

Pantheon Report

Generated at 2017-11-30 16:25:25 (UTC).

Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

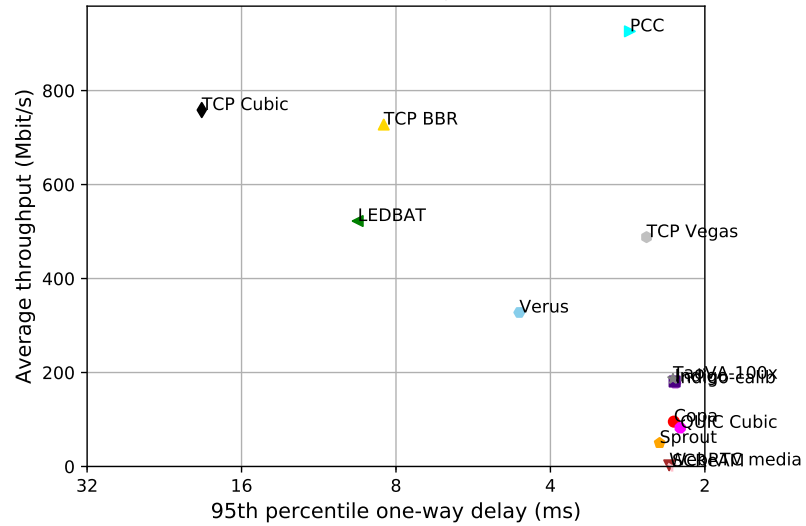
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

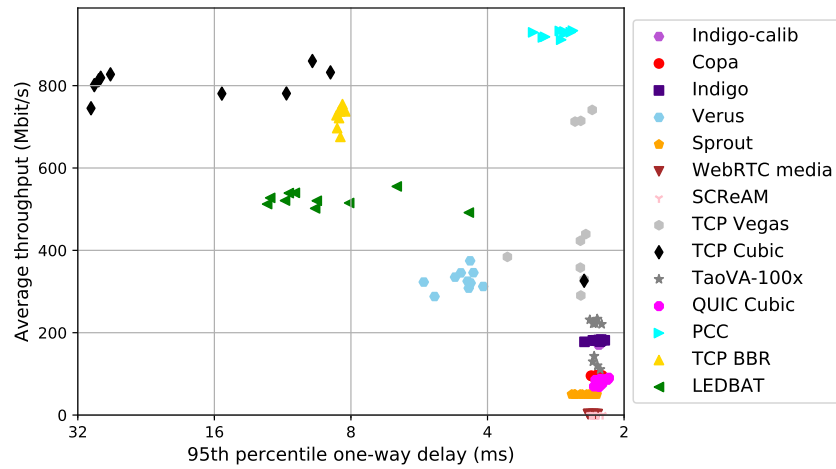
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Brazil Ethernet to AWS Brazil 1 Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	727.70	8.45	0.03
TCP Cubic	10	758.60	19.13	0.04
LEDBAT	10	522.37	9.50	0.03
PCC	10	926.06	2.80	0.02
QUIC Cubic	10	82.30	2.23	0.02
SCReAM	10	0.22	2.32	0.00
WebRTC media	10	2.43	2.35	0.01
Sprout	10	50.12	2.45	0.02
TaoVA-100x	10	186.69	2.31	0.01
TCP Vegas	9	488.10	2.60	0.01
Verus	10	327.77	4.60	0.02
Copa	10	95.46	2.30	0.01
Indigo	10	180.88	2.29	0.01
Indigo-calib	10	177.29	2.28	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-11-30 09:04:28

End at: 2017-11-30 09:04:58

Local clock offset: 3.691 ms

Remote clock offset: 0.218 ms

Below is generated by plot.py at 2017-11-30 15:07:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 744.58 Mbit/s

95th percentile per-packet one-way delay: 8.421 ms

Loss rate: 0.04%

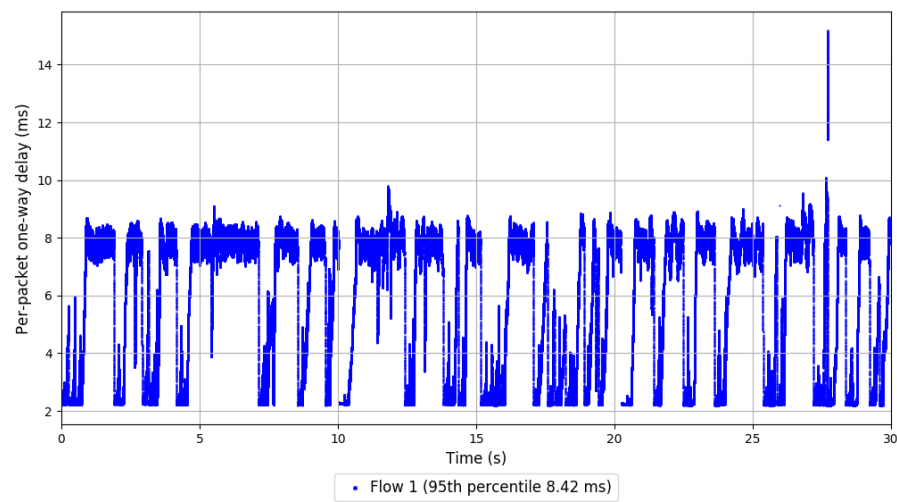
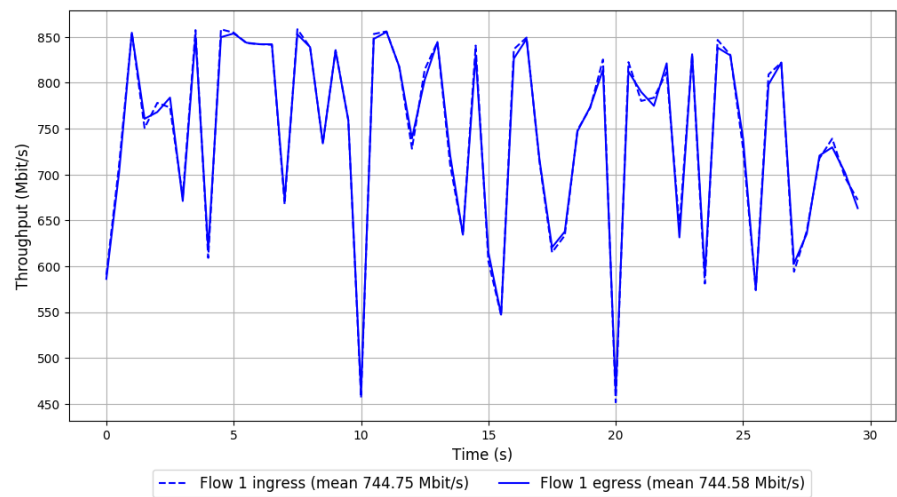
-- Flow 1:

Average throughput: 744.58 Mbit/s

95th percentile per-packet one-way delay: 8.421 ms

Loss rate: 0.04%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-11-30 09:22:34

End at: 2017-11-30 09:23:04

Local clock offset: 3.804 ms

Remote clock offset: 0.447 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 755.22 Mbit/s

95th percentile per-packet one-way delay: 8.351 ms

Loss rate: 0.02%

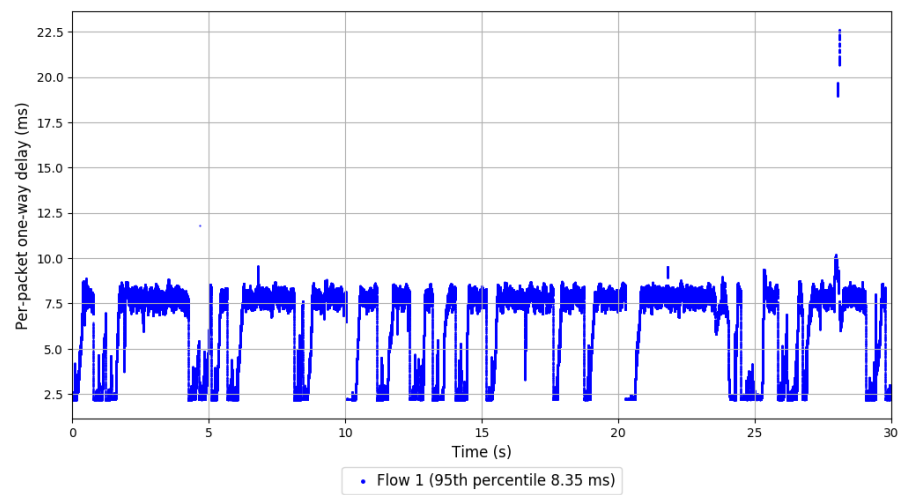
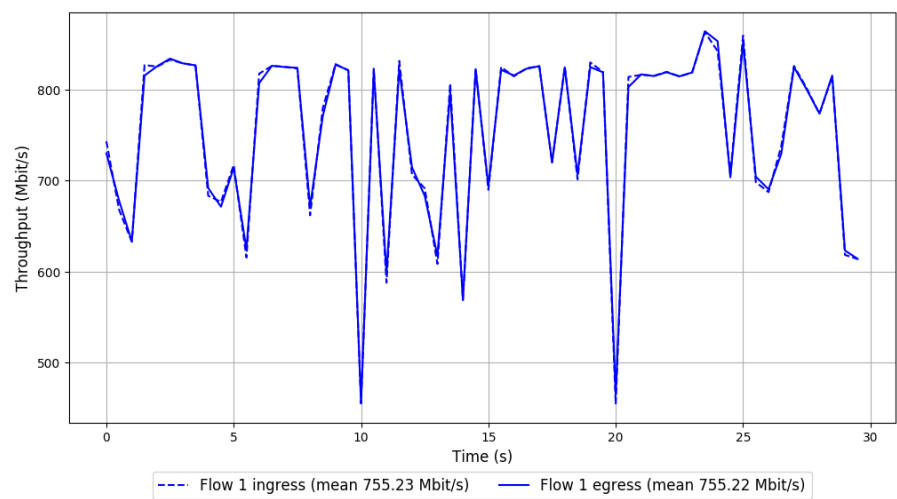
-- Flow 1:

Average throughput: 755.22 Mbit/s

95th percentile per-packet one-way delay: 8.351 ms

Loss rate: 0.02%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-11-30 09:40:53

End at: 2017-11-30 09:41:23

Local clock offset: 3.904 ms

Remote clock offset: 0.597 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 741.24 Mbit/s

