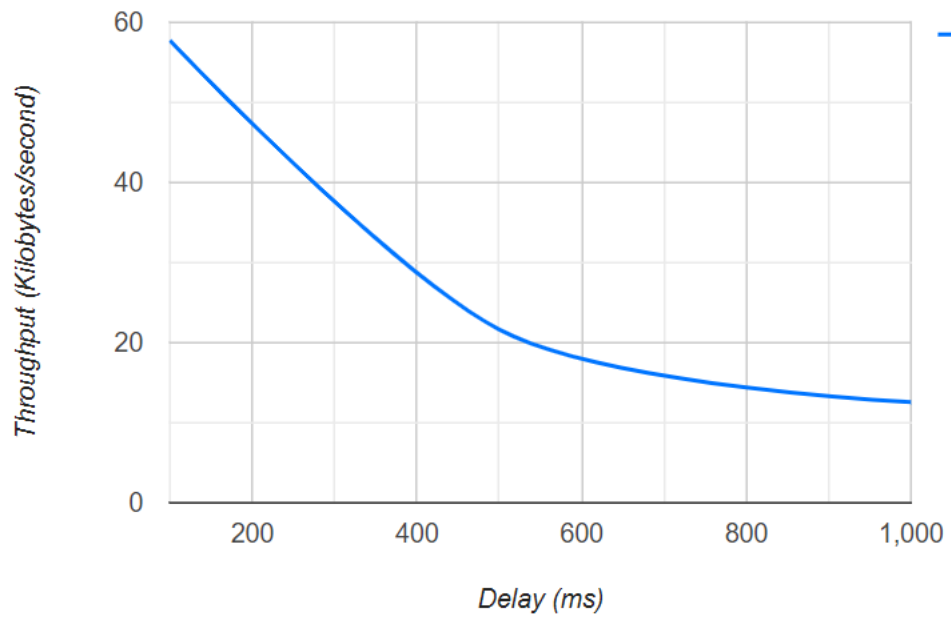
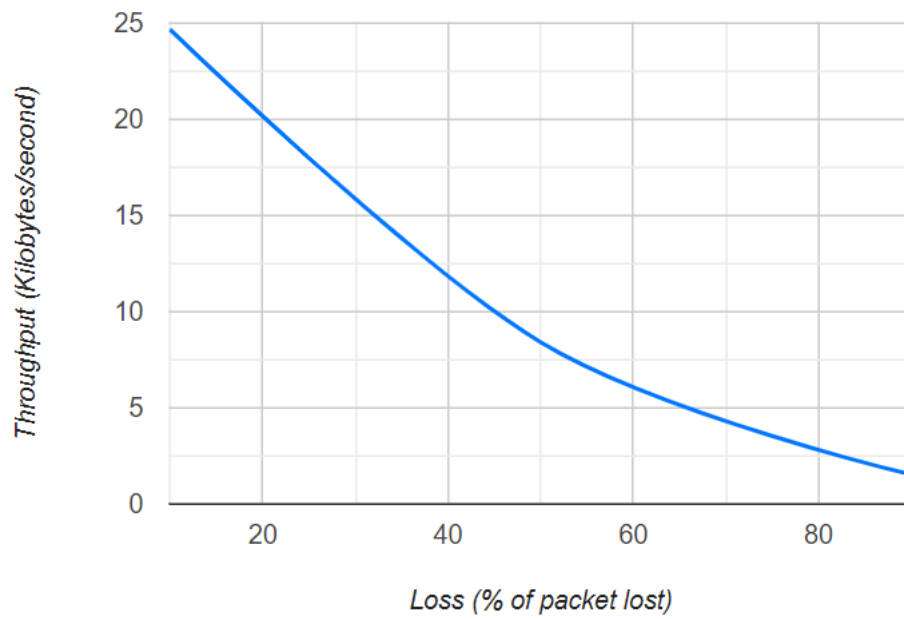
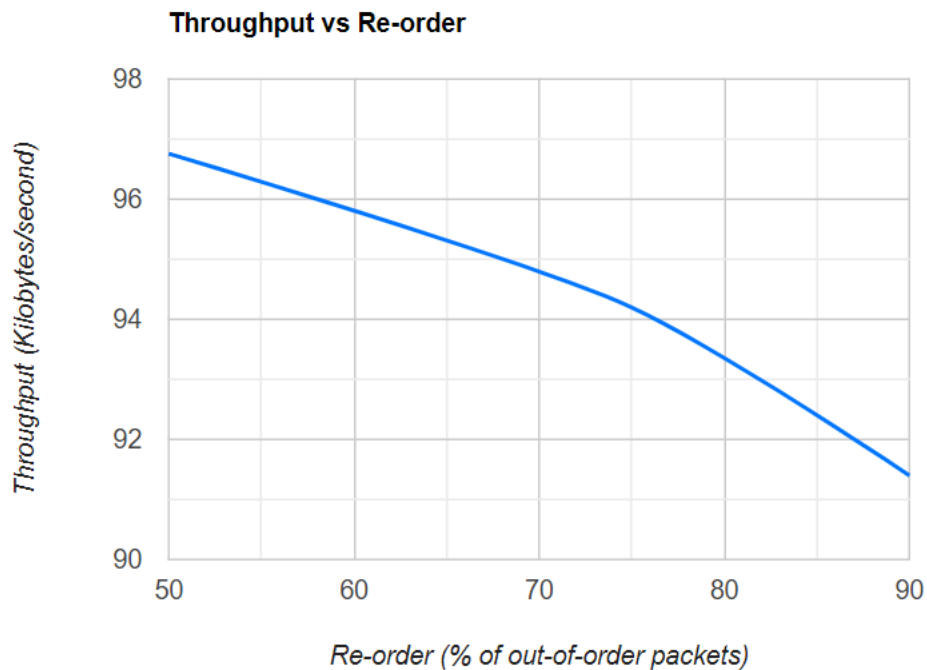


Throughput vs Delay



Throughput vs Loss





Commands used to simulate adverse network conditions:

- Delay:
 - `tc qdisc add dev lo root netem delay 100ms`
 - `tc qdisc add dev lo root netem delay 250ms`
 - `tc qdisc add dev lo root netem delay 500ms`
 - `tc qdisc add dev lo root netem delay 750ms`
 - `tc qdisc add dev lo root netem delay 1000ms`
- Loss:
 - `tc qdisc change dev lo root netem loss 10%`
 - `tc qdisc change dev lo root netem loss 30%`
 - `tc qdisc change dev lo root netem loss 50%`
 - `tc qdisc change dev lo root netem loss 70%`
 - `tc qdisc change dev lo root netem loss 90%`
- Re-order:
 - `tc qdisc change dev lo root netem delay 10ms reorder 10% 50%`
 - `tc qdisc change dev lo root netem delay 10ms reorder 15% 50%`
 - `tc qdisc change dev lo root netem delay 10ms reorder 25% 50%`
 - `tc qdisc change dev lo root netem delay 10ms reorder 35% 50%`
 - `tc qdisc change dev lo root netem delay 10ms reorder 50% 50%`

#ACHYUTA KRISHNA V - 2018A7PS0165H

#ANIRUDH G - 2018A7PS0217H

#AJITH P J - 2018A7PS0040H

#J ALVIN RONNIE - 2018A7PS0029H

#MANEESH REDDY - 2018A7PS0462H