

Pantheon Report

Generated at 2021-03-07 22:37:17 (UTC).

Data path: (*local*) → (*remote*).

Repeated the test of 12 congestion control schemes 3 times.

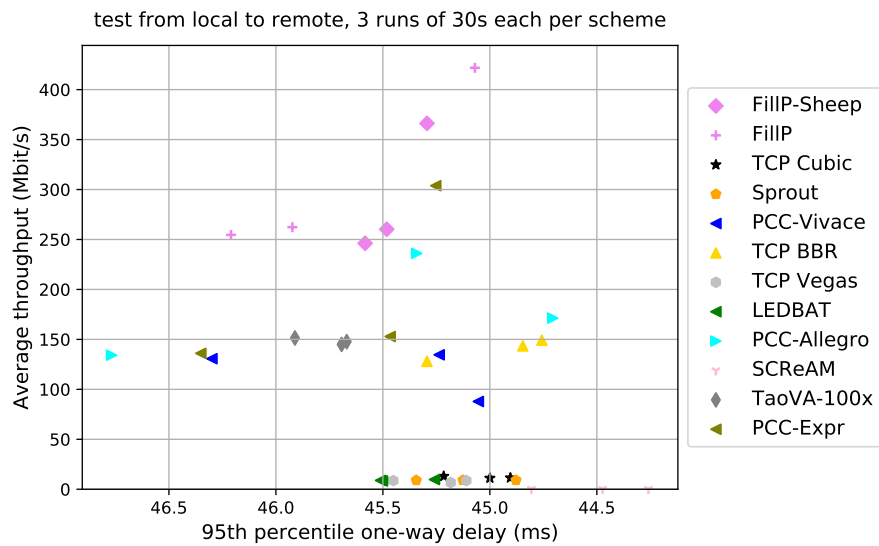
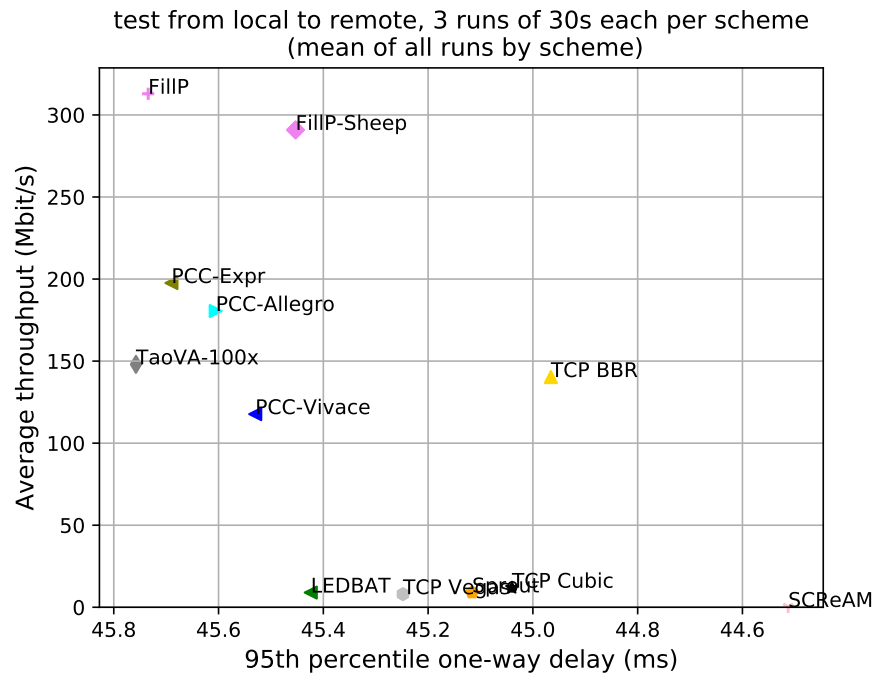
Each test lasted for 30 seconds running 1 flow.

System info:

```
Linux 5.4.0-1038-aws
net.core.default_qdisc = fq_codel
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:

```
branch: master @ f839c06afb1aea4e8dec5e2654ac939fa0d63243
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfef58e562f4
third_party/indigo @ 463d89b09699a57bfdfbae351646df6a60040b90
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	3	140.28	44.97	3.21
TCP Cubic	3	11.89	45.04	0.39
FillP	3	312.90	45.73	9.08
FillP-Sheep	3	290.87	45.45	6.79
LEDBAT	3	8.96	45.42	0.63
PCC-Allegro	3	180.53	45.61	4.39
PCC-Expr	3	197.58	45.69	4.16
SCReAM	3	0.22	44.51	0.00
Sprout	3	9.05	45.12	1.21
TaoVA-100x	3	148.03	45.76	7.16
TCP Vegas	3	7.99	45.25	0.72
PCC-Vivace	3	117.70	45.53	3.48

Run 1: Statistics of TCP BBR

Start at: 2021-03-07 22:04:19

End at: 2021-03-07 22:04:49

Below is generated by plot.py at 2021-03-07 22:28:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 143.49 Mbit/s

95th percentile per-packet one-way delay: 44.846 ms

Loss rate: 2.89%

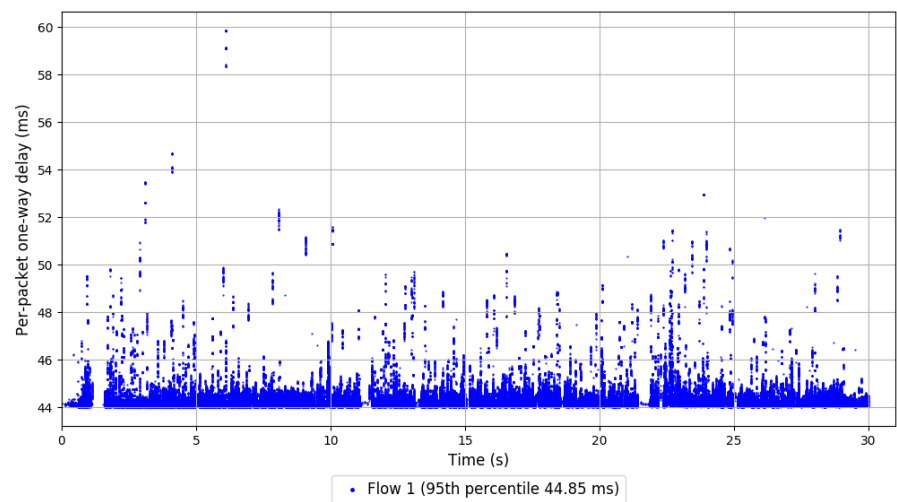
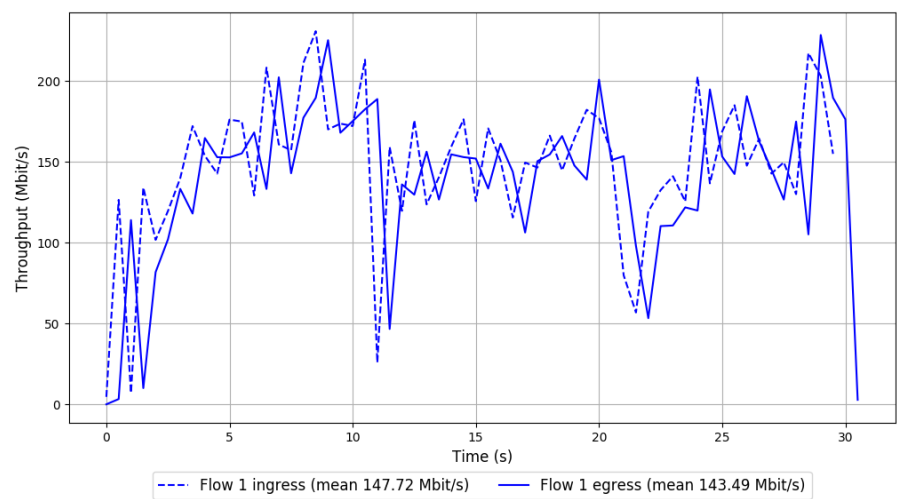
-- Flow 1:

Average throughput: 143.49 Mbit/s

95th percentile per-packet one-way delay: 44.846 ms

Loss rate: 2.89%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2021-03-07 22:13:30

End at: 2021-03-07 22:14:00

Below is generated by plot.py at 2021-03-07 22:28:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 149.27 Mbit/s

95th percentile per-packet one-way delay: 44.757 ms

Loss rate: 2.30%

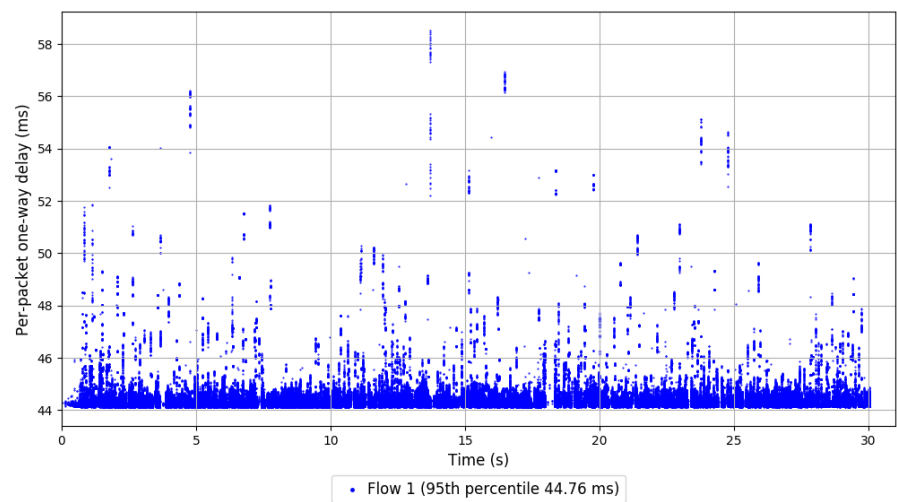
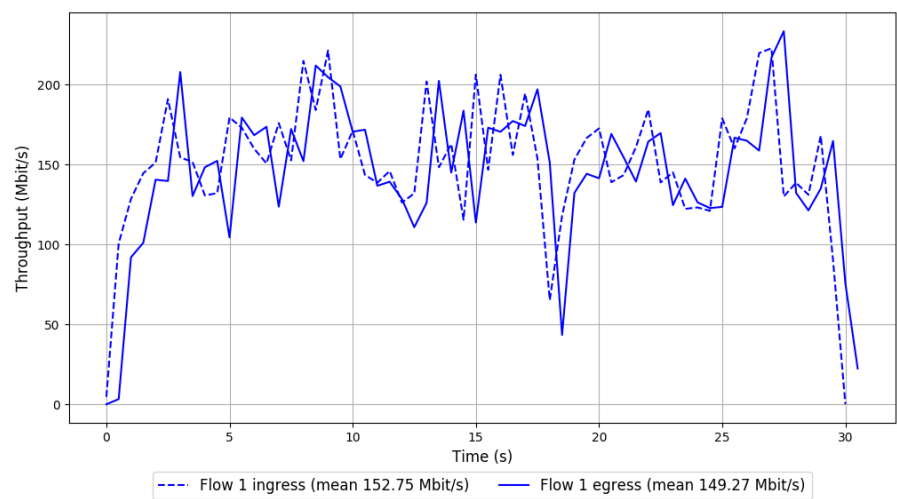
-- Flow 1:

Average throughput: 149.27 Mbit/s

95th percentile per-packet one-way delay: 44.757 ms

Loss rate: 2.30%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2021-03-07 22:22:32

End at: 2021-03-07 22:23:02

Below is generated by plot.py at 2021-03-07 22:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 128.07 Mbit/s

95th percentile per-packet one-way delay: 45.294 ms

Loss rate: 4.44%

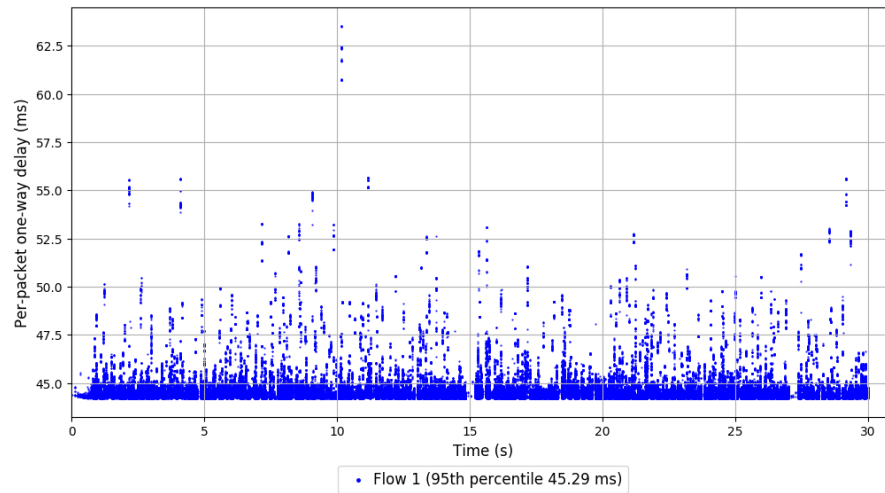
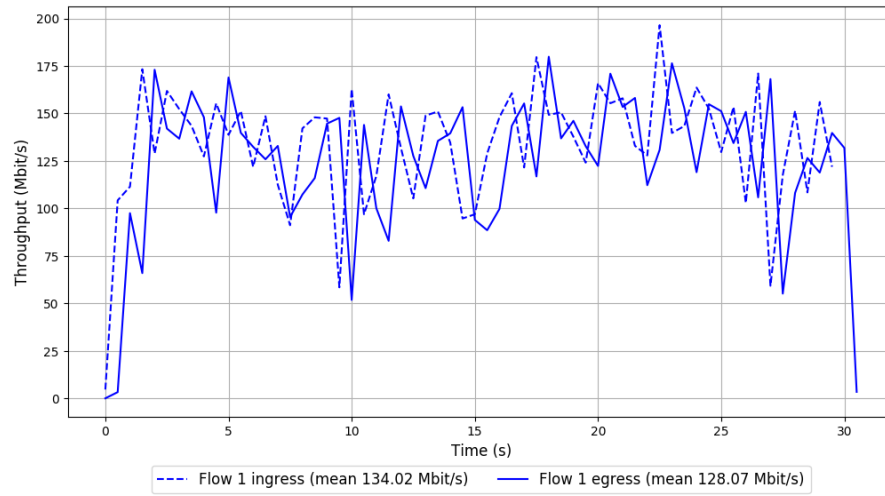
-- Flow 1:

Average throughput: 128.07 Mbit/s

95th percentile per-packet one-way delay: 45.294 ms

Loss rate: 4.44%

Run 3: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2021-03-07 22:02:10

End at: 2021-03-07 22:02:40

Below is generated by plot.py at 2021-03-07 22:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.18 Mbit/s