95th percentile per-packet one-way delay: 8.451 ms

Loss rate: 0.01%

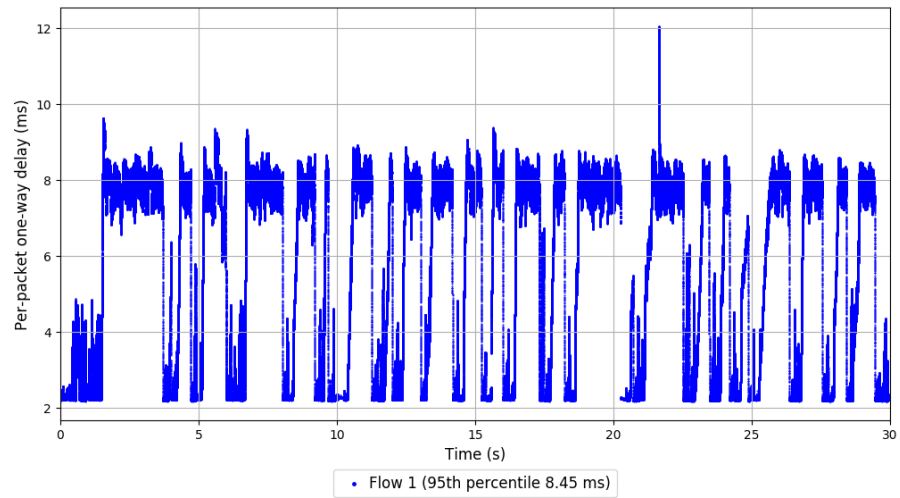
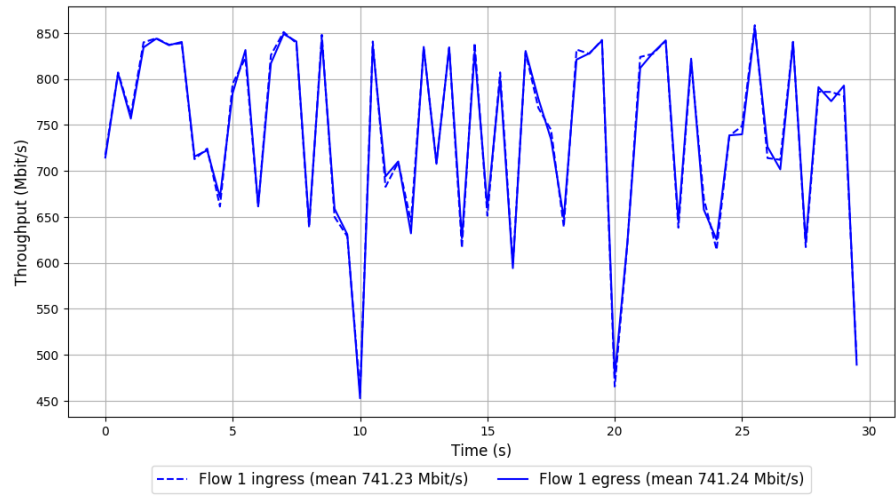
-- Flow 1:

Average throughput: 741.24 Mbit/s

95th percentile per-packet one-way delay: 8.451 ms

Loss rate: 0.01%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-11-30 09:59:00

End at: 2017-11-30 09:59:30

Local clock offset: 4.132 ms

Remote clock offset: 0.711 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 728.00 Mbit/s

95th percentile per-packet one-way delay: 8.608 ms

Loss rate: 0.02%

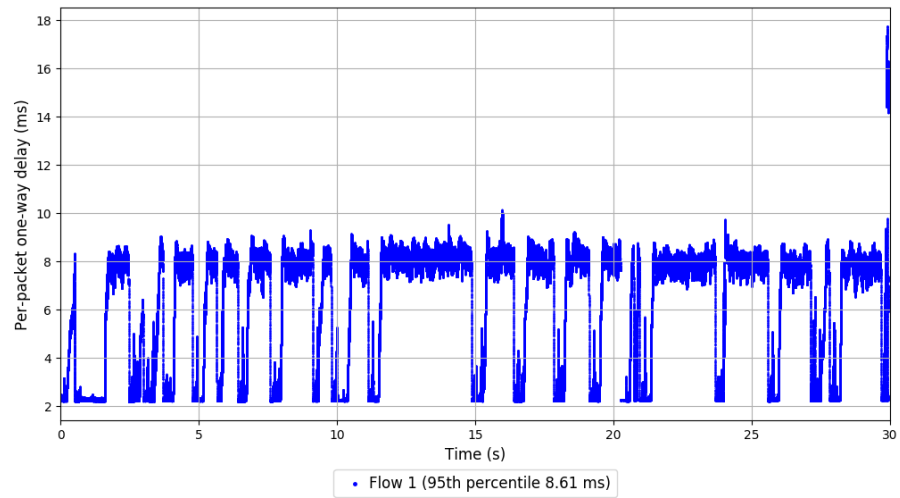
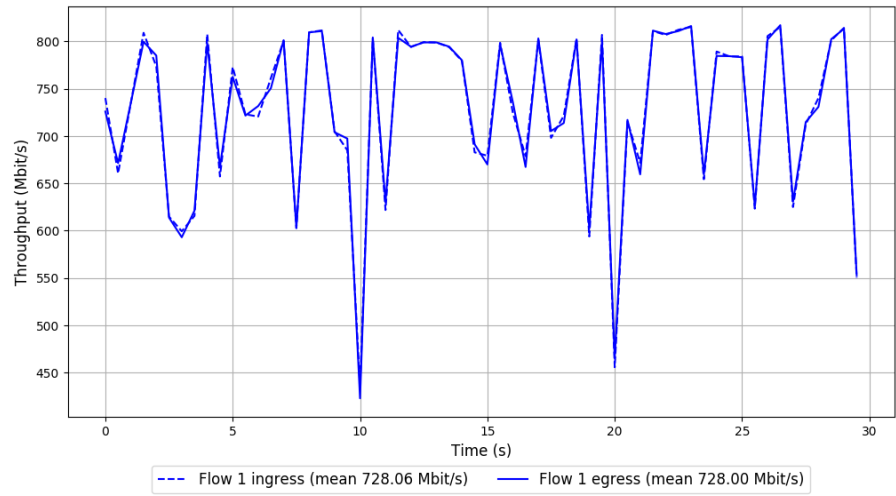
-- Flow 1:

Average throughput: 728.00 Mbit/s

95th percentile per-packet one-way delay: 8.608 ms

Loss rate: 0.02%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-11-30 10:17:04

End at: 2017-11-30 10:17:34

Local clock offset: 2.943 ms

Remote clock offset: 0.788 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 739.19 Mbit/s

95th percentile per-packet one-way delay: 8.499 ms

Loss rate: 0.04%

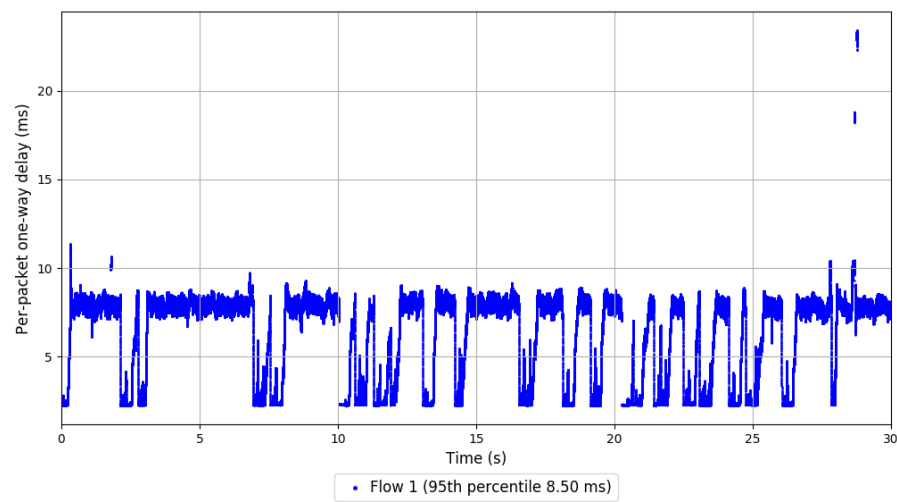
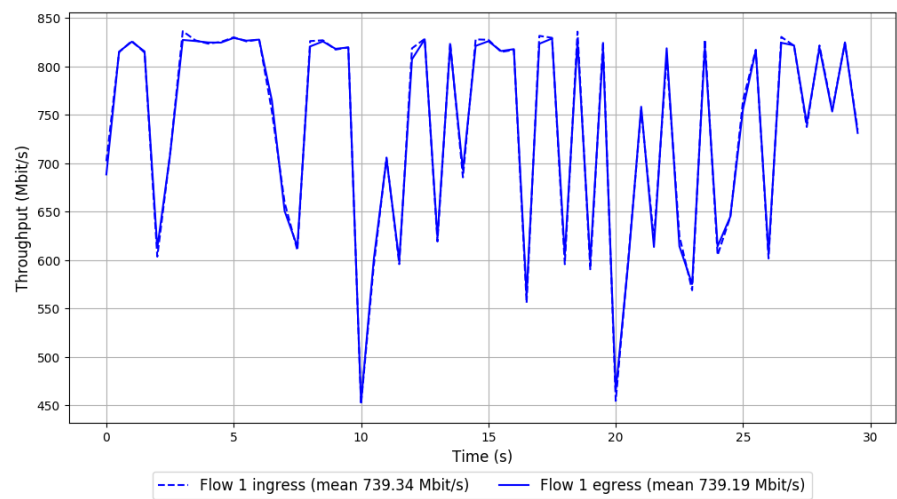
-- Flow 1:

Average throughput: 739.19 Mbit/s

95th percentile per-packet one-way delay: 8.499 ms

Loss rate: 0.04%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-11-30 10:35:16

End at: 2017-11-30 10:35:46

Local clock offset: 2.133 ms

Remote clock offset: 0.779 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 696.88 Mbit/s

95th percentile per-packet one-way delay: 8.579 ms

Loss rate: 0.04%

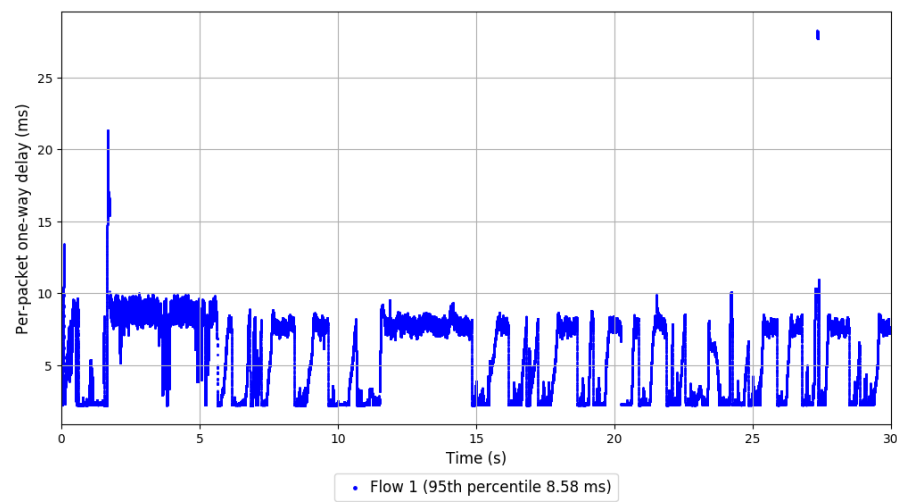
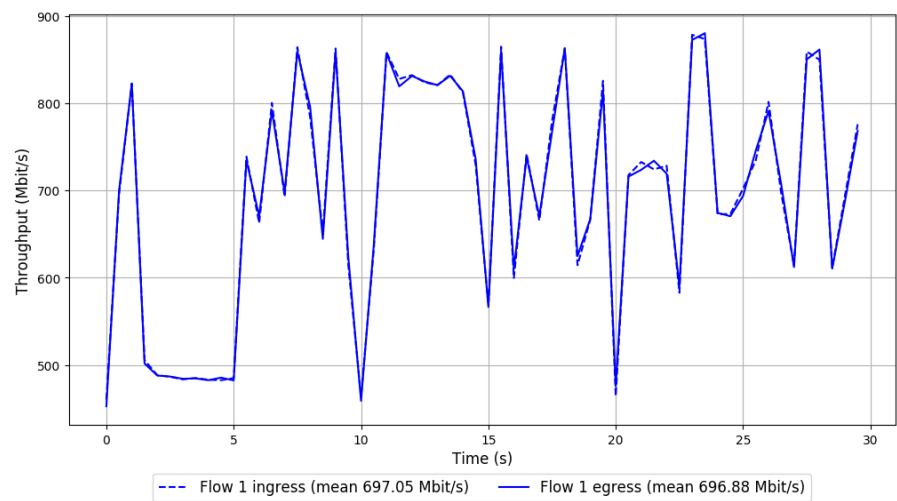
-- Flow 1:

Average throughput: 696.88 Mbit/s

95th percentile per-packet one-way delay: 8.579 ms

Loss rate: 0.04%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-11-30 10:53:19

End at: 2017-11-30 10:53:49

Local clock offset: 1.276 ms

Remote clock offset: 0.925 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 737.56 Mbit/s

95th percentile per-packet one-way delay: 8.222 ms

Loss rate: 0.01%

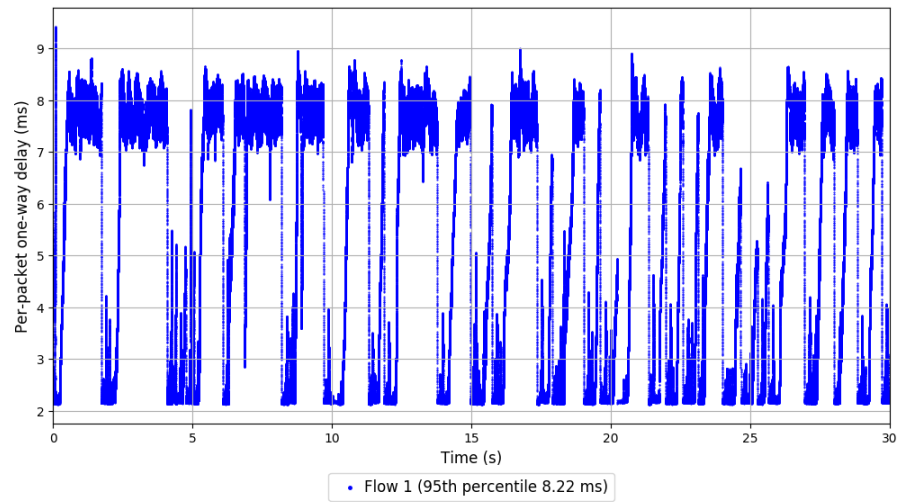
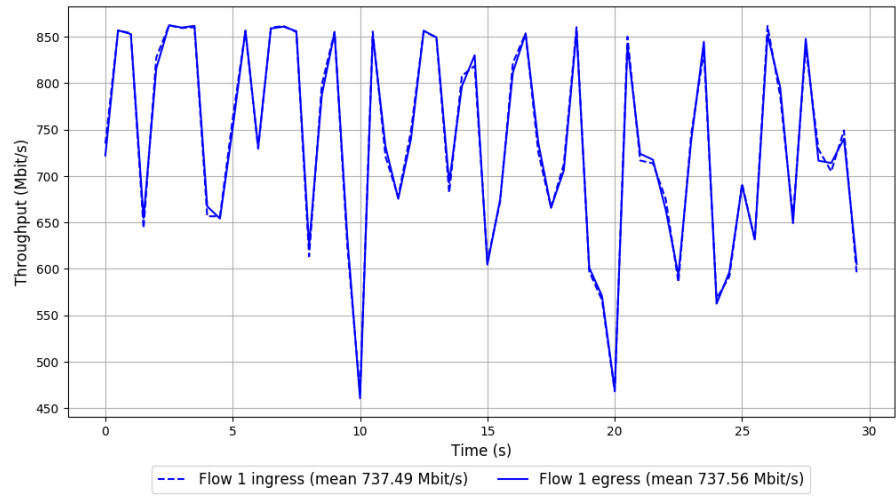
-- Flow 1:

Average throughput: 737.56 Mbit/s

95th percentile per-packet one-way delay: 8.222 ms

Loss rate: 0.01%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-11-30 11:10:55

End at: 2017-11-30 11:11:25

Local clock offset: 1.195 ms

Remote clock offset: 0.841 ms

Below is generated by plot.py at 2017-11-30 15:07:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 675.59 Mbit/s

95th percentile per-packet one-way delay: 8.440 ms

Loss rate: 0.02%

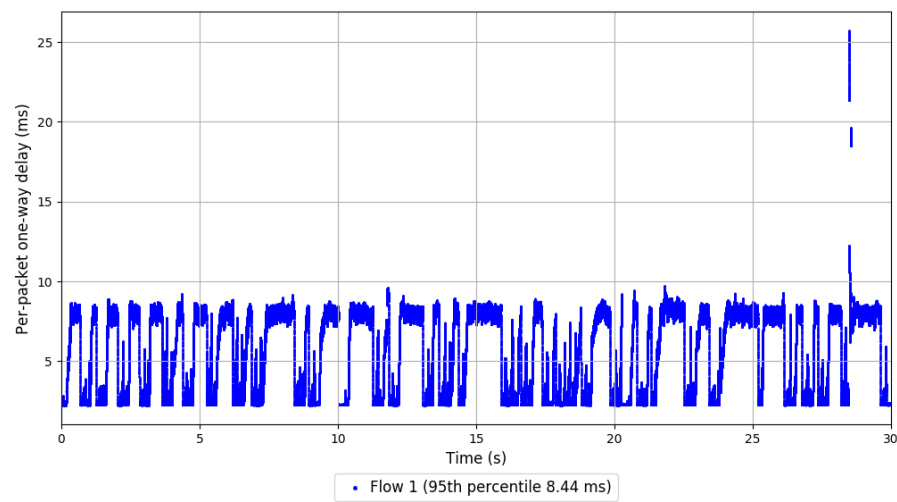
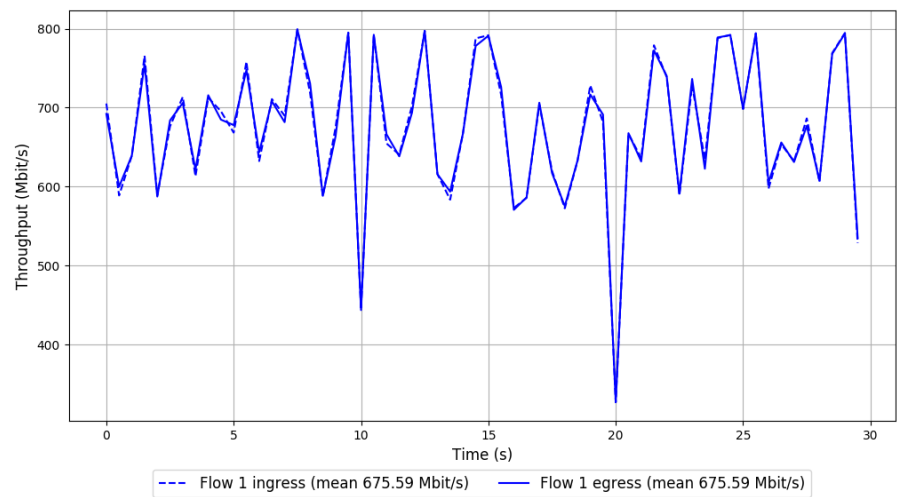
-- Flow 1:

Average throughput: 675.59 Mbit/s

95th percentile per-packet one-way delay: 8.440 ms

Loss rate: 0.02%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-11-30 11:29:05

End at: 2017-11-30 11:29:35

Local clock offset: 1.336 ms

Remote clock offset: 0.454 ms

Below is generated by plot.py at 2017-11-30 15:16:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 721.27 Mbit/s

95th percentile per-packet one-way delay: 8.498 ms

Loss rate: 0.03%

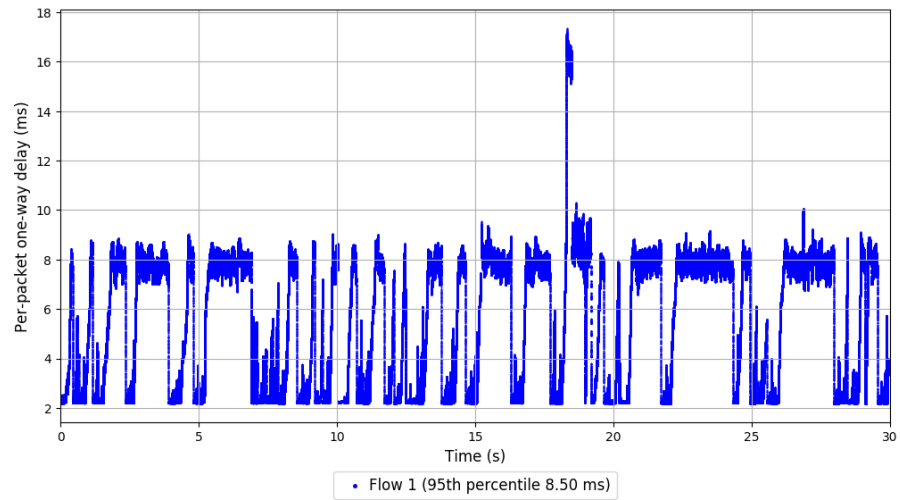
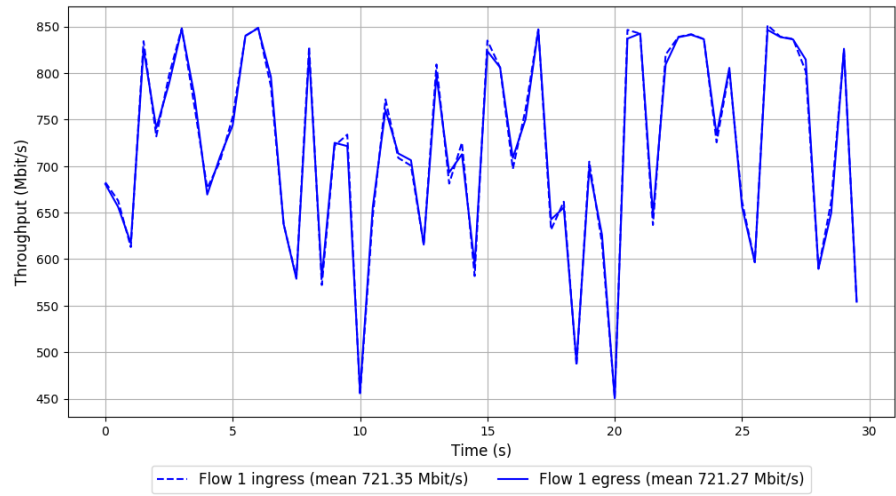
-- Flow 1:

Average throughput: 721.27 Mbit/s

95th percentile per-packet one-way delay: 8.498 ms

Loss rate: 0.03%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-11-30 11:47:03

End at: 2017-11-30 11:47:33

Local clock offset: 1.077 ms

Remote clock offset: 0.078 ms

Below is generated by plot.py at 2017-11-30 15:17:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 737.46 Mbit/s

95th percentile per-packet one-way delay: 8.453 ms

Loss rate: 0.03%

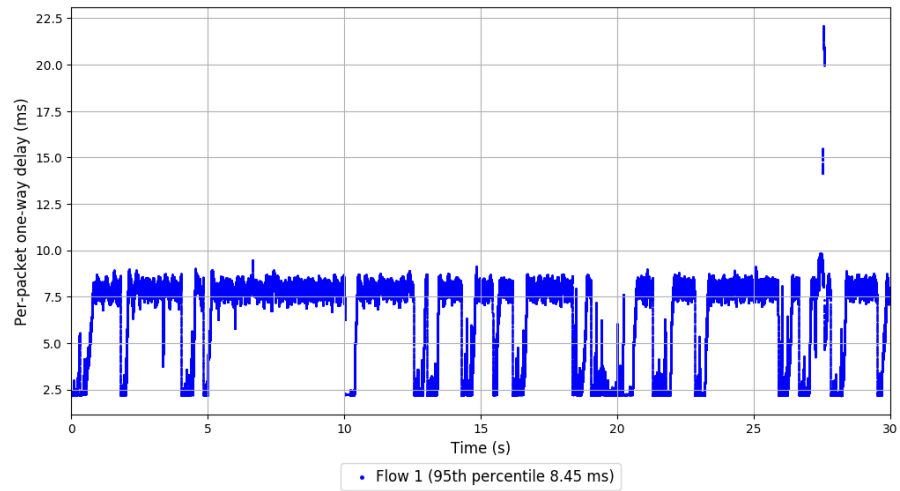
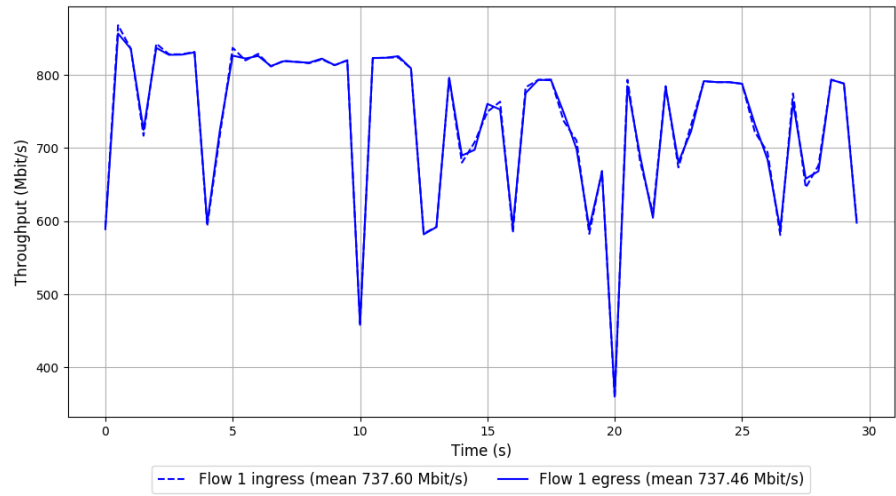
-- Flow 1:

Average throughput: 737.46 Mbit/s

95th percentile per-packet one-way delay: 8.453 ms

Loss rate: 0.03%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-11-30 08:57:26

End at: 2017-11-30 08:57:56

Local clock offset: 3.471 ms

Remote clock offset: 0.052 ms

Below is generated by plot.py at 2017-11-30 15:19:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 819.18 Mbit/s

95th percentile per-packet one-way delay: 28.491 ms

Loss rate: 0.10%

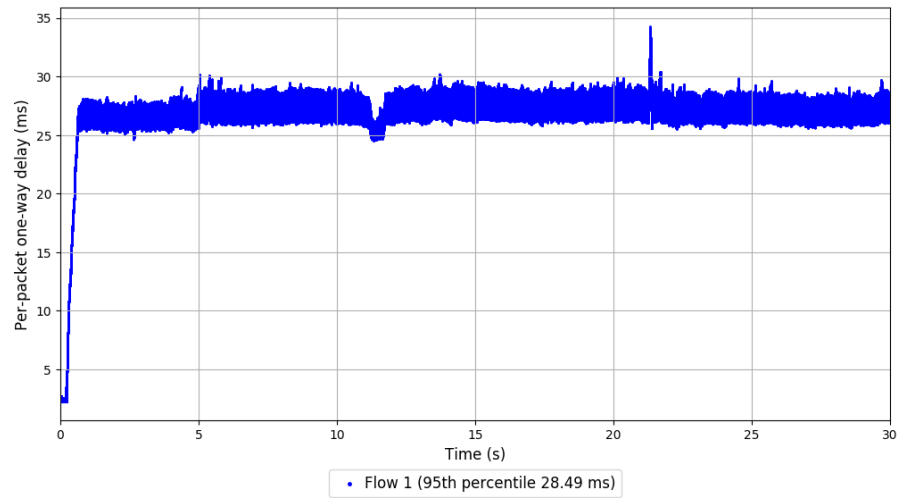
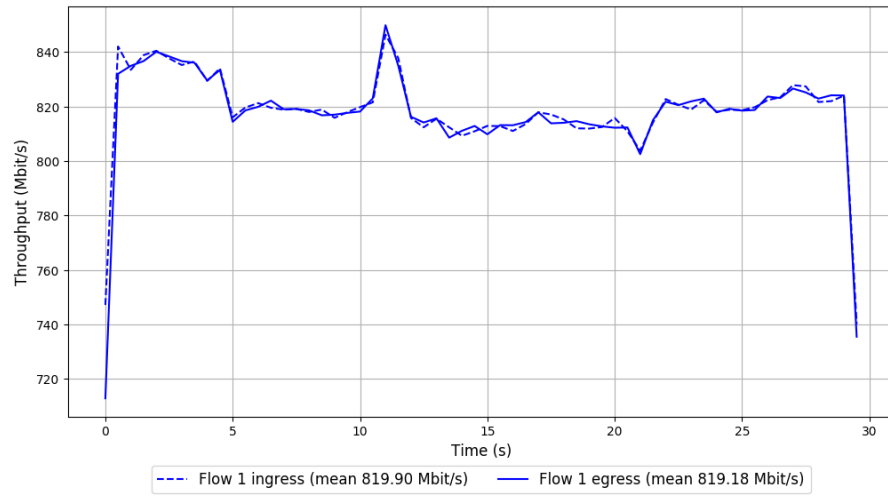
-- Flow 1:

Average throughput: 819.18 Mbit/s

95th percentile per-packet one-way delay: 28.491 ms

Loss rate: 0.10%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-11-30 09:15:43

End at: 2017-11-30 09:16:13

Local clock offset: 3.809 ms

Remote clock offset: 0.379 ms

Below is generated by plot.py at 2017-11-30 15:19:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 859.82 Mbit/s

95th percentile per-packet one-way delay: 9.728 ms

Loss rate: 0.02%

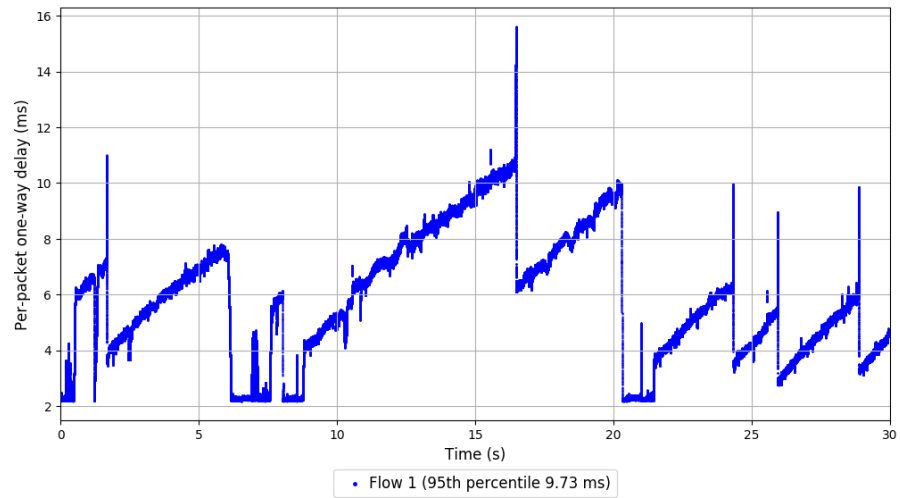
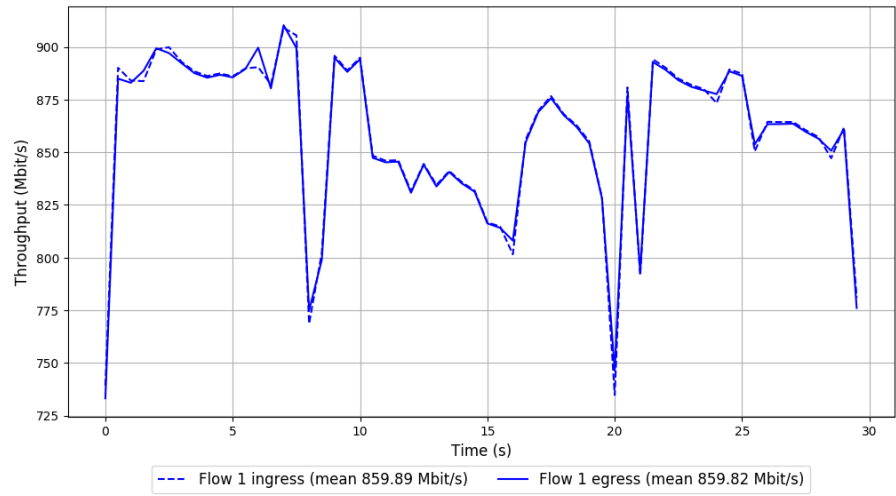
-- Flow 1:

Average throughput: 859.82 Mbit/s

95th percentile per-packet one-way delay: 9.728 ms

Loss rate: 0.02%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-11-30 09:33:52

End at: 2017-11-30 09:34:22

Local clock offset: 3.77 ms

Remote clock offset: 0.543 ms

Below is generated by plot.py at 2017-11-30 15:19:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 780.67 Mbit/s

