ 5] 10.00-10.05  sec     0.00 Bytes    0.00 bits/sec  1.621 ms    0/0 (0%)
- - - - -
[ ID] Interval            Transfer      Bandwidth      Jitter      Lost/Total
Datagrams
[ 5] 0.00-10.05   sec     0.00 Bytes    0.00 bits/sec  1.621 ms    0/152 (0%)
```

Iperf -c ... -u -b 1M

```
[ ID] Interval            Transfer      Bandwidth      Total Datagrams
[ 4] 0.00-1.00    sec    112 KBytes    915 Kbits/sec    14
[ 4] 1.00-2.01    sec    128 KBytes    1.05 Mbits/sec    16
[ 4] 2.01-3.00    sec    120 KBytes    985 Kbits/sec    15
[ 4] 3.00-4.00    sec    120 KBytes    983 Kbits/sec    15
[ 4] 4.00-5.00    sec    120 KBytes    983 Kbits/sec    15
[ 4] 5.00-6.00    sec    128 KBytes    1.05 Mbits/sec    16
[ 4] 6.00-7.00    sec    120 KBytes    983 Kbits/sec    15
[ 4] 7.00-8.00    sec    120 KBytes    983 Kbits/sec    15
[ 4] 8.00-9.00    sec    120 KBytes    983 Kbits/sec    15
[ 4] 9.00-10.00   sec    128 KBytes    1.05 Mbits/sec    16
- - - - -
```

[ID]	Interval		Transfer	Bandwidth	Jitter	Lost/Total
						Datagrams
[4]	0.00-10.00	sec	1.19 MBytes	996 Kbits/sec	1.621 ms	0/152 (0%)
[4]	Sent 152 datagrams					

iperf Done.