TCP sliding window implementation assessment

1. Single-flow latency

Flow size (bytes)	Flow time (sec)	Throughput (Mbps)	Latency (ms)
64	0.001	0.48	1.070
128	0.001	0.99	1.036
256	0.001	1.97	1.040
512	0.001	3.95	1.037
1K	0.001	7.72	1.037
2K	0.001	15.36	0.521
4K	0.001	661.18	0.016
8K	0.001	1413.74	0.008
16K	0.001	3405.07	0.003

2. Single-flow bandwidth

Flow size (bytes)	Flow time (sec)	Throughput (Mbps)	Latency (ms)
1GB	0.915	9385.94	0.001
2GB	1.834	9367.01	0.001
4GB	2.738	9412.78	0.001
8GB	7.305	9407.16	0.001
16GB	14.591	9419.52	0.001
32GB	29.216	9408.48	0.001

3. Multi-flow of size 100MB bandwidth:

# Flow	Total time (sec)	Average Throughput (Mbps)	Latency (ms)
1	0.083	9641.80	0.001
2	0.187	5336.14	0.0025
3	0.257	4239.85	0.0026
4	0.343	3223.41	0.0037
5	0.428	2444.91	0.0046
6	0.512	2331.92	0.0053
7	0.597	1914.70	0.0061
8	0.682	1627.61	0.0075