95th percentile per-packet one-way delay: 45.000 ms

Loss rate: 0.27%

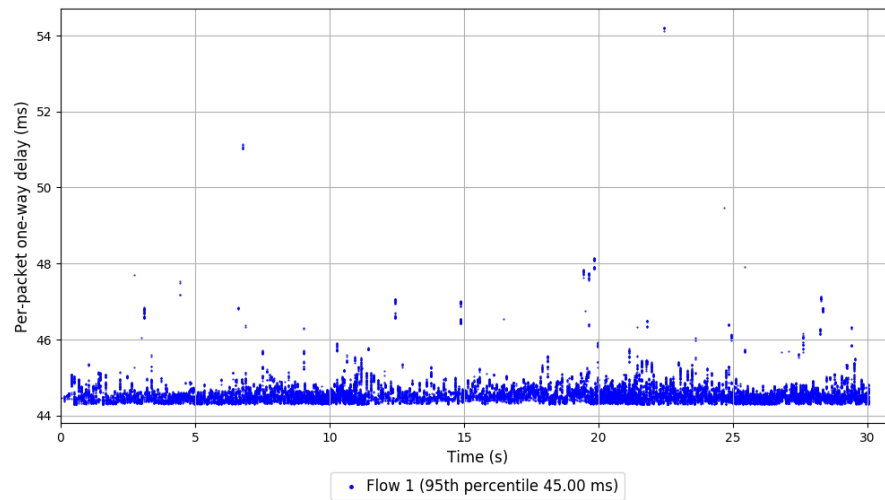
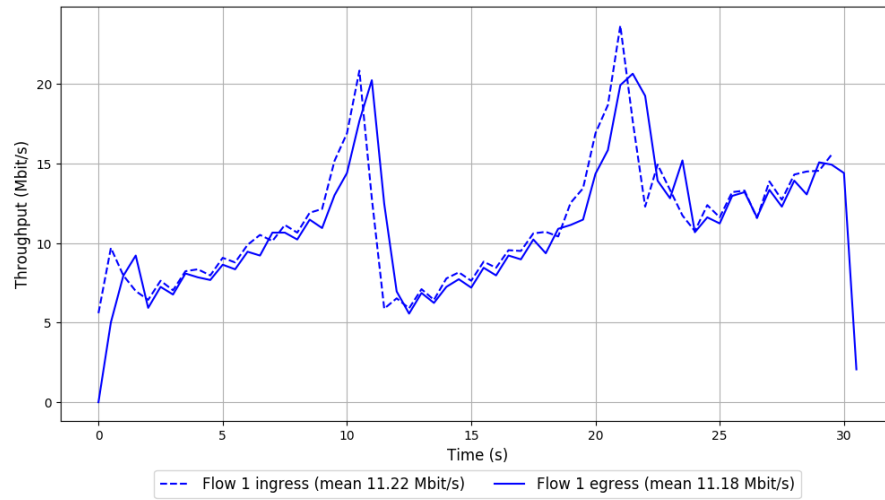
-- Flow 1:

Average throughput: 11.18 Mbit/s

95th percentile per-packet one-way delay: 45.000 ms

Loss rate: 0.27%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2021-03-07 22:11:24

End at: 2021-03-07 22:11:54

Below is generated by plot.py at 2021-03-07 22:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.44 Mbit/s

95th percentile per-packet one-way delay: 44.904 ms

Loss rate: 0.42%

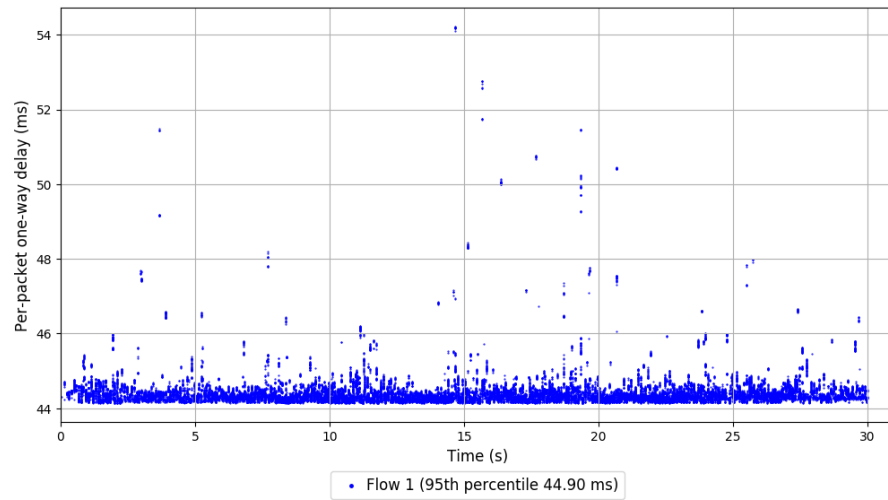
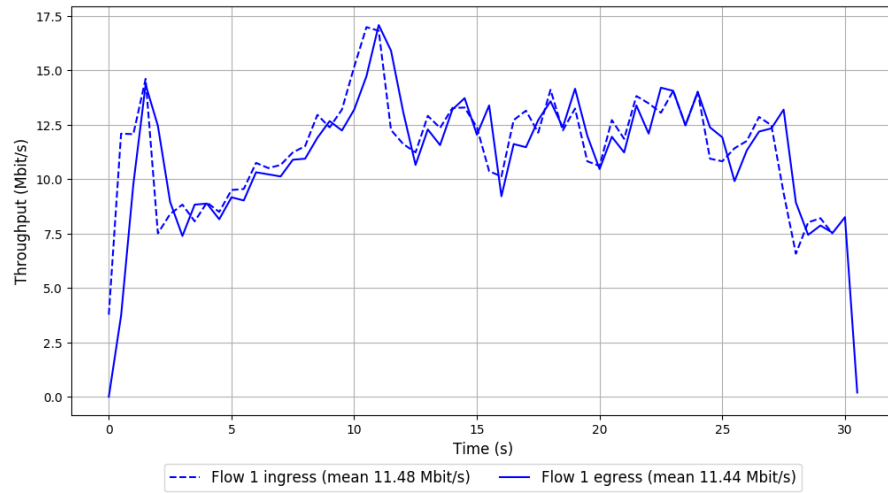
-- Flow 1:

Average throughput: 11.44 Mbit/s

95th percentile per-packet one-way delay: 44.904 ms

Loss rate: 0.42%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2021-03-07 22:20:24

End at: 2021-03-07 22:20:54

Below is generated by plot.py at 2021-03-07 22:28:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.05 Mbit/s

95th percentile per-packet one-way delay: 45.216 ms

Loss rate: 0.48%

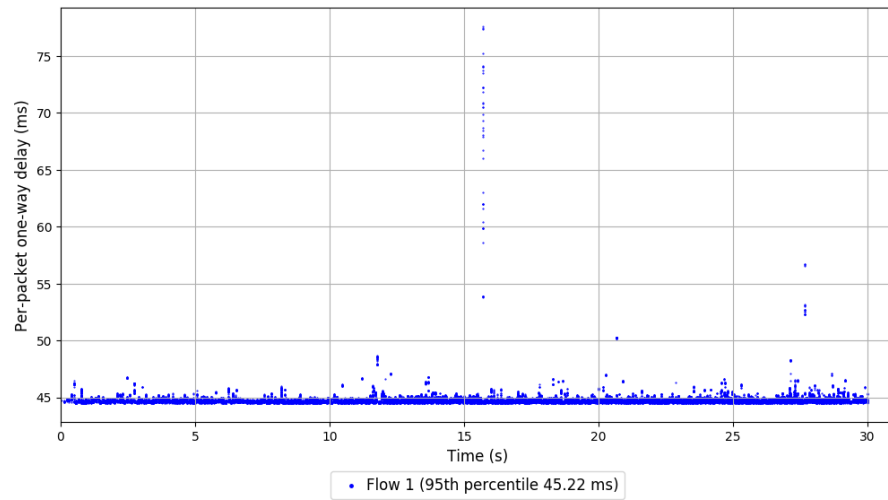
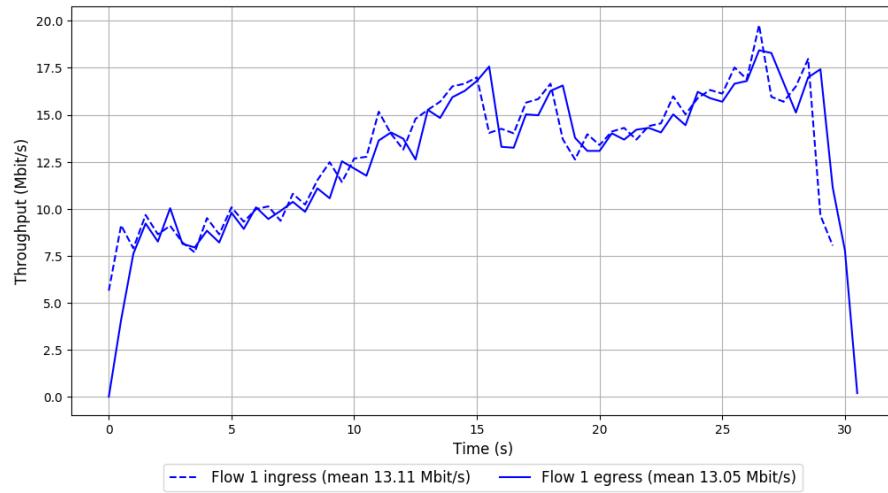
-- Flow 1:

Average throughput: 13.05 Mbit/s

95th percentile per-packet one-way delay: 45.216 ms

Loss rate: 0.48%

Run 3: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2021-03-07 22:01:15

End at: 2021-03-07 22:01:45

Below is generated by plot.py at 2021-03-07 22:30:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 421.82 Mbit/s

95th percentile per-packet one-way delay: 45.070 ms

Loss rate: 4.40%

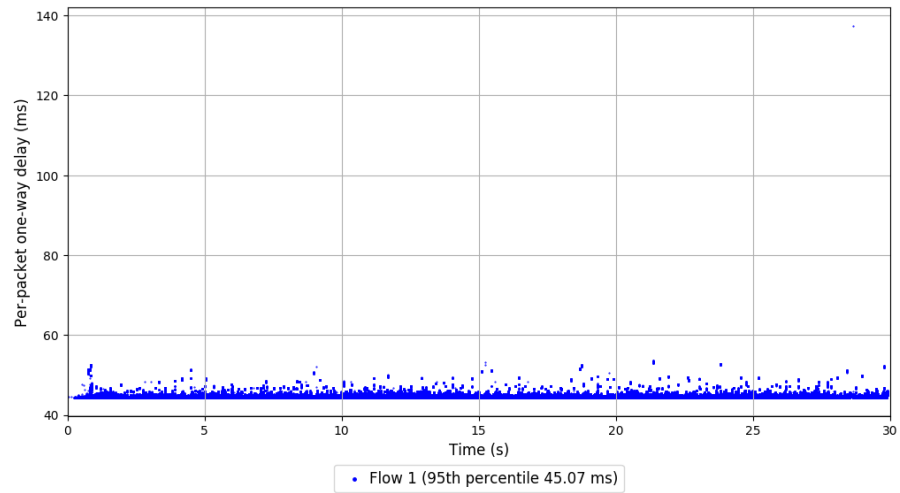
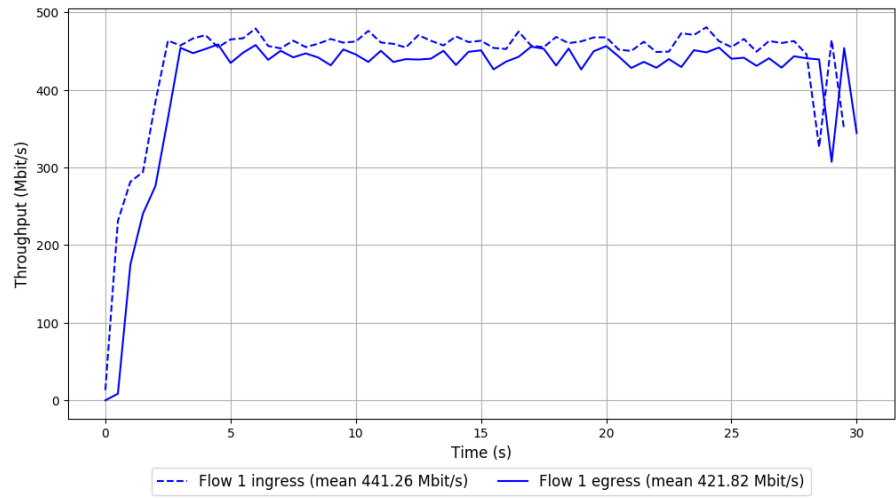
-- Flow 1:

Average throughput: 421.82 Mbit/s

95th percentile per-packet one-way delay: 45.070 ms

Loss rate: 4.40%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2021-03-07 22:10:33

End at: 2021-03-07 22:11:03

Below is generated by plot.py at 2021-03-07 22:30:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.29 Mbit/s

95th percentile per-packet one-way delay: 45.923 ms

Loss rate: 11.55%

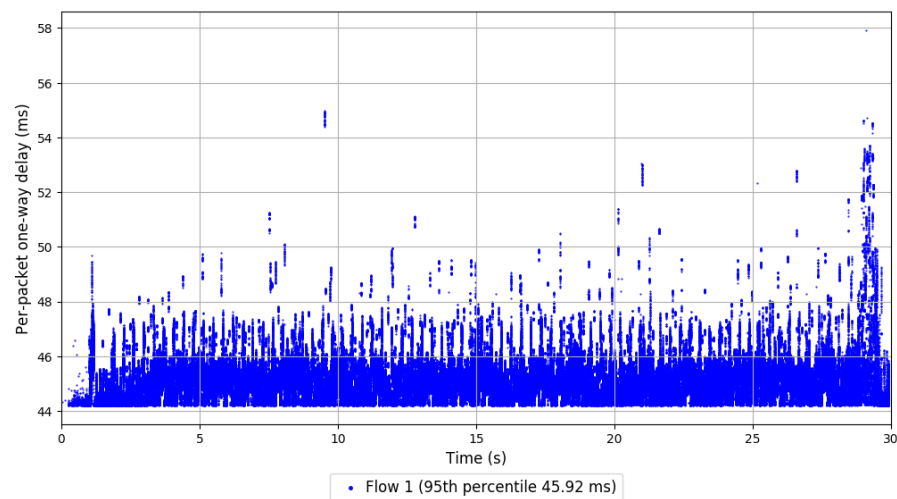
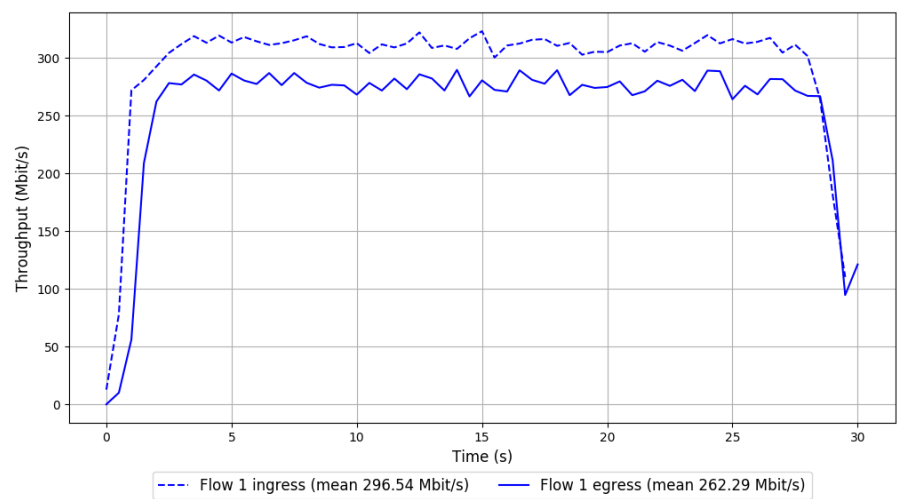
-- Flow 1:

Average throughput: 262.29 Mbit/s

95th percentile per-packet one-way delay: 45.923 ms

Loss rate: 11.55%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2021-03-07 22:19:34

End at: 2021-03-07 22:20:04

Below is generated by plot.py at 2021-03-07 22:30:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 254.58 Mbit/s

95th percentile per-packet one-way delay: 46.210 ms

Loss rate: 11.29%

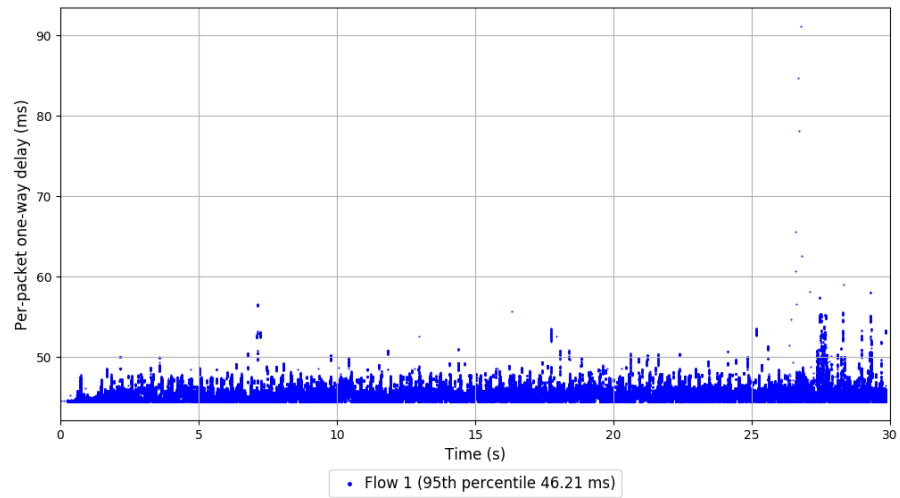
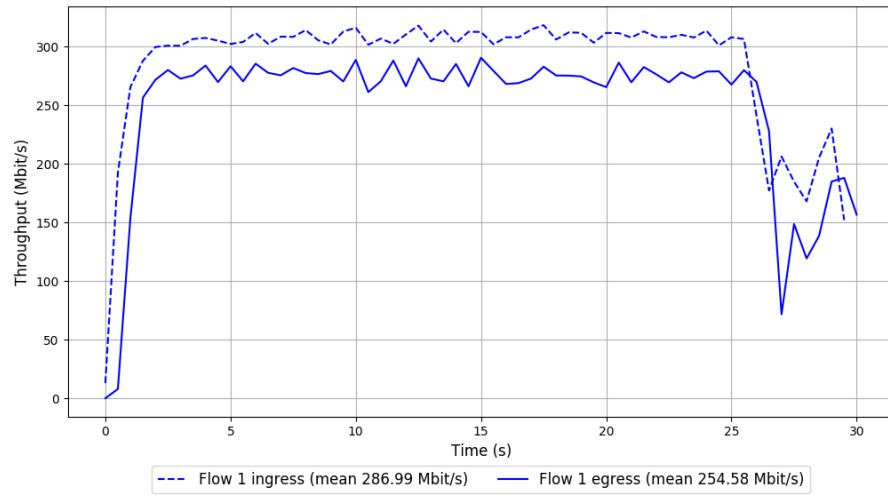
-- Flow 1:

Average throughput: 254.58 Mbit/s

95th percentile per-packet one-way delay: 46.210 ms

Loss rate: 11.29%

Run 3: Report of FillP — Data Link



Run 1: Statistics of FillP-Sheep

Start at: 2021-03-07 22:00:25

End at: 2021-03-07 22:00:55

Below is generated by plot.py at 2021-03-07 22:31:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 260.23 Mbit/s

95th percentile per-packet one-way delay: 45.482 ms

Loss rate: 5.47%

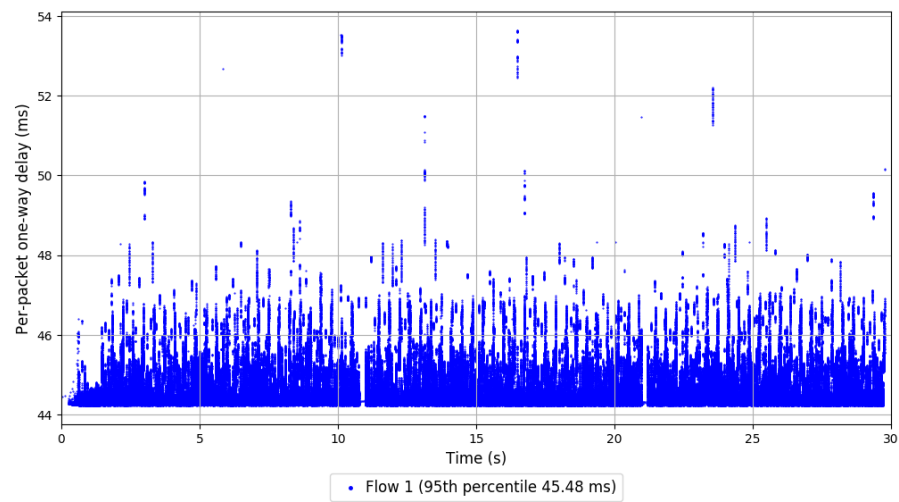
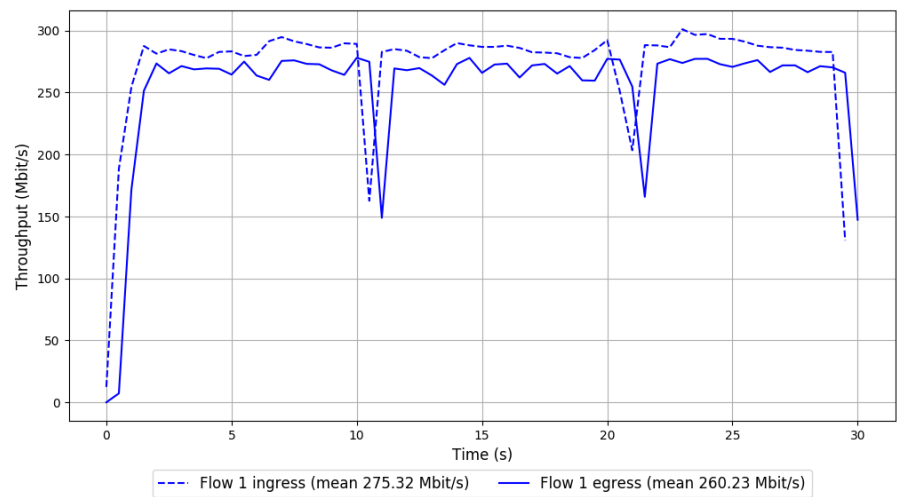
-- Flow 1:

Average throughput: 260.23 Mbit/s

95th percentile per-packet one-way delay: 45.482 ms

Loss rate: 5.47%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2021-03-07 22:09:40

End at: 2021-03-07 22:10:10

Below is generated by plot.py at 2021-03-07 22:32:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 366.20 Mbit/s

95th percentile per-packet one-way delay: 45.294 ms

Loss rate: 7.73%

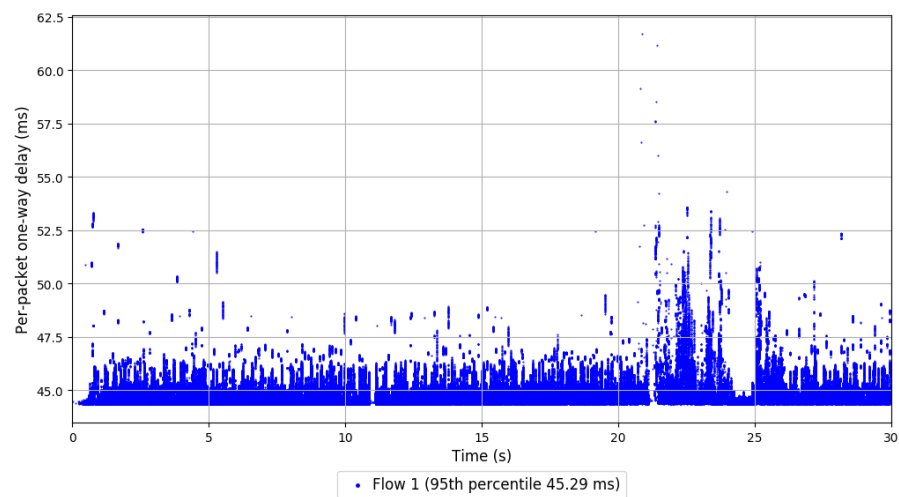
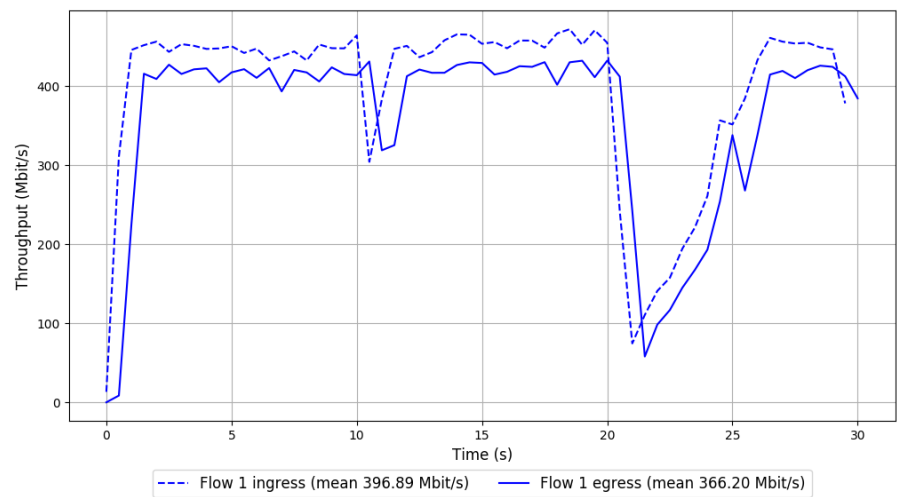
-- Flow 1:

Average throughput: 366.20 Mbit/s

95th percentile per-packet one-way delay: 45.294 ms

Loss rate: 7.73%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2021-03-07 22:18:45

End at: 2021-03-07 22:19:15

Below is generated by plot.py at 2021-03-07 22:32:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 246.19 Mbit/s

95th percentile per-packet one-way delay: 45.583 ms

Loss rate: 7.18%

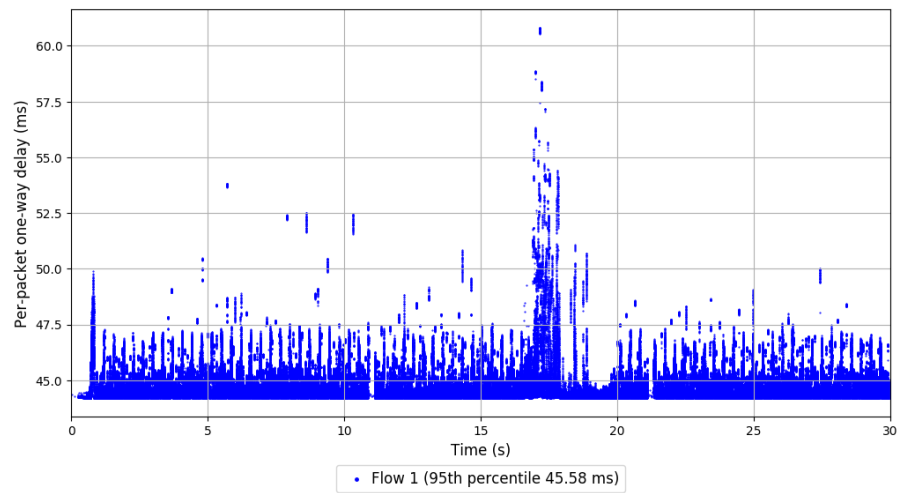
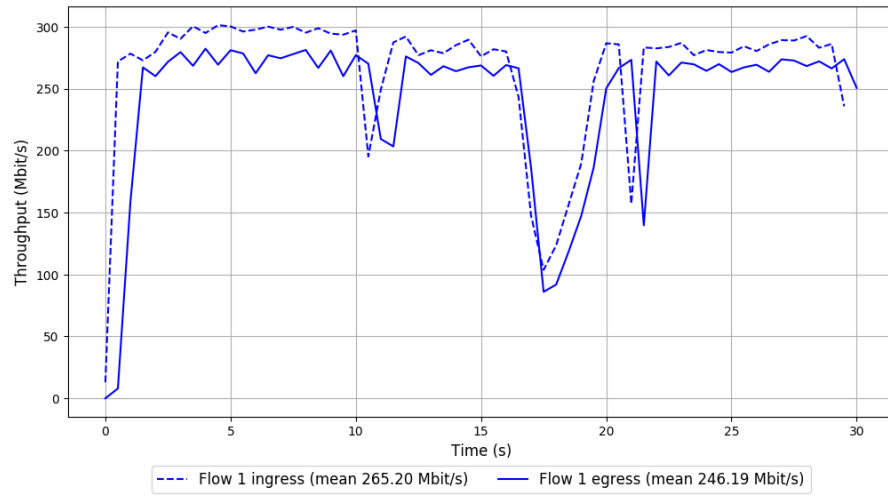
-- Flow 1:

Average throughput: 246.19 Mbit/s

95th percentile per-packet one-way delay: 45.583 ms

Loss rate: 7.18%

Run 3: Report of FillP-Sheep — Data Link



Run 1: Statistics of LEDBAT

Start at: 2021-03-07 22:05:44

End at: 2021-03-07 22:06:14

Below is generated by plot.py at 2021-03-07 22:32:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.73 Mbit/s

