

Pantheon Report

Generated at 2021-07-26 03:35:26 (UTC).

Data path: *(local)* → *(remote)*.

Repeated the test of 2 congestion control schemes once.

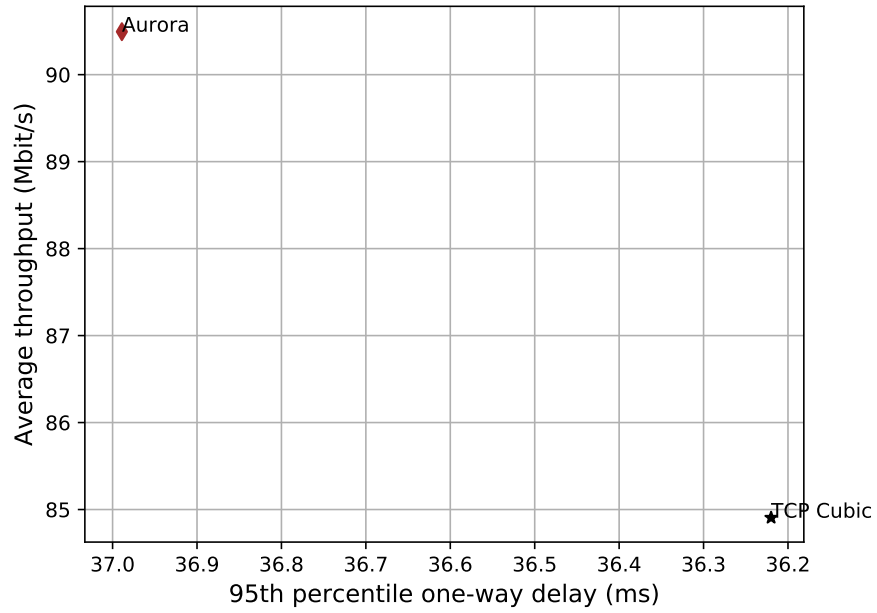
Each test lasted for 30 seconds running 1 flow.

System info:

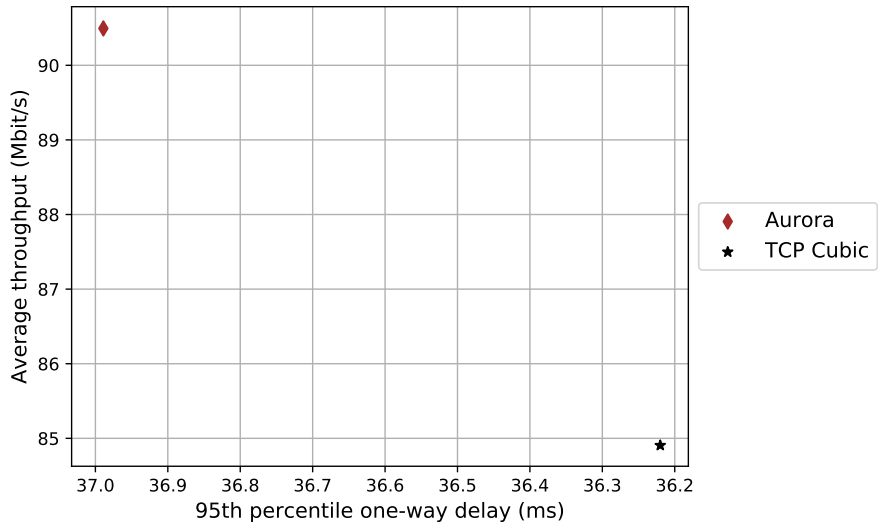
```
Linux 4.15.0-118-generic
net.core.default_qdisc = fq
net.core.rmem_default = 212992
net.core.rmem_max = 212992
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 131072 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304
```

Git summary:

test from local to remote, 1 run of 30s each per scheme
(mean of all runs by scheme)



test from local to remote, 1 run of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s)	mean 95th-%ile delay (ms)	mean loss rate (%)
		flow 1	flow 1	flow 1
TCP Cubic	1	84.91	36.22	0.63
Aurora	1	90.49	36.99	54.22