95th percentile per-packet one-way delay: 45.259 ms

Loss rate: 0.60%

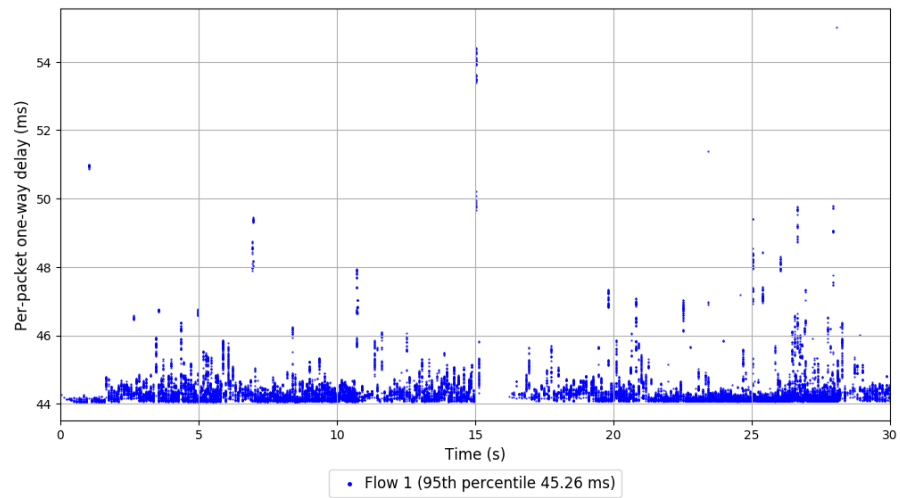
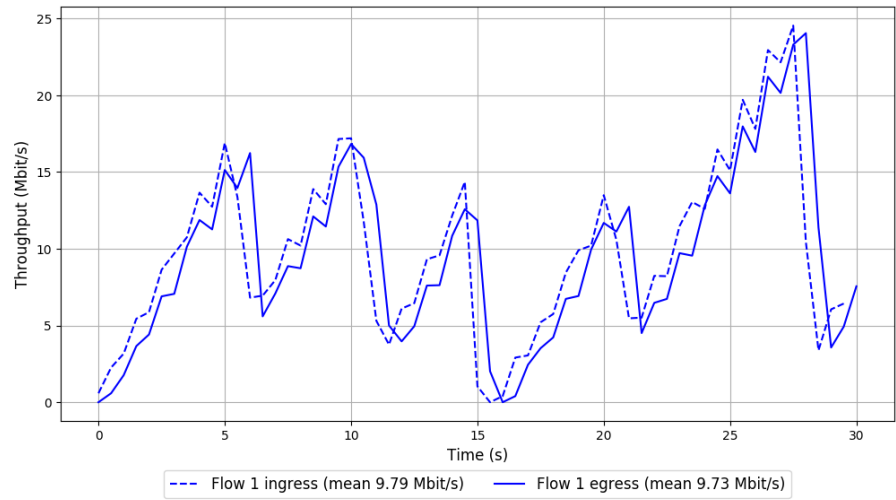
-- Flow 1:

Average throughput: 9.73 Mbit/s

95th percentile per-packet one-way delay: 45.259 ms

Loss rate: 0.60%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2021-03-07 22:14:55

End at: 2021-03-07 22:15:25

Below is generated by plot.py at 2021-03-07 22:32:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.30 Mbit/s

95th percentile per-packet one-way delay: 45.502 ms

Loss rate: 0.68%

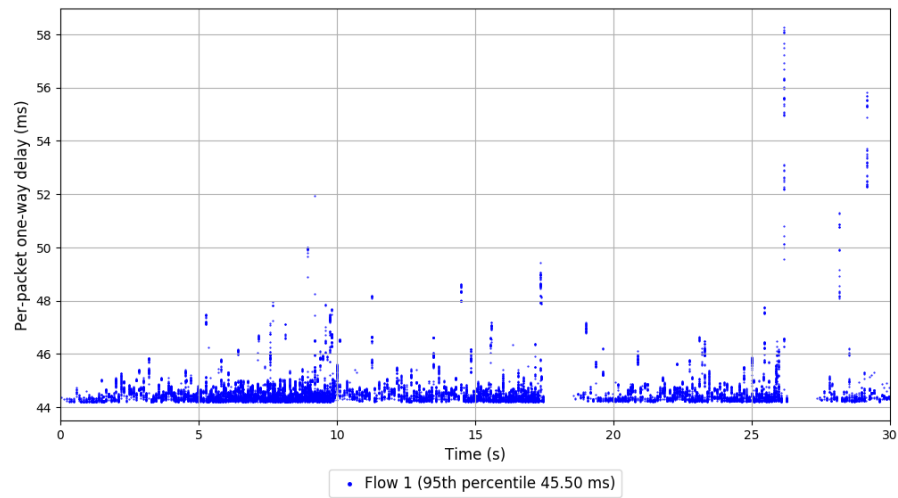
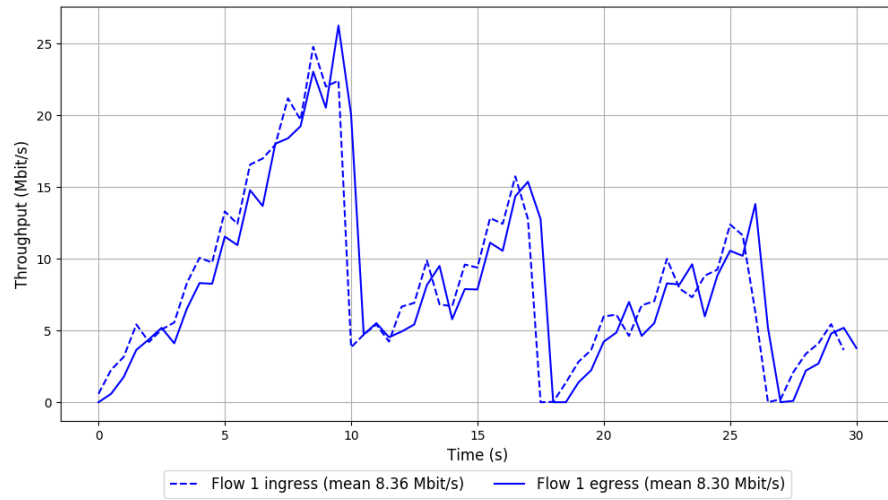
-- Flow 1:

Average throughput: 8.30 Mbit/s

95th percentile per-packet one-way delay: 45.502 ms

Loss rate: 0.68%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2021-03-07 22:23:58

End at: 2021-03-07 22:24:28

Below is generated by plot.py at 2021-03-07 22:32:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.84 Mbit/s

95th percentile per-packet one-way delay: 45.511 ms

Loss rate: 0.60%

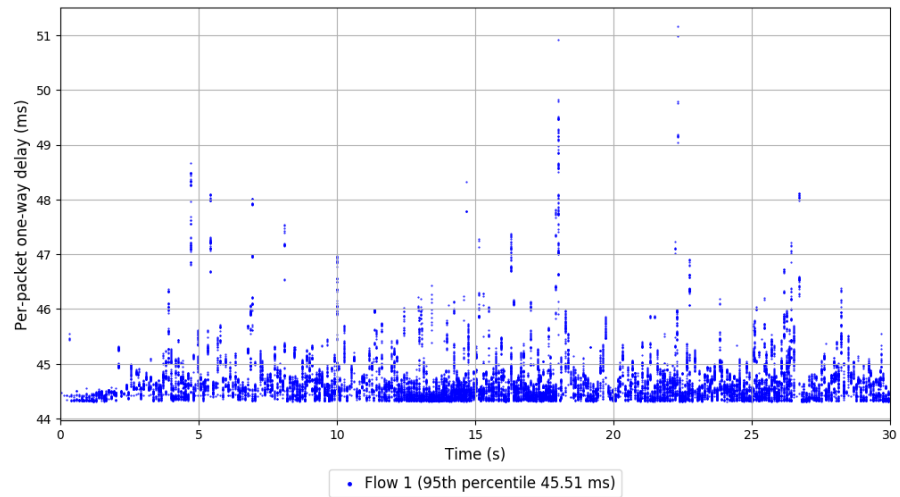
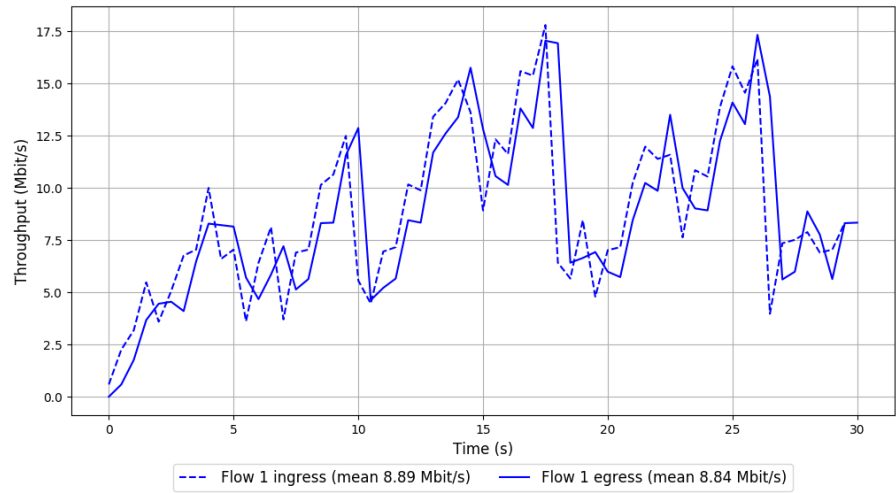
-- Flow 1:

Average throughput: 8.84 Mbit/s

95th percentile per-packet one-way delay: 45.511 ms

Loss rate: 0.60%

Run 3: Report of LEDBAT — Data Link

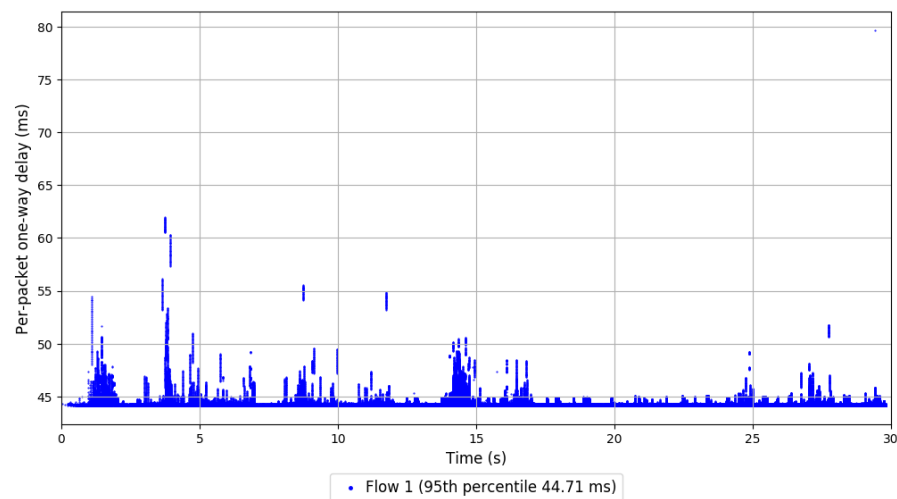
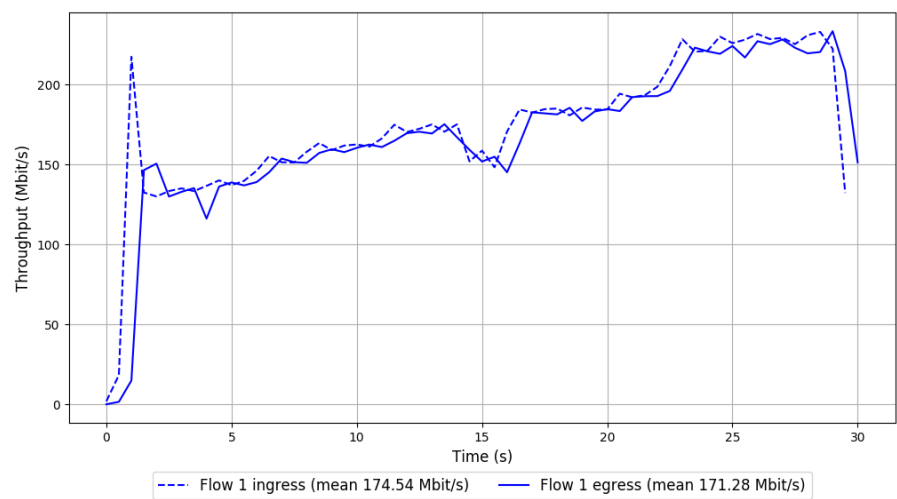


```
Run 1: Statistics of PCC-Allegro

Start at: 2021-03-07 22:06:26
End at: 2021-03-07 22:06:56

# Below is generated by plot.py at 2021-03-07 22:32:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 171.28 Mbit/s
95th percentile per-packet one-way delay: 44.706 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 171.28 Mbit/s
95th percentile per-packet one-way delay: 44.706 ms
Loss rate: 1.88%
```

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2021-03-07 22:15:37

End at: 2021-03-07 22:16:07

Below is generated by plot.py at 2021-03-07 22:32:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.21 Mbit/s

95th percentile per-packet one-way delay: 46.768 ms

Loss rate: 4.07%

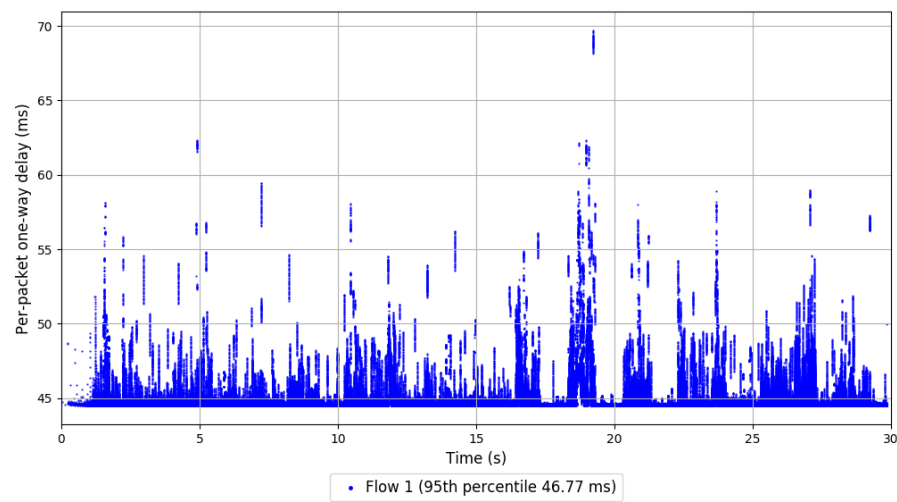
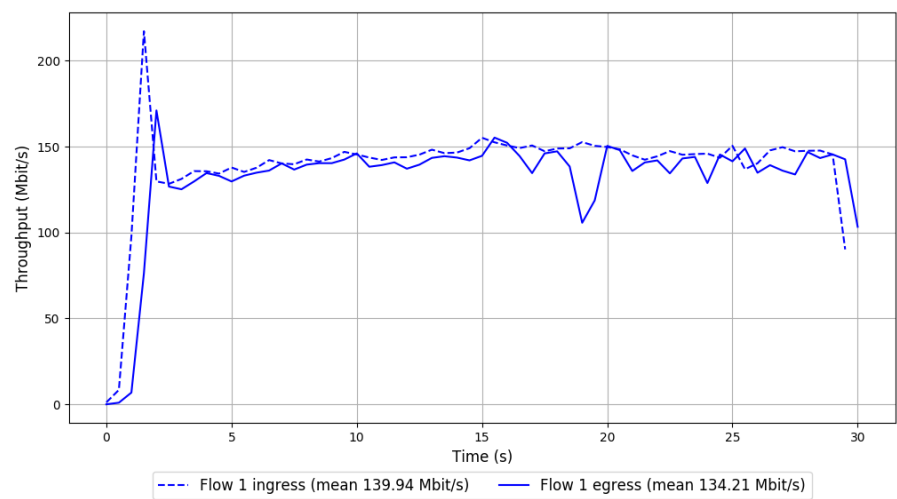
-- Flow 1:

Average throughput: 134.21 Mbit/s

95th percentile per-packet one-way delay: 46.768 ms

Loss rate: 4.07%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2021-03-07 22:24:38

End at: 2021-03-07 22:25:08

Below is generated by plot.py at 2021-03-07 22:33:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 236.11 Mbit/s

95th percentile per-packet one-way delay: 45.342 ms

Loss rate: 7.21%

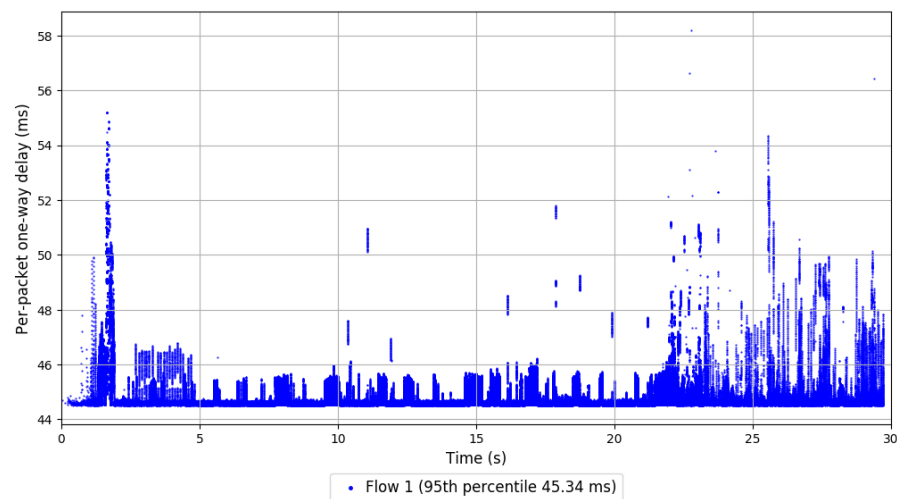
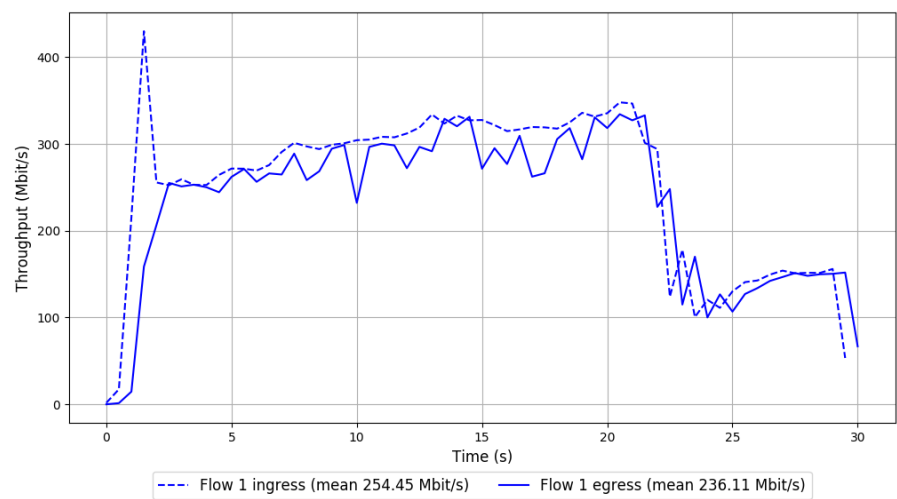
-- Flow 1:

Average throughput: 236.11 Mbit/s

95th percentile per-packet one-way delay: 45.342 ms

Loss rate: 7.21%

Run 3: Report of PCC-Allegro — Data Link

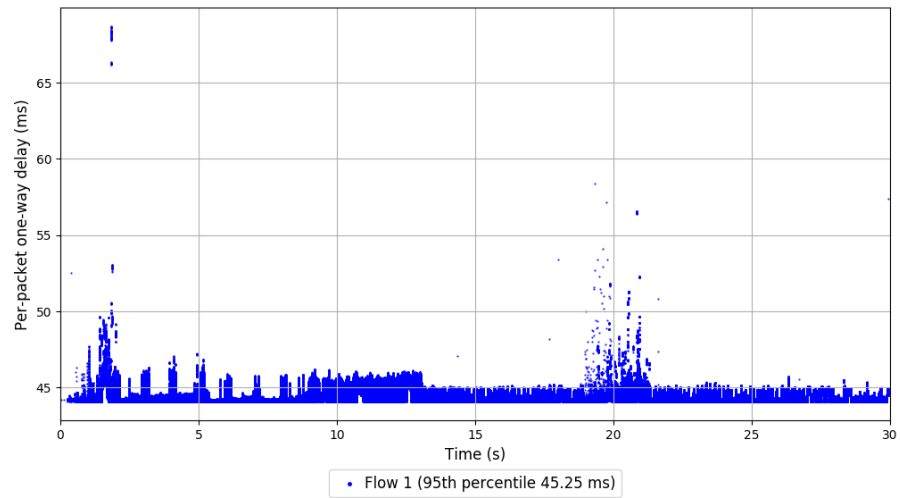
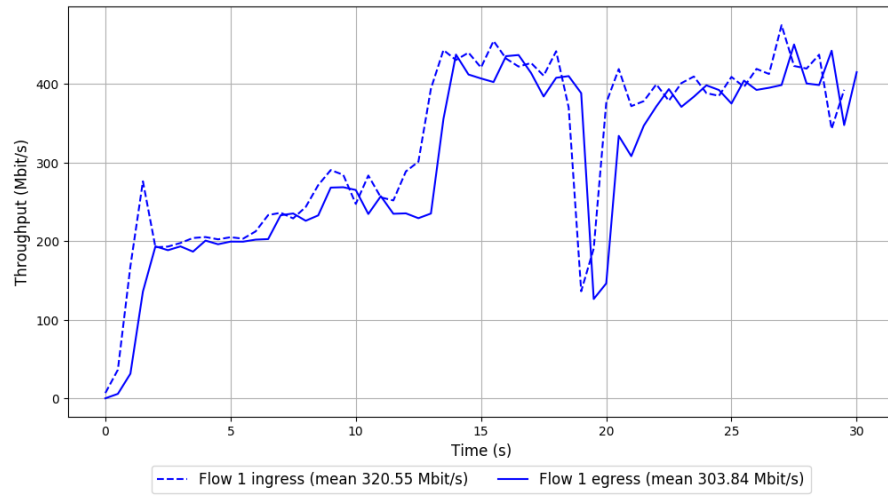


```
Run 1: Statistics of PCC-Expr

Start at: 2021-03-07 22:08:43
End at: 2021-03-07 22:09:13

# Below is generated by plot.py at 2021-03-07 22:34:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 303.84 Mbit/s
95th percentile per-packet one-way delay: 45.253 ms
Loss rate: 5.18%
-- Flow 1:
Average throughput: 303.84 Mbit/s
95th percentile per-packet one-way delay: 45.253 ms
Loss rate: 5.18%
```


Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2021-03-07 22:17:53

End at: 2021-03-07 22:18:23

Below is generated by plot.py at 2021-03-07 22:34:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 152.87 Mbit/s

95th percentile per-packet one-way delay: 45.466 ms

Loss rate: 4.24%

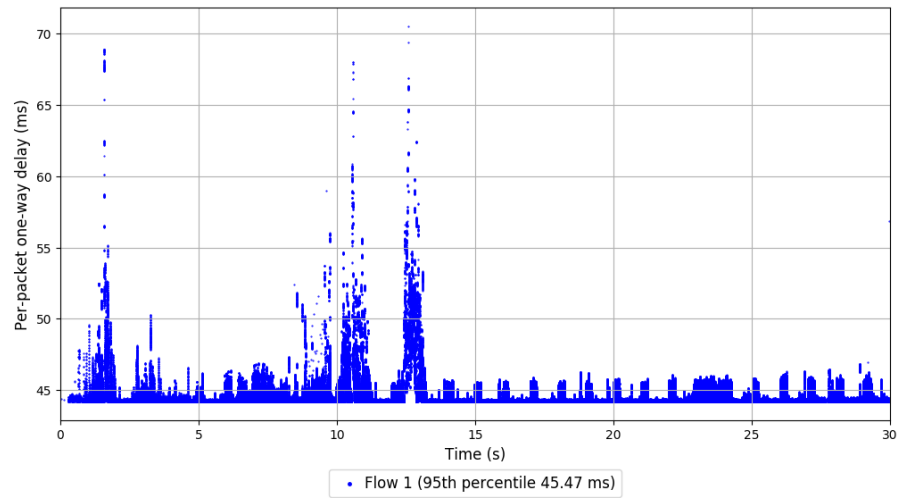
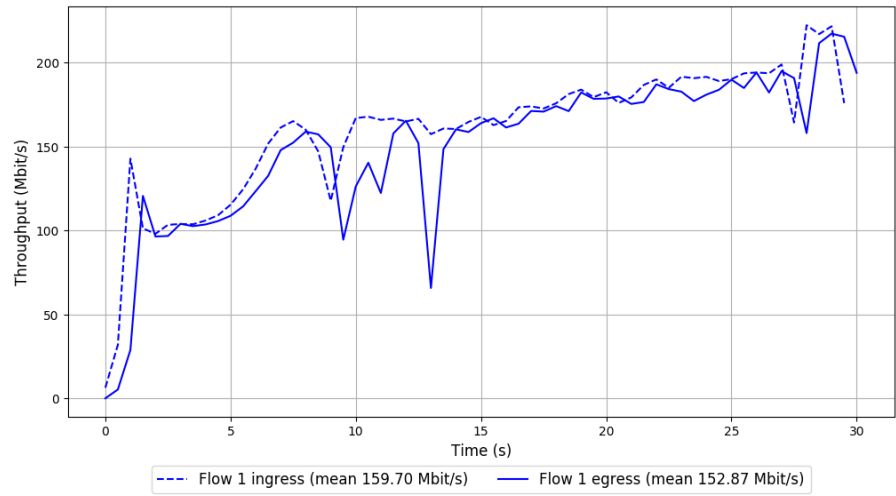
-- Flow 1:

Average throughput: 152.87 Mbit/s

95th percentile per-packet one-way delay: 45.466 ms

Loss rate: 4.24%

Run 2: Report of PCC-Expr — Data Link

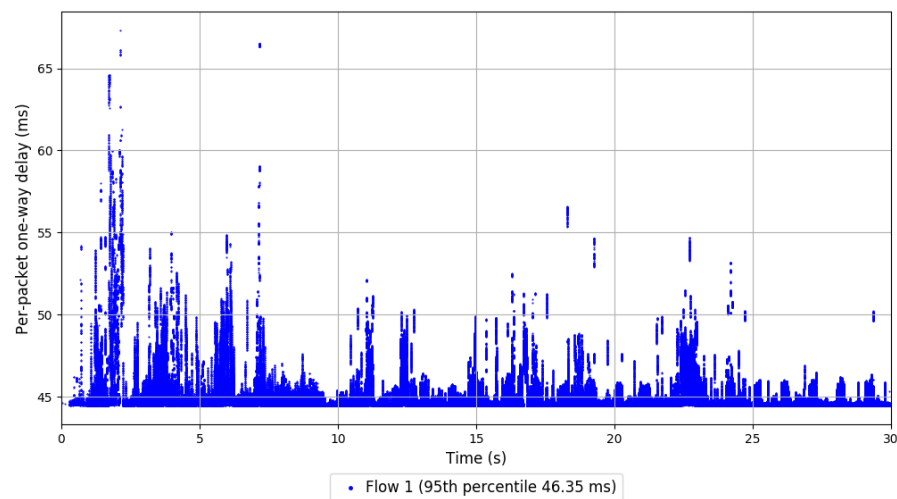
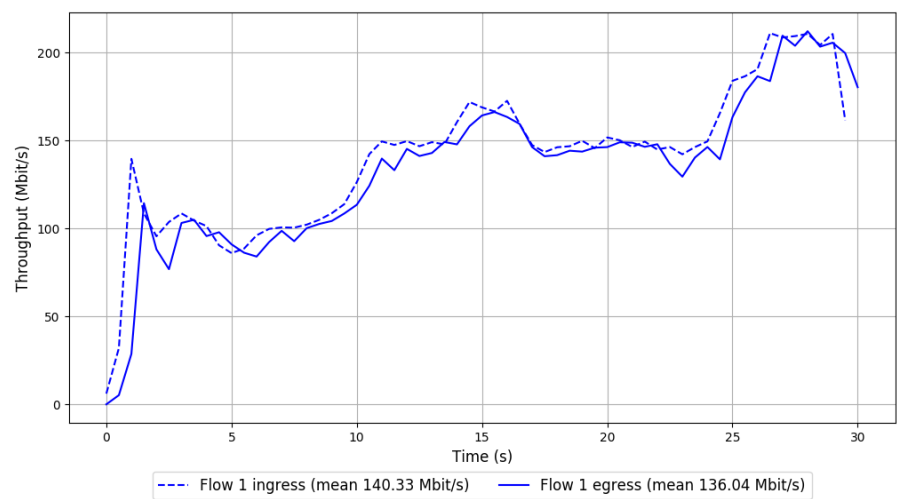


```
Run 3: Statistics of PCC-Expr

Start at: 2021-03-07 22:26:58
End at: 2021-03-07 22:27:28

# Below is generated by plot.py at 2021-03-07 22:35:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 136.04 Mbit/s
95th percentile per-packet one-way delay: 46.351 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 136.04 Mbit/s
95th percentile per-packet one-way delay: 46.351 ms
Loss rate: 3.05%
```

Run 3: Report of PCC-Expr — Data Link

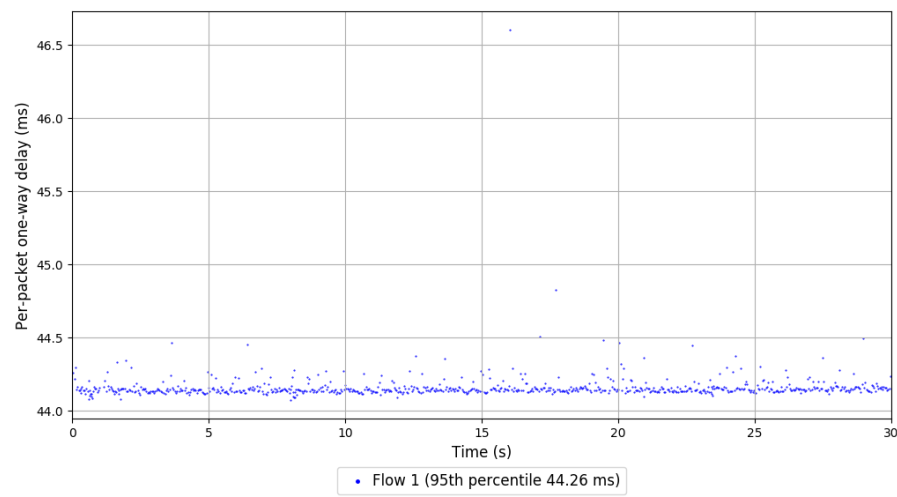
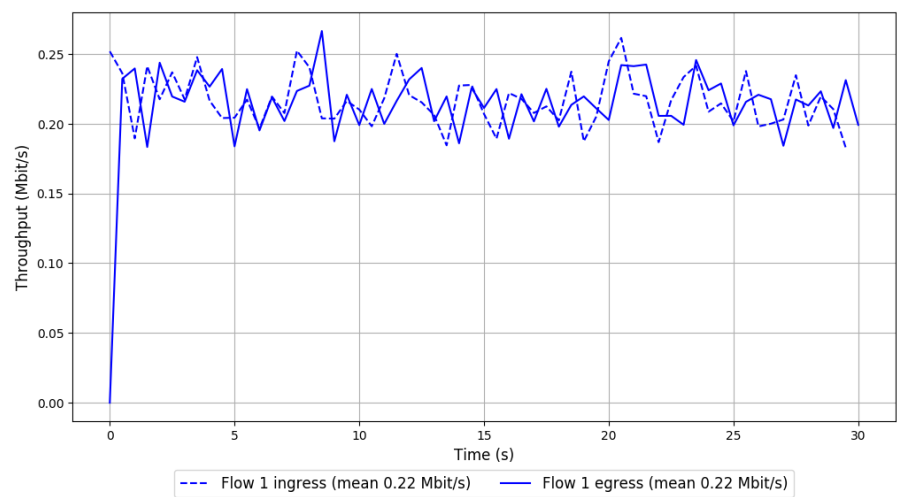


```
Run 1: Statistics of SCReAM

Start at: 2021-03-07 22:07:11
End at: 2021-03-07 22:07:41

# Below is generated by plot.py at 2021-03-07 22:35:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 44.259 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2021-03-07 22:16:21

End at: 2021-03-07 22:16:51

Below is generated by plot.py at 2021-03-07 22:35:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.473 ms

Loss rate: 0.00%

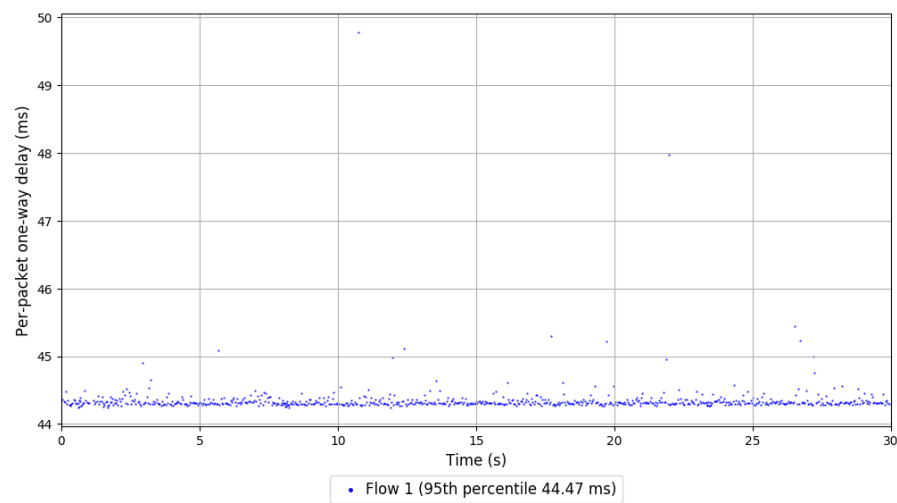
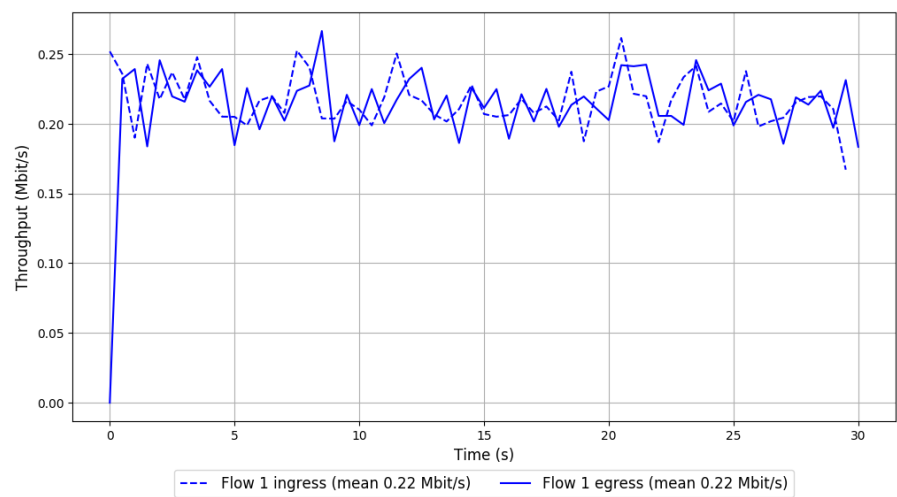
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.473 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2021-03-07 22:25:26

End at: 2021-03-07 22:25:56

Below is generated by plot.py at 2021-03-07 22:35:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.806 ms

Loss rate: 0.00%

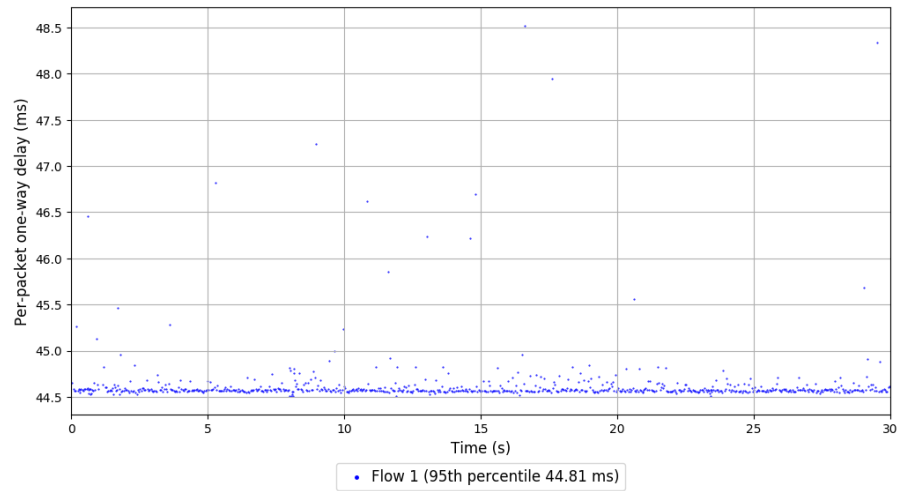
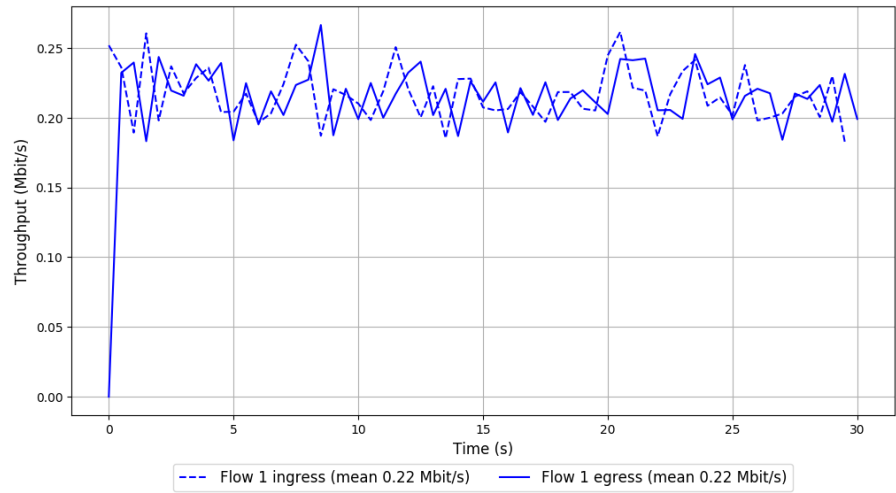
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 44.806 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2021-03-07 22:02:51

End at: 2021-03-07 22:03:21

Below is generated by plot.py at 2021-03-07 22:35:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 44.878 ms

Loss rate: 1.11%

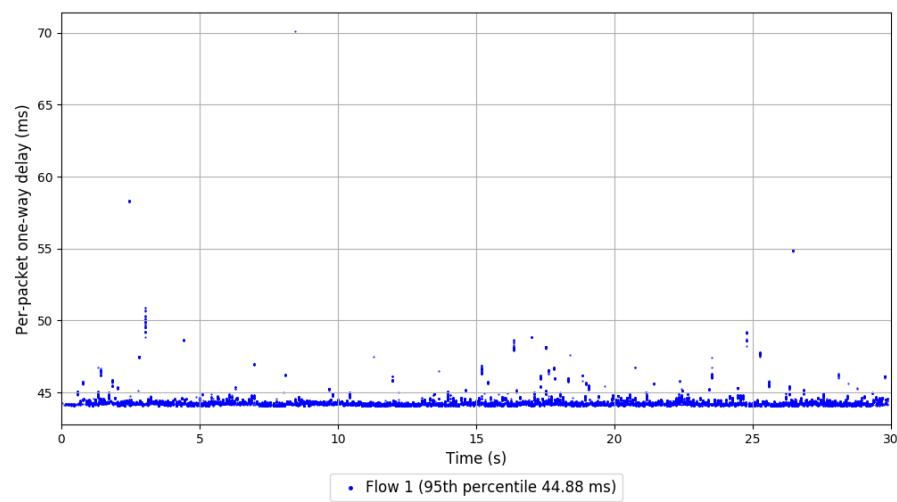
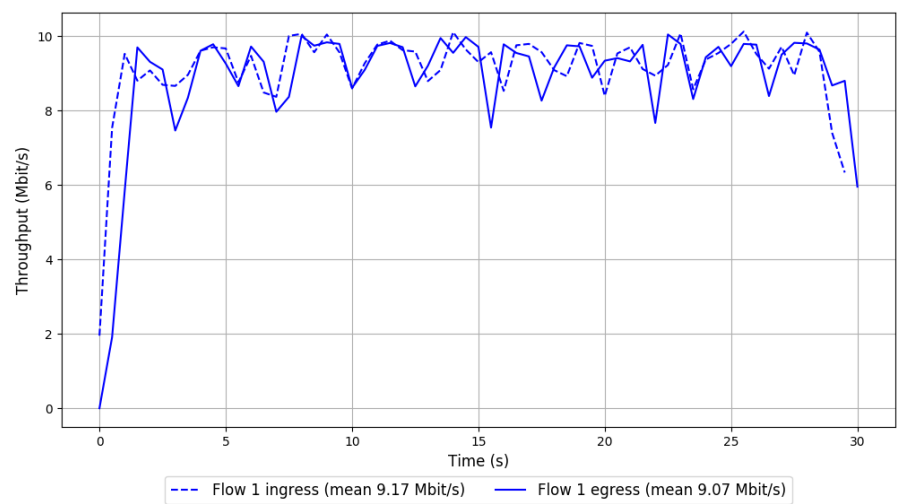
-- Flow 1:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 44.878 ms

Loss rate: 1.11%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2021-03-07 22:12:04

End at: 2021-03-07 22:12:34

Below is generated by plot.py at 2021-03-07 22:35:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.03 Mbit/s

95th percentile per-packet one-way delay: 45.344 ms

Loss rate: 1.28%

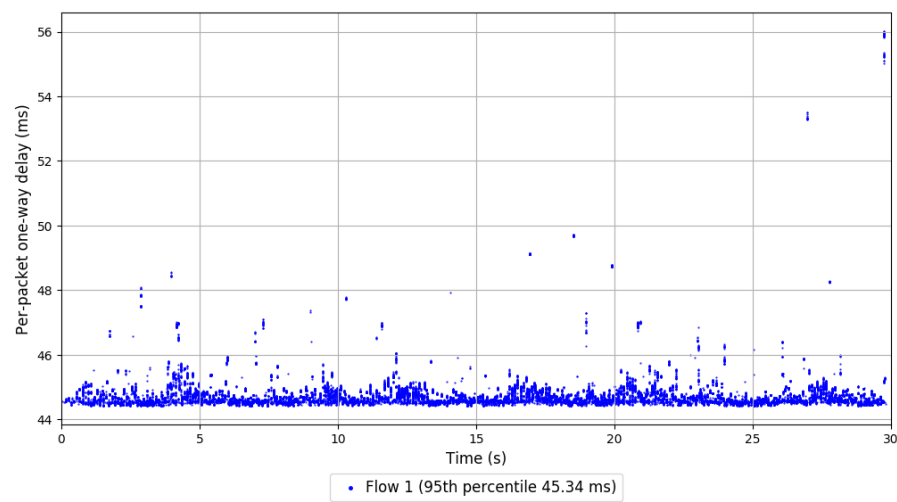
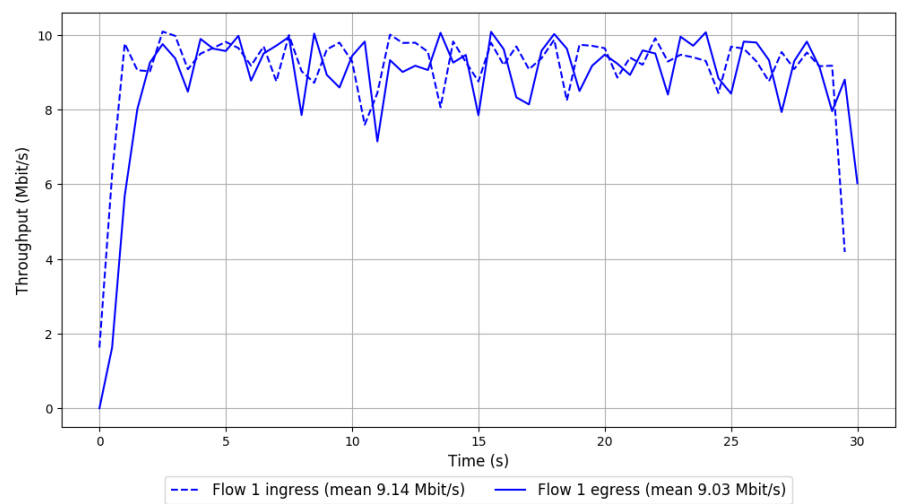
-- Flow 1:

Average throughput: 9.03 Mbit/s

95th percentile per-packet one-way delay: 45.344 ms

Loss rate: 1.28%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2021-03-07 22:21:05

End at: 2021-03-07 22:21:35

Below is generated by plot.py at 2021-03-07 22:35:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.05 Mbit/s

95th percentile per-packet one-way delay: 45.126 ms

Loss rate: 1.24%

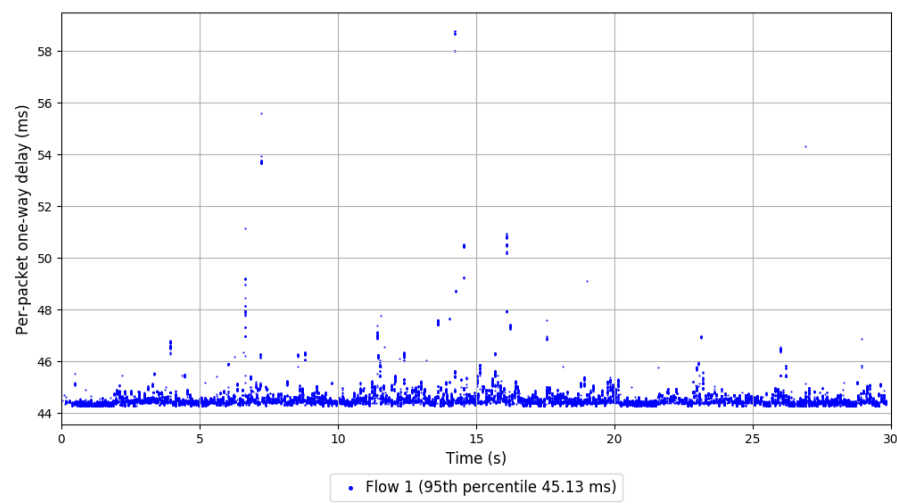
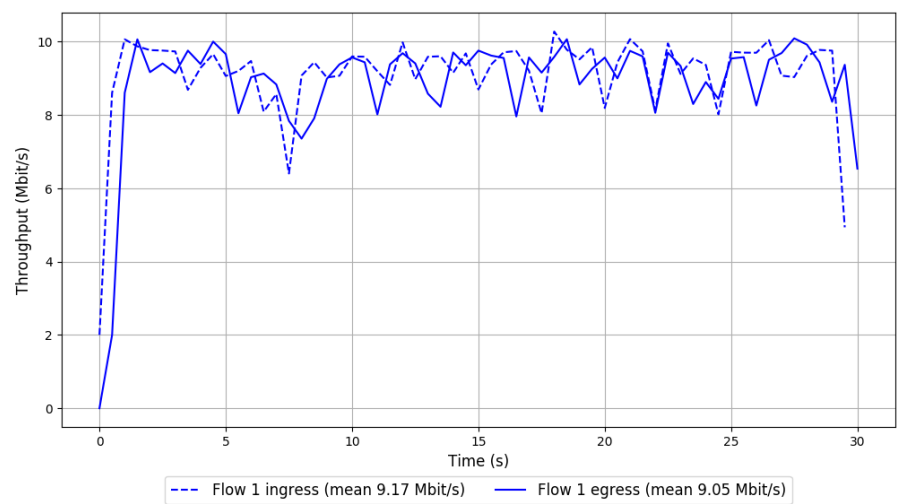
-- Flow 1:

Average throughput: 9.05 Mbit/s

95th percentile per-packet one-way delay: 45.126 ms

Loss rate: 1.24%

Run 3: Report of Sprout — Data Link

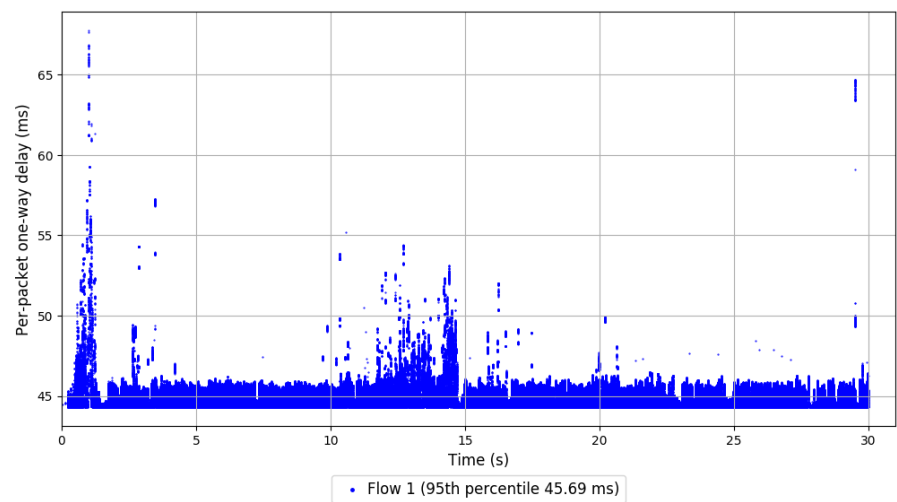
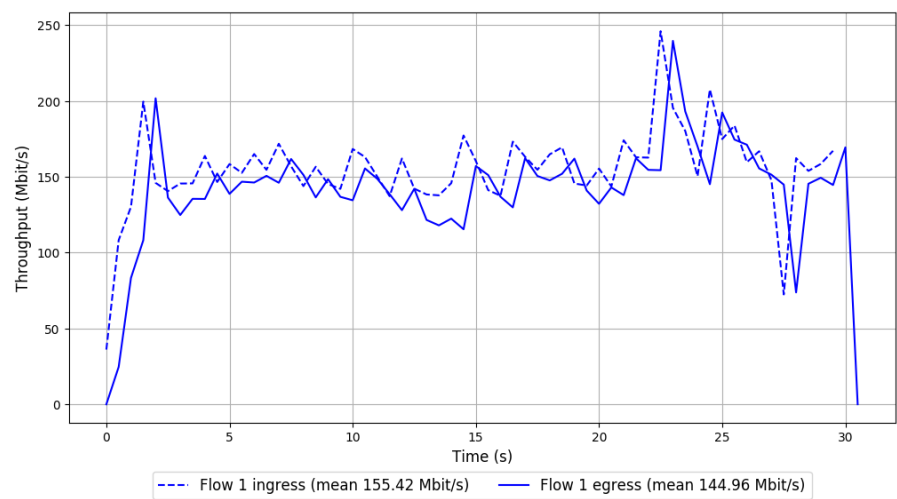