Run 1: Statistics of TCP Cubic

Start at: 2021-07-26 03:33:41

End at: 2021-07-26 03:34:11

Below is generated by plot.py at 2021-07-26 03:35:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.91 Mbit/s

95th percentile per-packet one-way delay: 36.220 ms

Loss rate: 0.63%

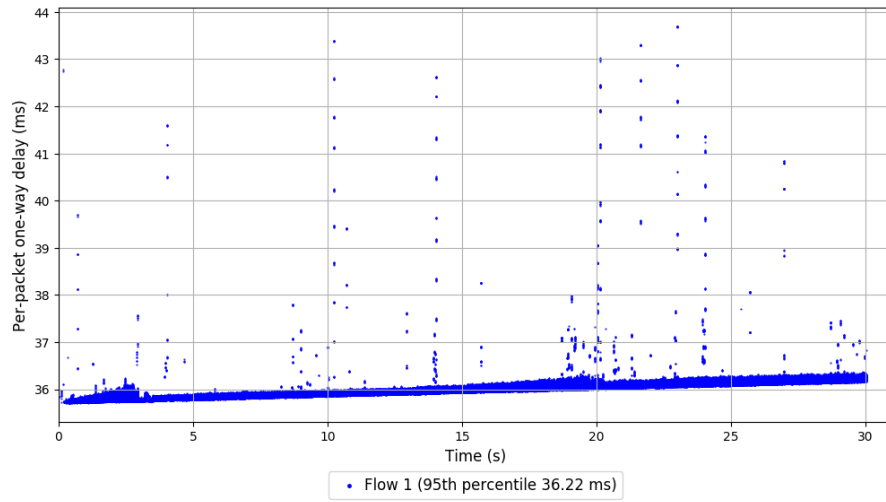
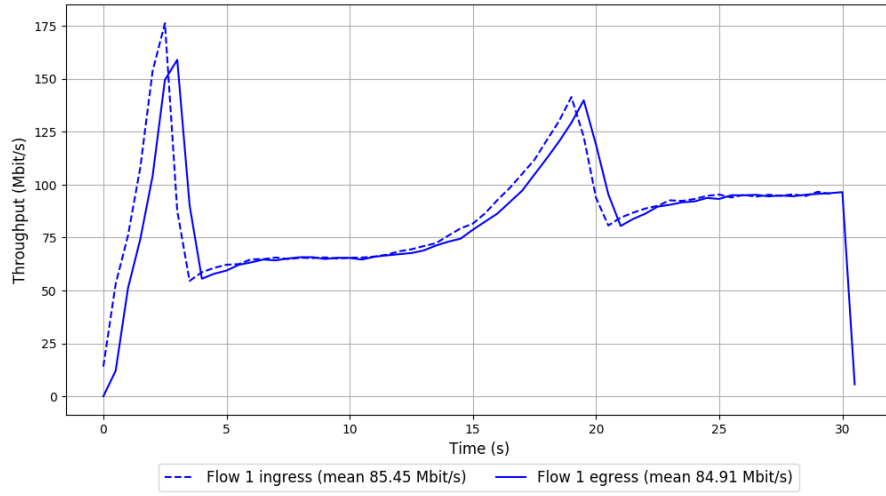
-- Flow 1:

Average throughput: 84.91 Mbit/s

95th percentile per-packet one-way delay: 36.220 ms

Loss rate: 0.63%

Run 1: Report of TCP Cubic — Data Link



Run 1: Statistics of Aurora

Start at: 2021-07-26 03:34:22

End at: 2021-07-26 03:34:52

Below is generated by plot.py at 2021-07-26 03:35:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.49 Mbit/s

95th percentile per-packet one-way delay: 36.989 ms

Loss rate: 54.22%

-- Flow 1:

Average throughput: 90.49 Mbit/s

95th percentile per-packet one-way delay: 36.989 ms

Loss rate: 54.22%

Run 1: Report of Aurora — Data Link