```
Run 1: Statistics of TaoVA-100x

Start at: 2021-03-07 22:07:50
End at: 2021-03-07 22:08:20

# Below is generated by plot.py at 2021-03-07 22:35:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 144.96 Mbit/s
95th percentile per-packet one-way delay: 45.693 ms
Loss rate: 6.73%
-- Flow 1:
Average throughput: 144.96 Mbit/s
95th percentile per-packet one-way delay: 45.693 ms
Loss rate: 6.73%
```

Run 1: Report of TaoVA-100x — Data Link



Run 2: Statistics of TaoVA-100x

Start at: 2021-03-07 22:17:01

End at: 2021-03-07 22:17:31

Below is generated by plot.py at 2021-03-07 22:36:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 151.40 Mbit/s

95th percentile per-packet one-way delay: 45.911 ms

Loss rate: 7.52%

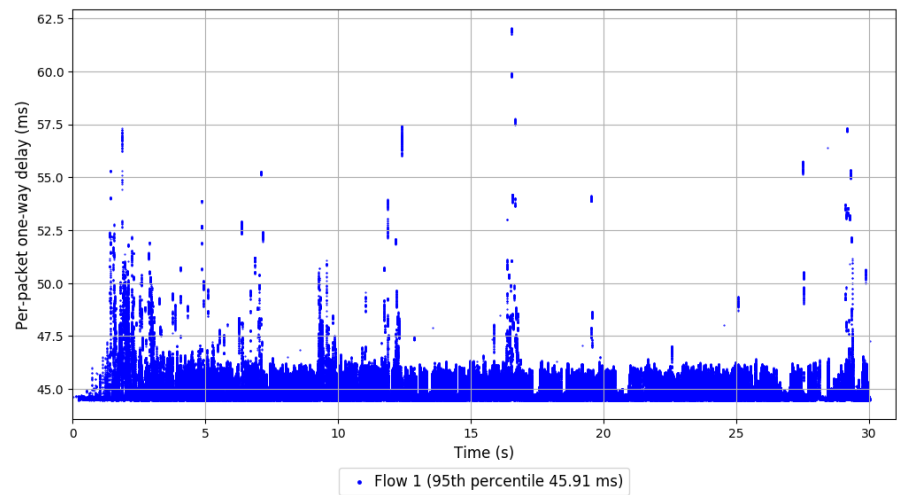
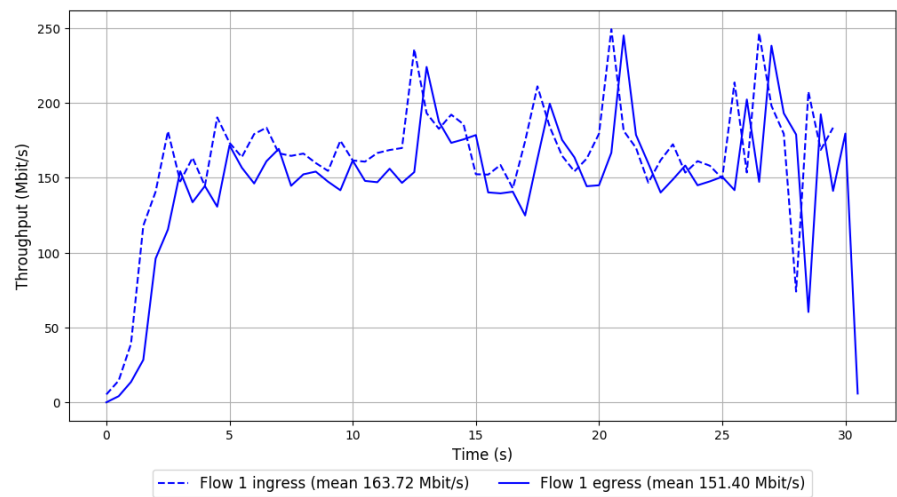
-- Flow 1:

Average throughput: 151.40 Mbit/s

95th percentile per-packet one-way delay: 45.911 ms

Loss rate: 7.52%

Run 2: Report of TaoVA-100x — Data Link



Run 3: Statistics of TaoVA-100x

Start at: 2021-03-07 22:26:05

End at: 2021-03-07 22:26:35

Below is generated by plot.py at 2021-03-07 22:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 147.72 Mbit/s

95th percentile per-packet one-way delay: 45.669 ms

Loss rate: 7.24%

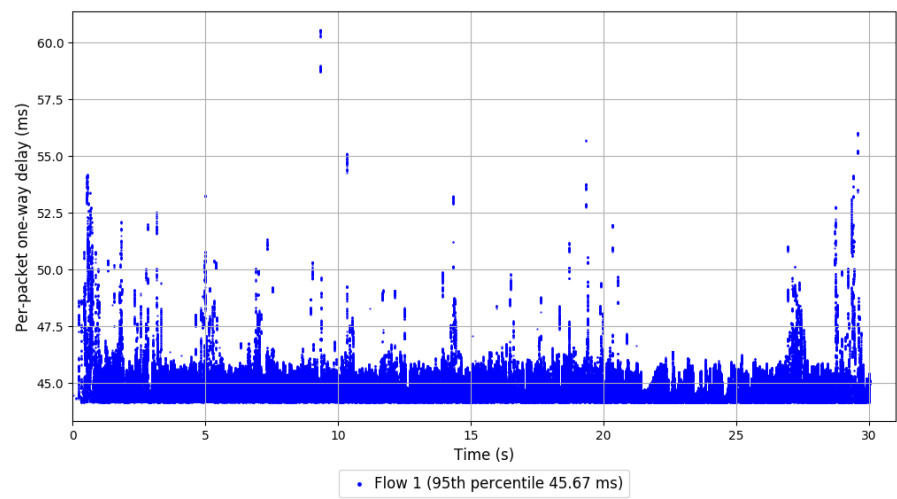
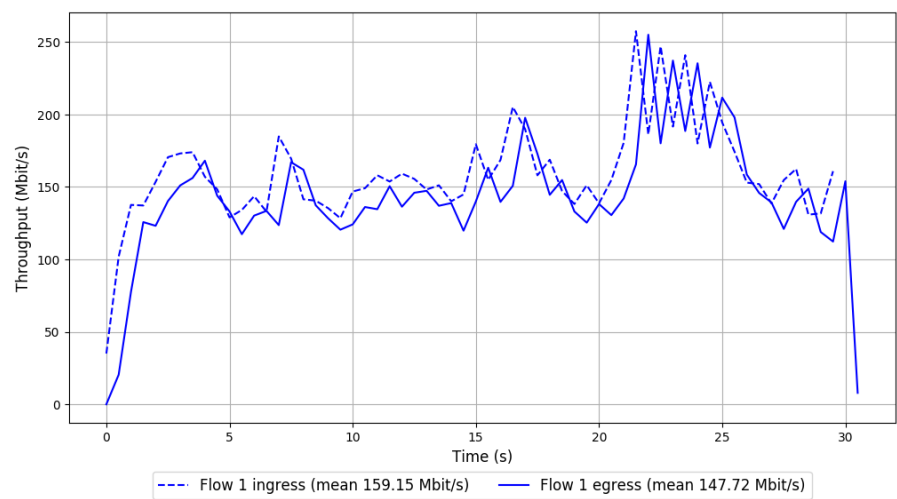
-- Flow 1:

Average throughput: 147.72 Mbit/s

95th percentile per-packet one-way delay: 45.669 ms

Loss rate: 7.24%

Run 3: Report of TaoVA-100x — Data Link



Run 1: Statistics of TCP Vegas

Start at: 2021-03-07 22:05:04

End at: 2021-03-07 22:05:34

Below is generated by plot.py at 2021-03-07 22:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.68 Mbit/s

95th percentile per-packet one-way delay: 45.183 ms

Loss rate: 0.61%

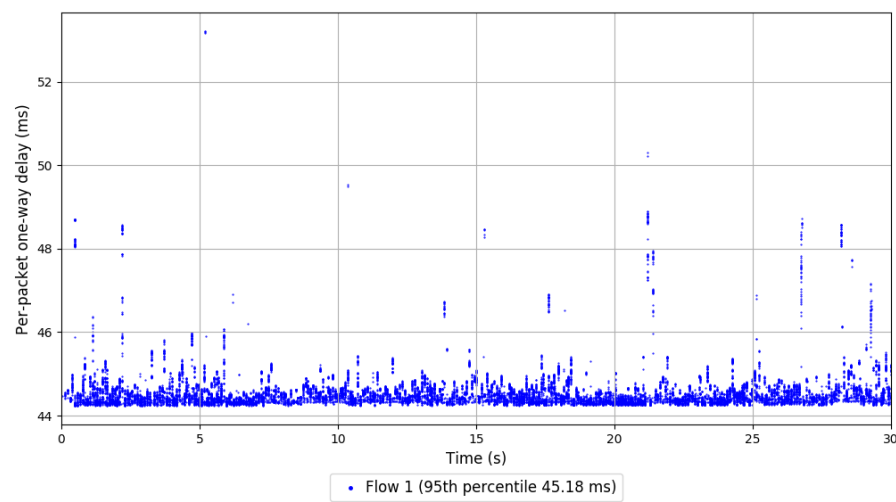
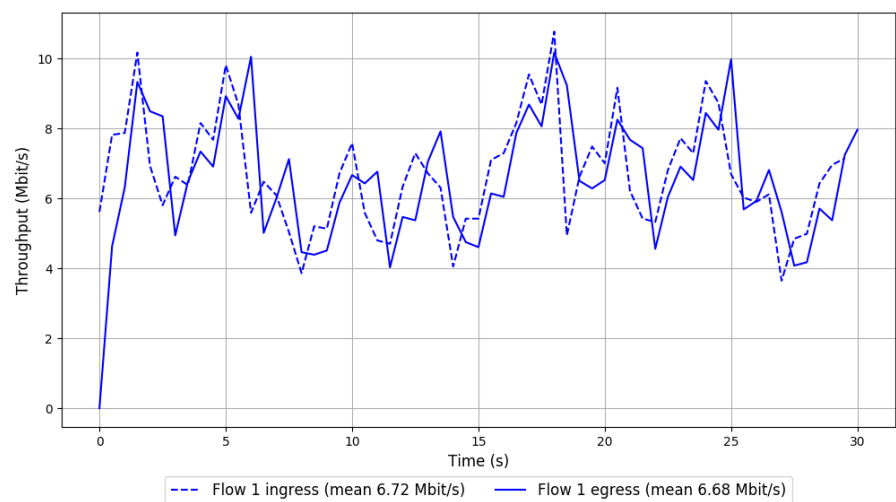
-- Flow 1:

Average throughput: 6.68 Mbit/s

95th percentile per-packet one-way delay: 45.183 ms

Loss rate: 0.61%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2021-03-07 22:14:15

End at: 2021-03-07 22:14:45

Below is generated by plot.py at 2021-03-07 22:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.66 Mbit/s

95th percentile per-packet one-way delay: 45.110 ms

Loss rate: 0.89%

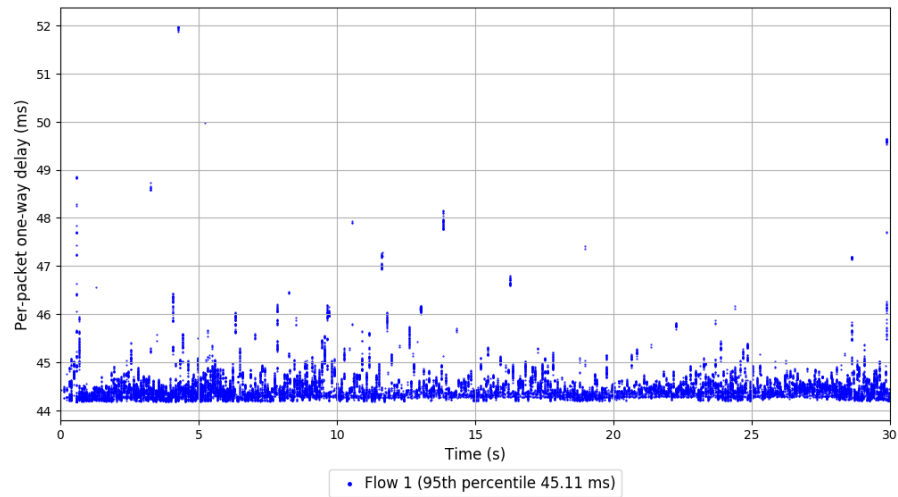
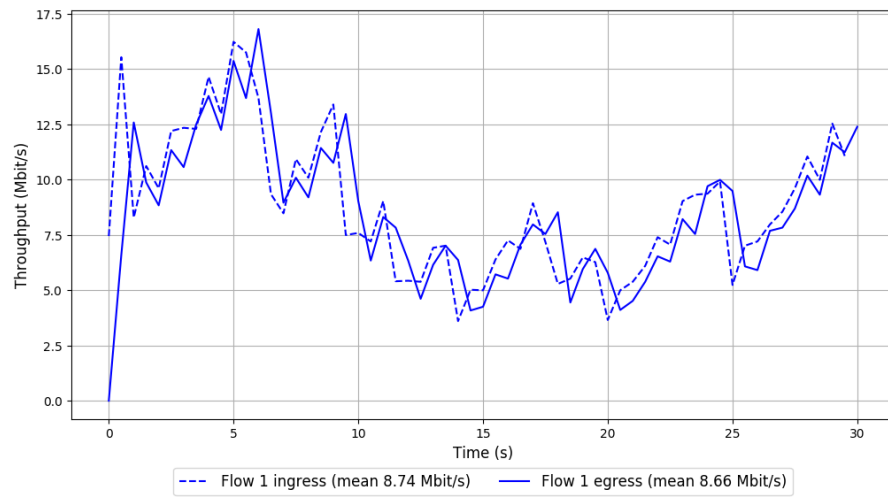
-- Flow 1:

Average throughput: 8.66 Mbit/s

95th percentile per-packet one-way delay: 45.110 ms

Loss rate: 0.89%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2021-03-07 22:23:18

End at: 2021-03-07 22:23:48

Below is generated by plot.py at 2021-03-07 22:36:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 8.63 Mbit/s

95th percentile per-packet one-way delay: 45.451 ms

Loss rate: 0.67%

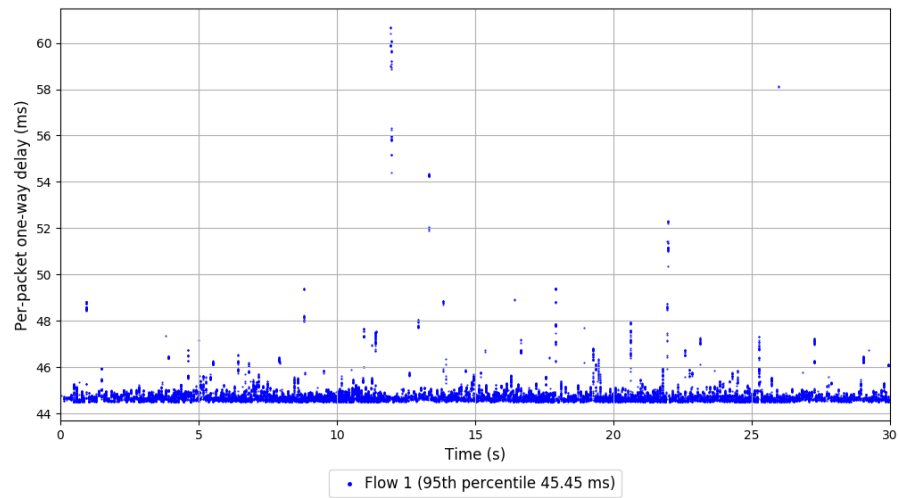
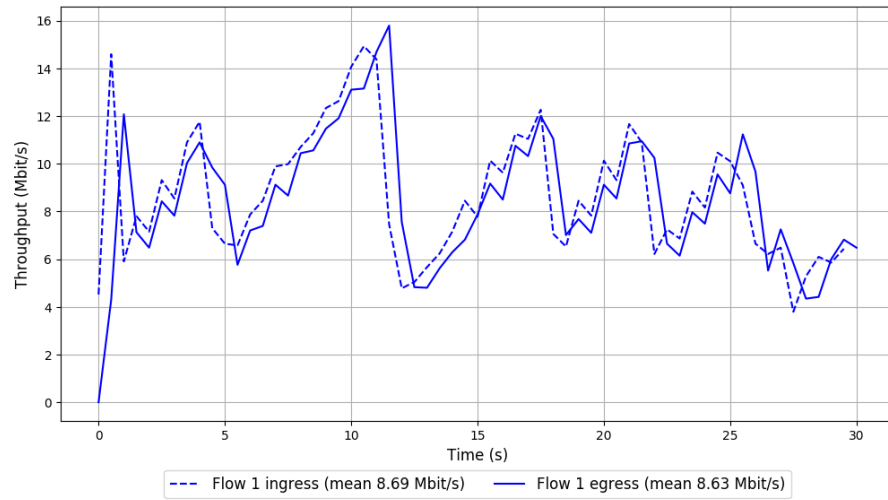
-- Flow 1:

Average throughput: 8.63 Mbit/s

95th percentile per-packet one-way delay: 45.451 ms

Loss rate: 0.67%

Run 3: Report of TCP Vegas — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2021-03-07 22:03:31

End at: 2021-03-07 22:04:01

Below is generated by plot.py at 2021-03-07 22:37:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 134.56 Mbit/s

95th percentile per-packet one-way delay: 45.237 ms

Loss rate: 3.16%

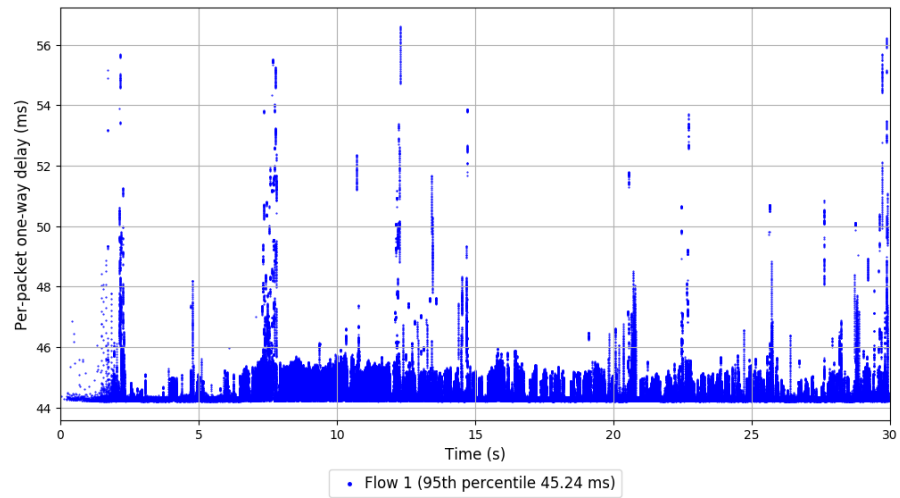
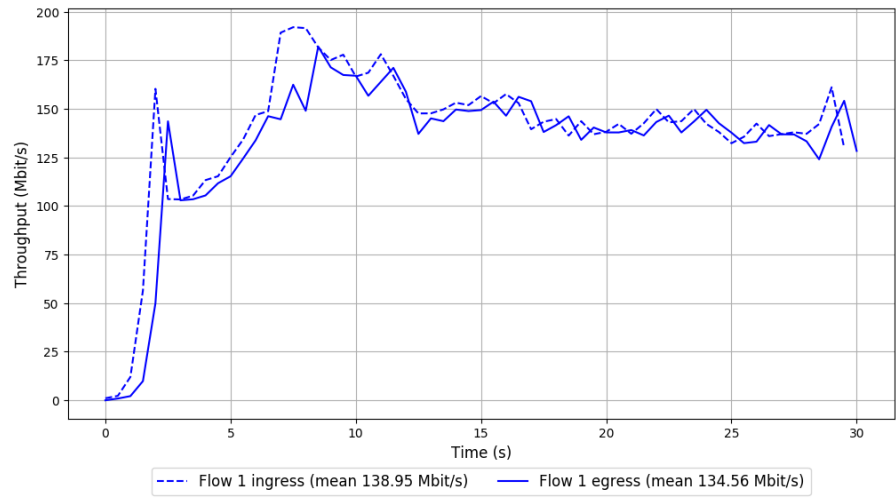
-- Flow 1:

Average throughput: 134.56 Mbit/s

95th percentile per-packet one-way delay: 45.237 ms

Loss rate: 3.16%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2021-03-07 22:12:45

End at: 2021-03-07 22:13:15

Below is generated by plot.py at 2021-03-07 22:37:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.87 Mbit/s

95th percentile per-packet one-way delay: 45.054 ms

Loss rate: 0.30%

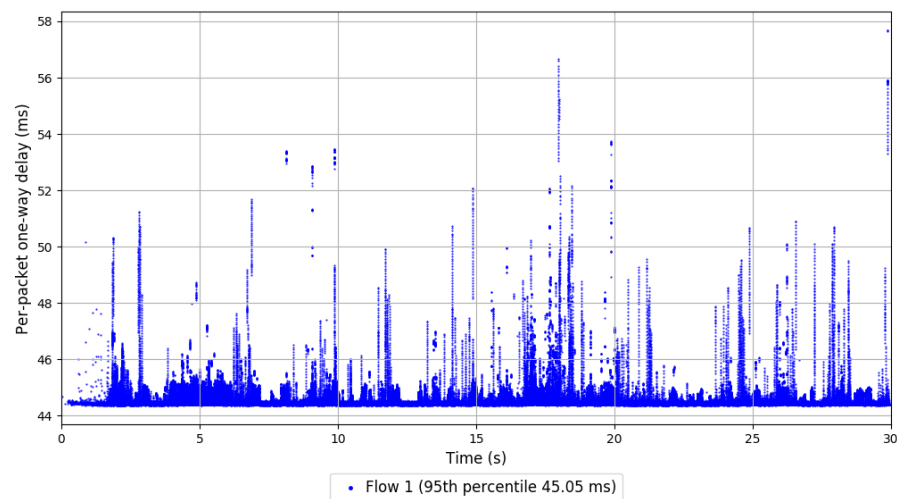
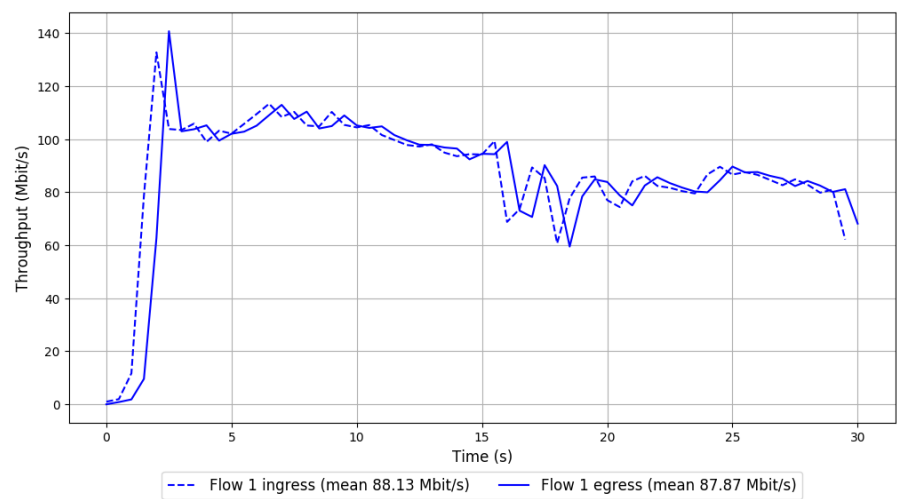
-- Flow 1:

Average throughput: 87.87 Mbit/s

95th percentile per-packet one-way delay: 45.054 ms

Loss rate: 0.30%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2021-03-07 22:21:45

End at: 2021-03-07 22:22:15

Below is generated by plot.py at 2021-03-07 22:37:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 130.67 Mbit/s

95th percentile per-packet one-way delay: 46.299 ms

Loss rate: 6.97%

-- Flow 1:

Average throughput: 130.67 Mbit/s

95th percentile per-packet one-way delay: 46.299 ms

Loss rate: 6.97%

Run 3: Report of PCC-Vivace — Data Link