95th percentile per-packet one-way delay: 15.403 ms

Loss rate: 0.04%

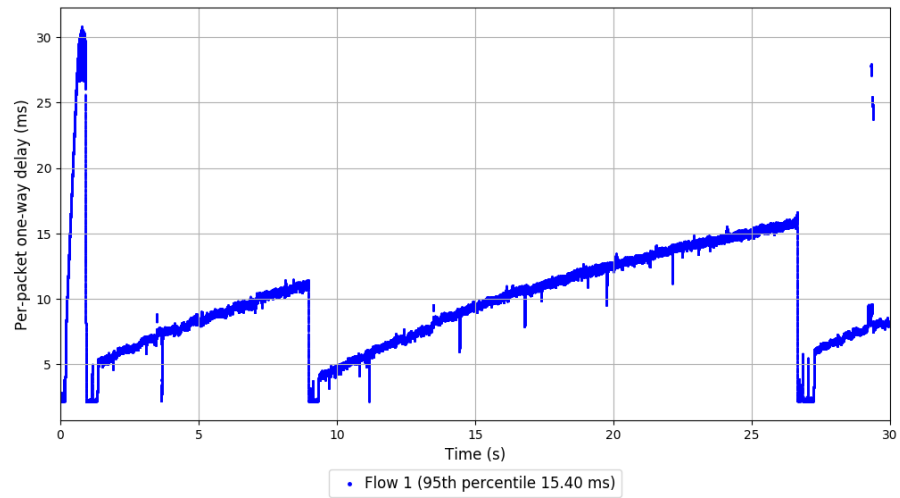
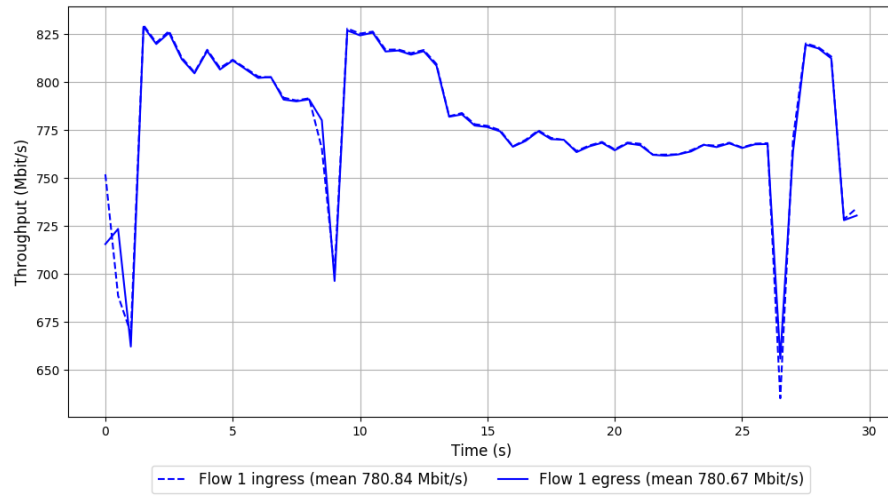
-- Flow 1:

Average throughput: 780.67 Mbit/s

95th percentile per-packet one-way delay: 15.403 ms

Loss rate: 0.04%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-11-30 09:52:09

End at: 2017-11-30 09:52:39

Local clock offset: 4.173 ms

Remote clock offset: 0.656 ms

Below is generated by plot.py at 2017-11-30 15:19:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 827.45 Mbit/s

95th percentile per-packet one-way delay: 27.110 ms

Loss rate: 0.03%

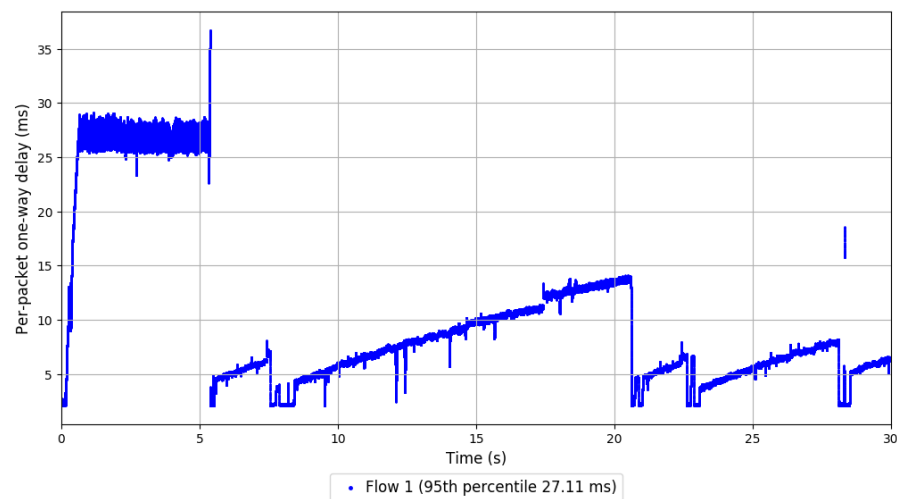
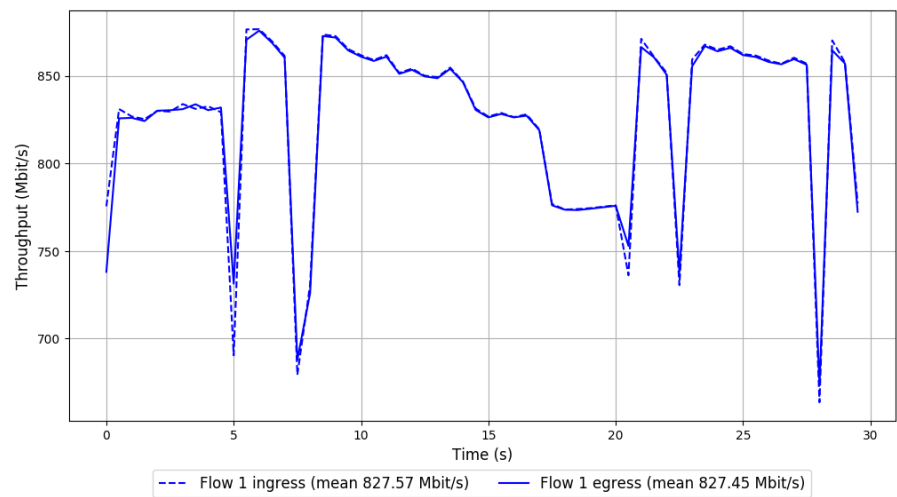
-- Flow 1:

Average throughput: 827.45 Mbit/s

95th percentile per-packet one-way delay: 27.110 ms

Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-11-30 10:10:19

End at: 2017-11-30 10:10:49

Local clock offset: 3.563 ms

Remote clock offset: 0.784 ms

Below is generated by plot.py at 2017-11-30 15:19:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 745.08 Mbit/s

95th percentile per-packet one-way delay: 29.924 ms

Loss rate: 0.04%

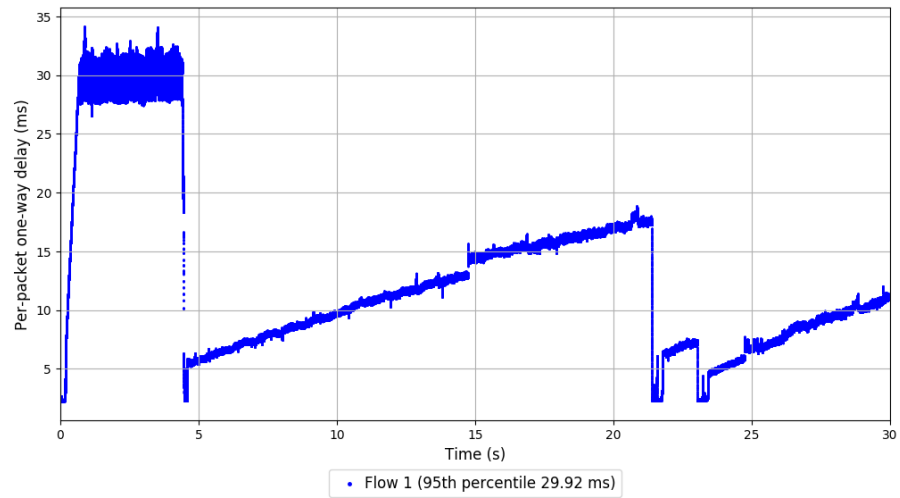
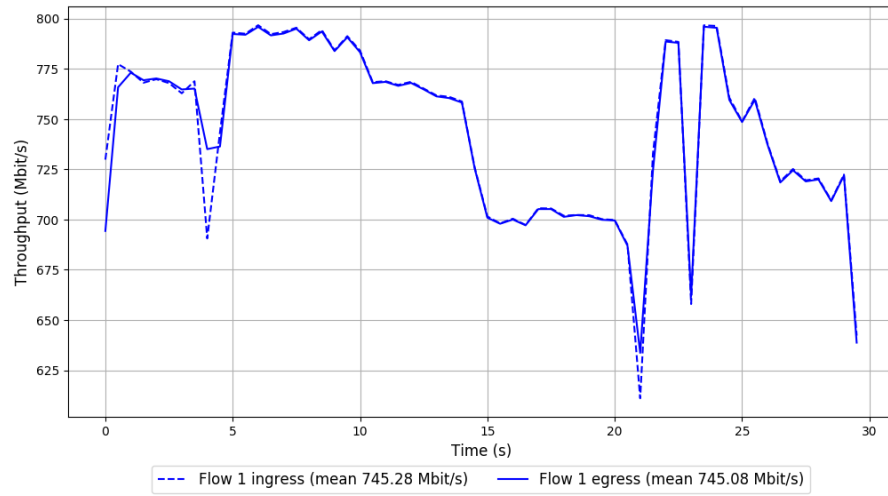
-- Flow 1:

Average throughput: 745.08 Mbit/s

95th percentile per-packet one-way delay: 29.924 ms

Loss rate: 0.04%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-11-30 10:28:19

End at: 2017-11-30 10:28:49

Local clock offset: 2.668 ms

Remote clock offset: 0.815 ms

Below is generated by plot.py at 2017-11-30 15:19:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 801.25 Mbit/s

95th percentile per-packet one-way delay: 29.427 ms

Loss rate: 0.10%

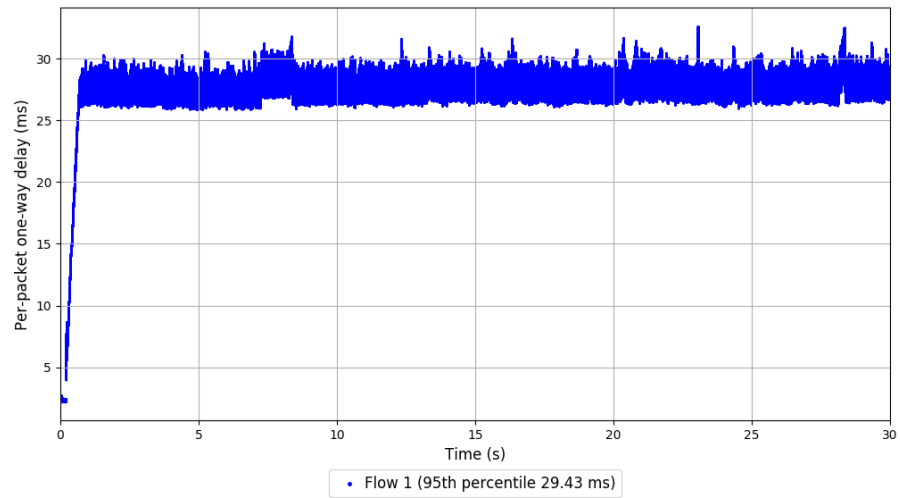
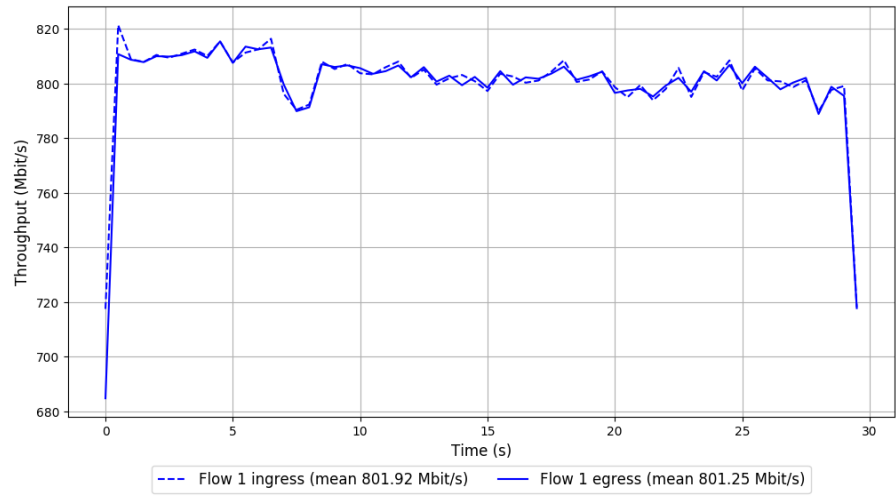
-- Flow 1:

Average throughput: 801.25 Mbit/s

95th percentile per-packet one-way delay: 29.427 ms

Loss rate: 0.10%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-11-30 10:46:26

End at: 2017-11-30 10:46:56

Local clock offset: 1.543 ms

Remote clock offset: 0.88 ms

Below is generated by plot.py at 2017-11-30 15:29:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 832.20 Mbit/s

95th percentile per-packet one-way delay: 8.875 ms

Loss rate: 0.03%

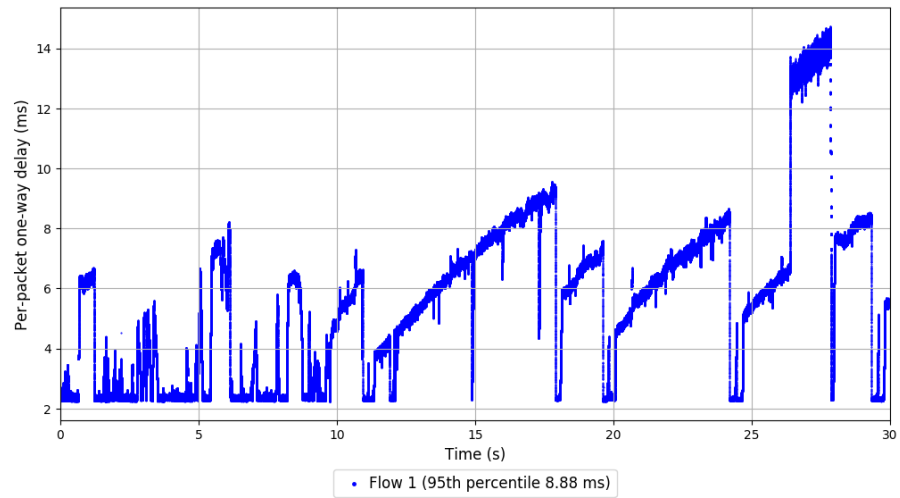
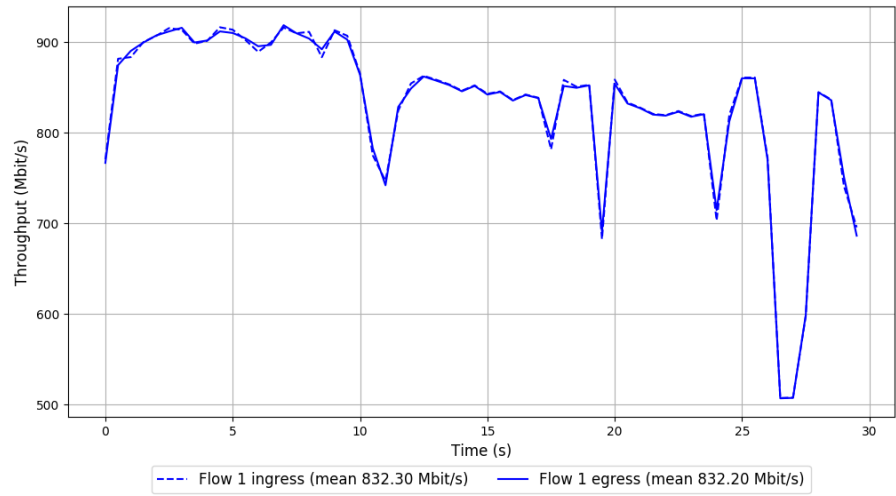
-- Flow 1:

Average throughput: 832.20 Mbit/s

95th percentile per-packet one-way delay: 8.875 ms

Loss rate: 0.03%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-11-30 11:04:29

End at: 2017-11-30 11:04:59

Local clock offset: 1.32 ms

Remote clock offset: 0.854 ms

Below is generated by plot.py at 2017-11-30 15:29:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 326.09 Mbit/s

95th percentile per-packet one-way delay: 2.449 ms

Loss rate: 0.02%

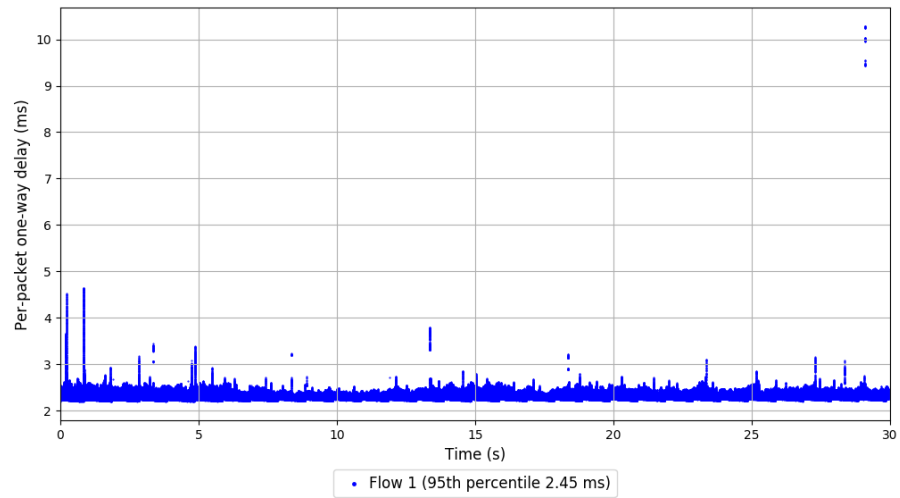
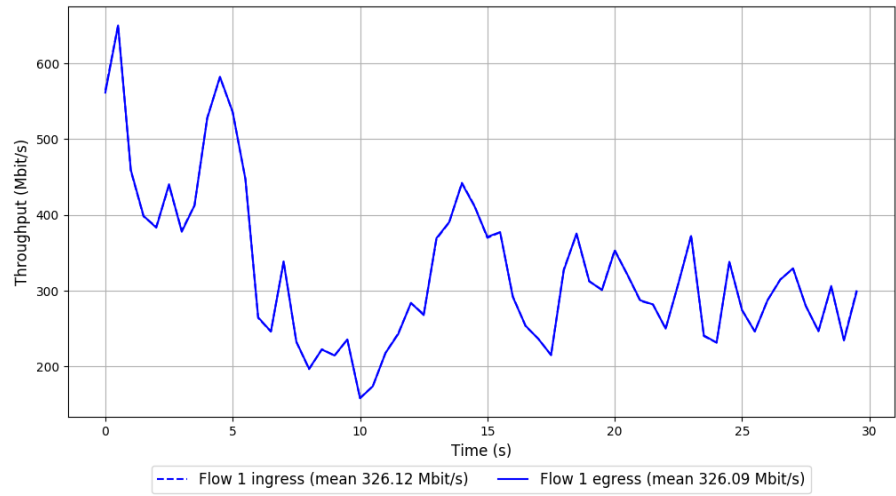
-- Flow 1:

Average throughput: 326.09 Mbit/s

95th percentile per-packet one-way delay: 2.449 ms

Loss rate: 0.02%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-11-30 11:22:01

End at: 2017-11-30 11:22:31

Local clock offset: 1.178 ms

Remote clock offset: 0.622 ms

Below is generated by plot.py at 2017-11-30 15:29:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 813.12 Mbit/s

95th percentile per-packet one-way delay: 28.781 ms

Loss rate: 0.03%

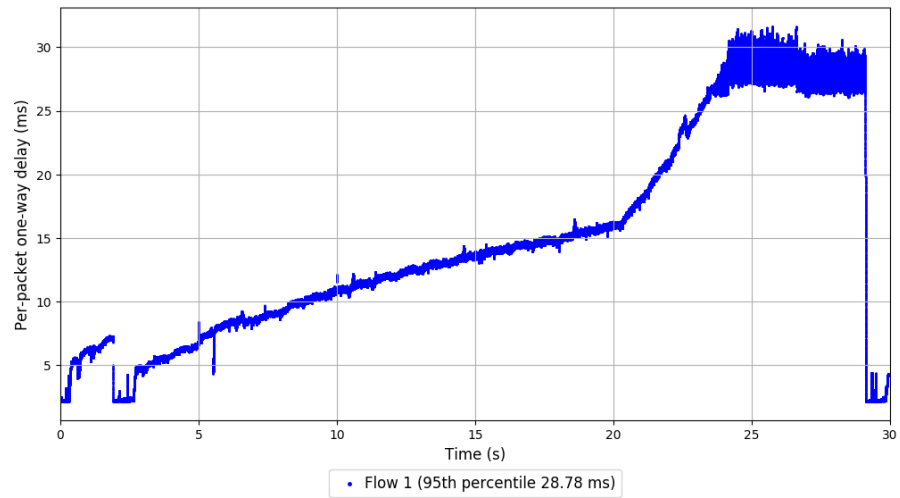
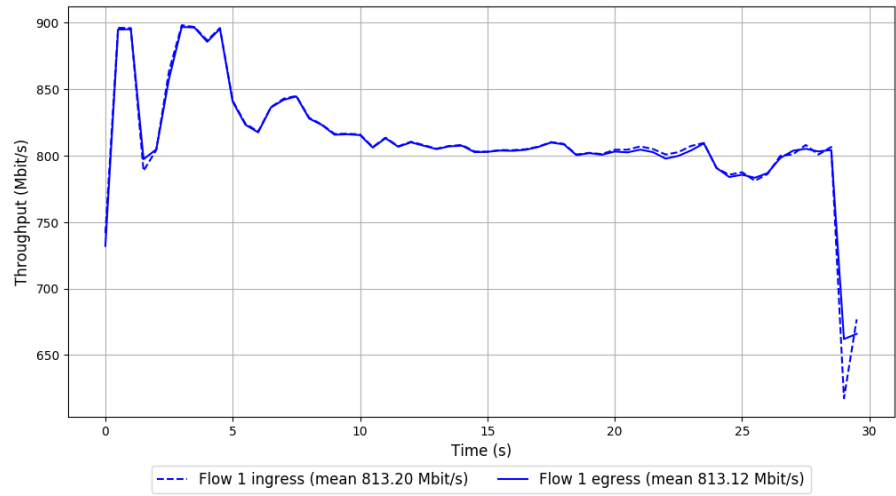
-- Flow 1:

Average throughput: 813.12 Mbit/s

95th percentile per-packet one-way delay: 28.781 ms

Loss rate: 0.03%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-11-30 11:40:15

End at: 2017-11-30 11:40:45

Local clock offset: 1.267 ms

Remote clock offset: 0.278 ms

Below is generated by plot.py at 2017-11-30 15:29:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 781.09 Mbit/s

95th percentile per-packet one-way delay: 11.098 ms

Loss rate: 0.03%

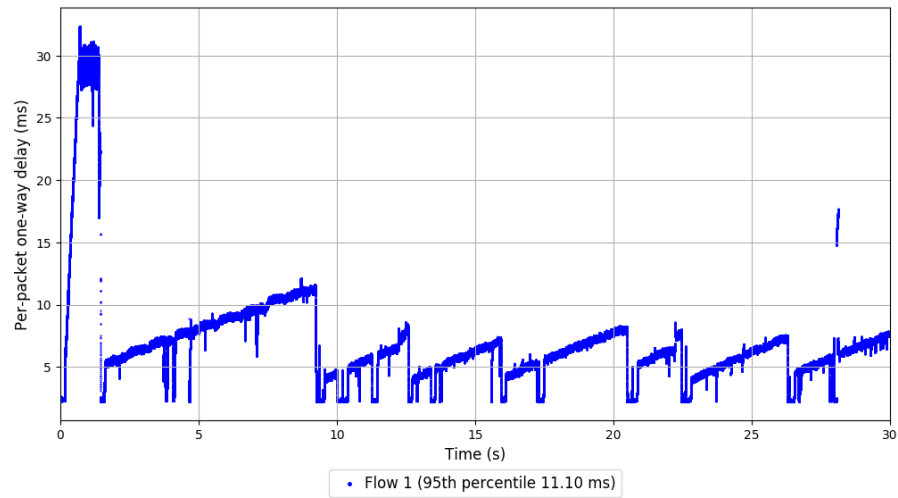
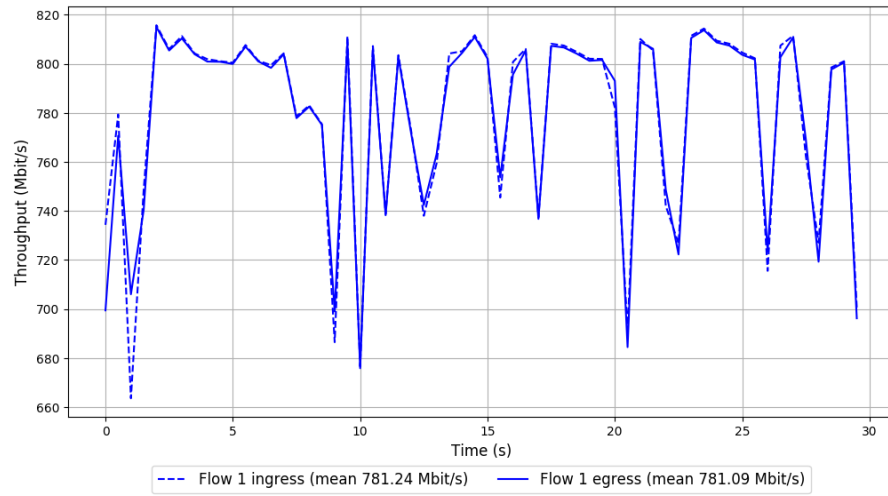
-- Flow 1:

Average throughput: 781.09 Mbit/s

95th percentile per-packet one-way delay: 11.098 ms

Loss rate: 0.03%

Run 10: Report of TCP Cubic — Data Link

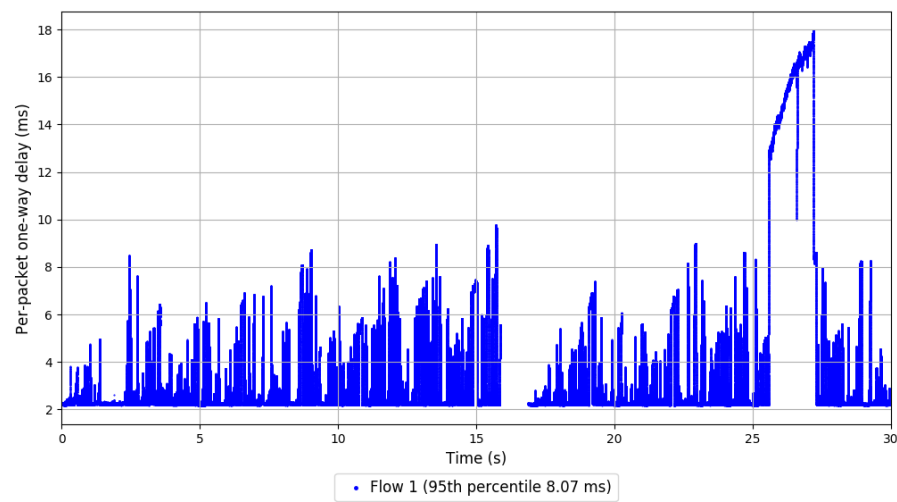
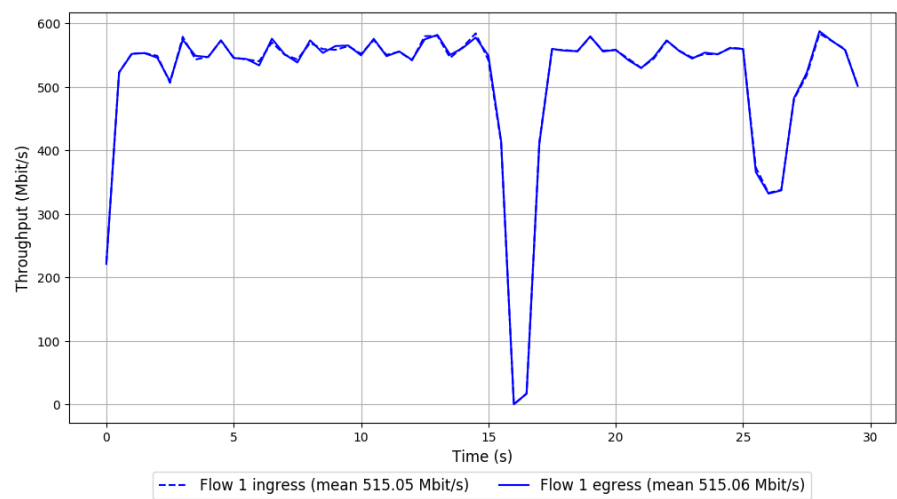


```
Run 1: Statistics of LEDBAT

Start at: 2017-11-30 09:01:54
End at: 2017-11-30 09:02:24
Local clock offset: 3.581 ms
Remote clock offset: 0.19 ms

# Below is generated by plot.py at 2017-11-30 15:29:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 515.06 Mbit/s
95th percentile per-packet one-way delay: 8.073 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 515.06 Mbit/s
95th percentile per-packet one-way delay: 8.073 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-11-30 09:20:03

End at: 2017-11-30 09:20:33

Local clock offset: 3.801 ms

Remote clock offset: 0.37 ms

Below is generated by plot.py at 2017-11-30 15:29:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 491.69 Mbit/s

95th percentile per-packet one-way delay: 4.398 ms

Loss rate: 0.03%

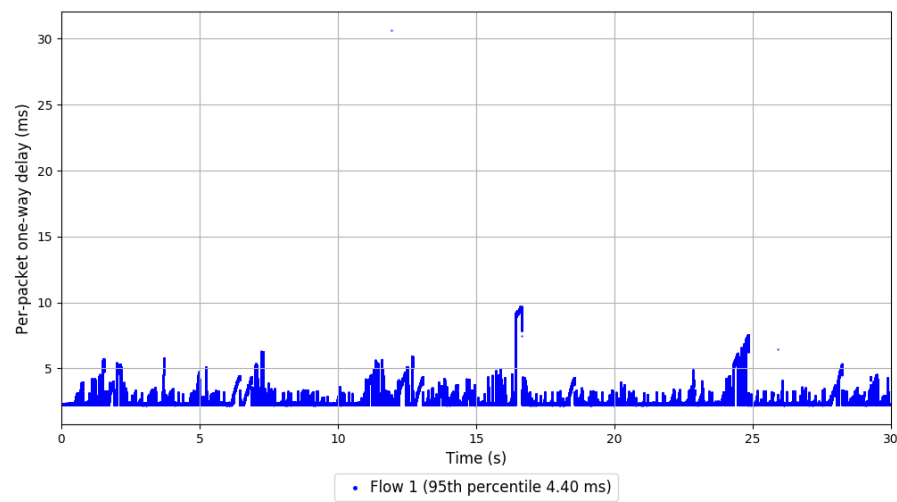
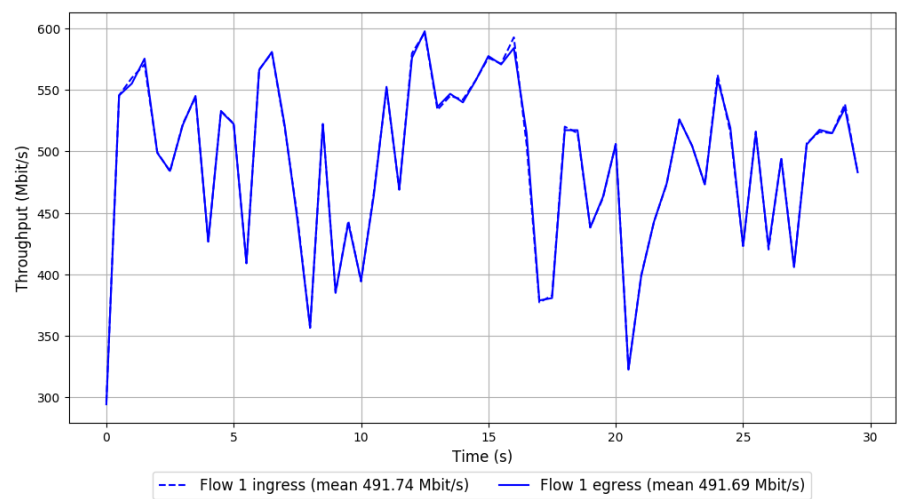
-- Flow 1:

Average throughput: 491.69 Mbit/s

95th percentile per-packet one-way delay: 4.398 ms

Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-11-30 09:38:18

End at: 2017-11-30 09:38:48

Local clock offset: 3.816 ms

Remote clock offset: 0.572 ms

Below is generated by plot.py at 2017-11-30 15:29:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 527.44 Mbit/s

95th percentile per-packet one-way delay: 12.053 ms

Loss rate: 0.04%

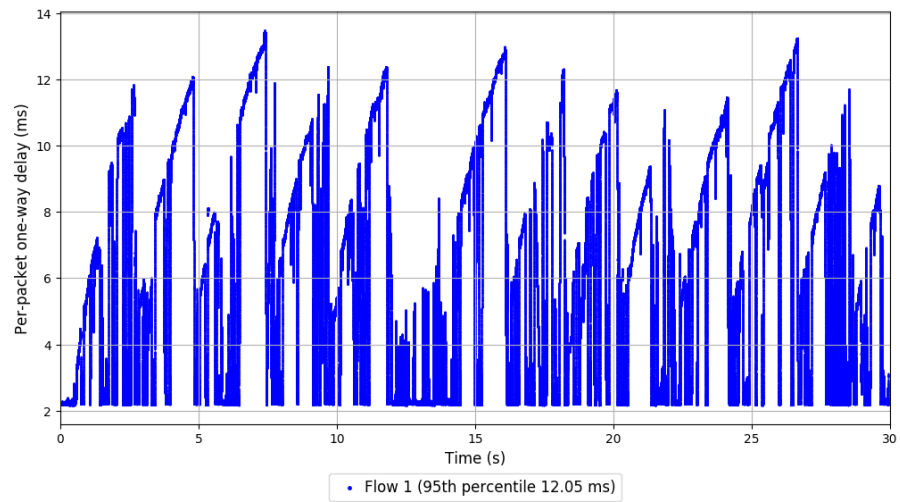
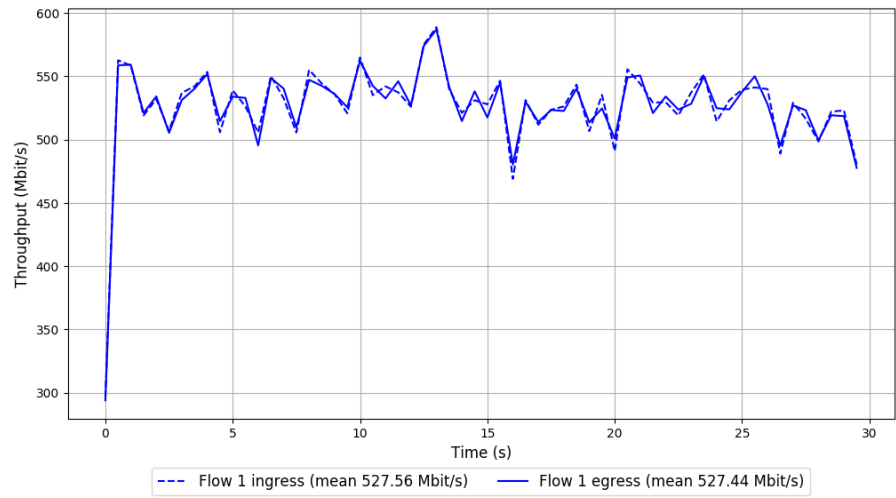
-- Flow 1:

Average throughput: 527.44 Mbit/s

95th percentile per-packet one-way delay: 12.053 ms

Loss rate: 0.04%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-11-30 09:56:25

End at: 2017-11-30 09:56:55

Local clock offset: 4.183 ms

Remote clock offset: 0.696 ms

Below is generated by plot.py at 2017-11-30 15:29:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 539.68 Mbit/s

95th percentile per-packet one-way delay: 10.634 ms

Loss rate: 0.04%

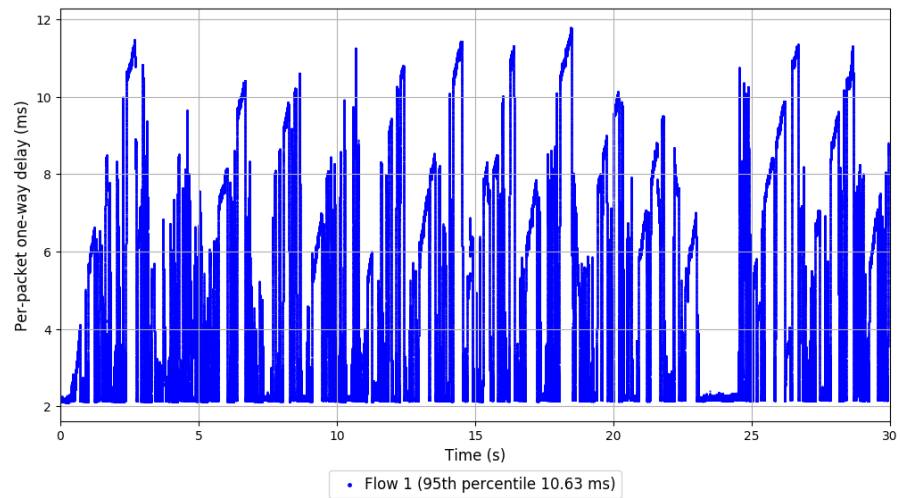
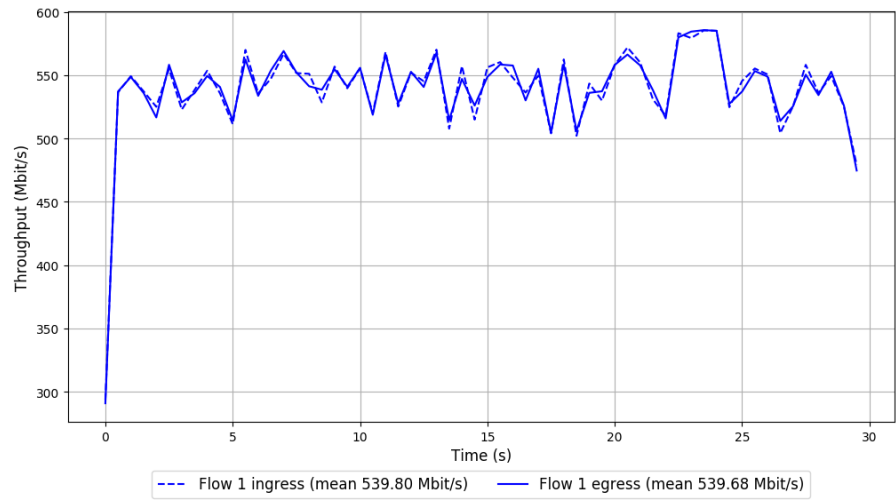
-- Flow 1:

Average throughput: 539.68 Mbit/s

95th percentile per-packet one-way delay: 10.634 ms

Loss rate: 0.04%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-11-30 10:14:30

End at: 2017-11-30 10:15:00

Local clock offset: 3.065 ms

Remote clock offset: 0.774 ms

Below is generated by plot.py at 2017-11-30 15:29:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 520.85 Mbit/s

95th percentile per-packet one-way delay: 11.181 ms

Loss rate: 0.04%

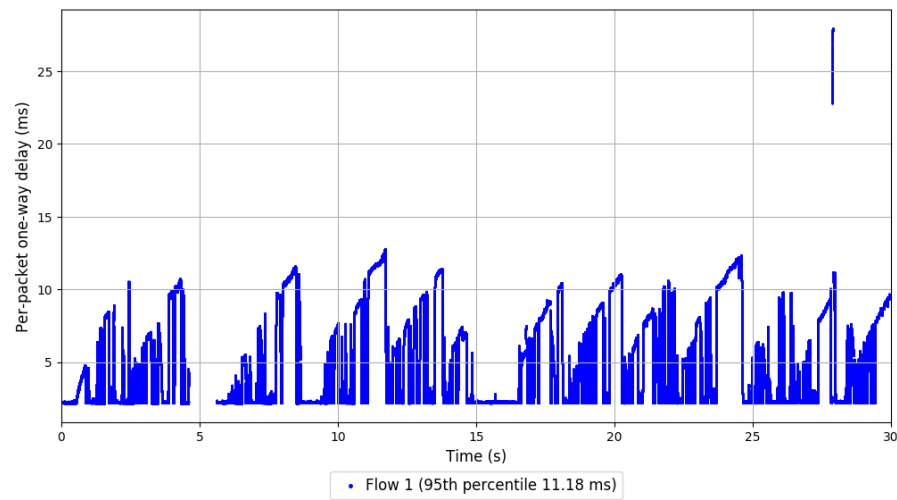
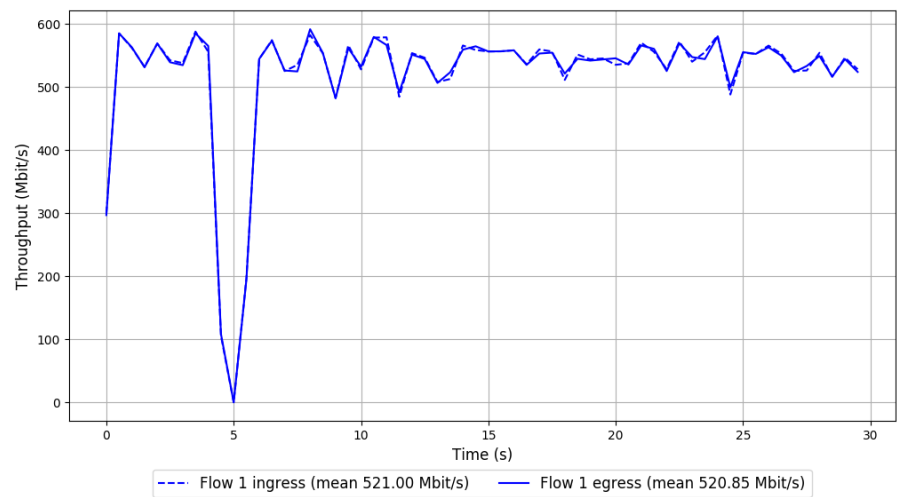
-- Flow 1:

Average throughput: 520.85 Mbit/s

95th percentile per-packet one-way delay: 11.181 ms

Loss rate: 0.04%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-11-30 10:32:42

End at: 2017-11-30 10:33:12

Local clock offset: 2.382 ms

Remote clock offset: 0.833 ms

Below is generated by plot.py at 2017-11-30 15:34:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 520.43 Mbit/s

95th percentile per-packet one-way delay: 9.515 ms

Loss rate: 0.02%

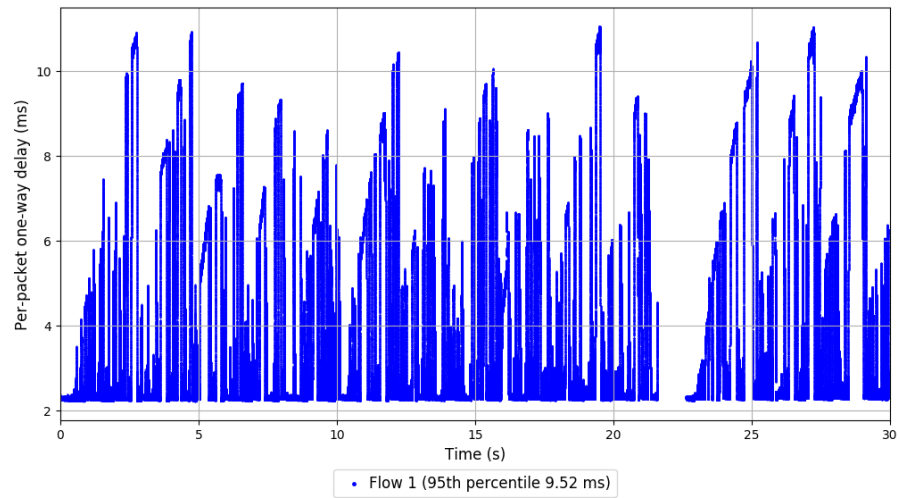
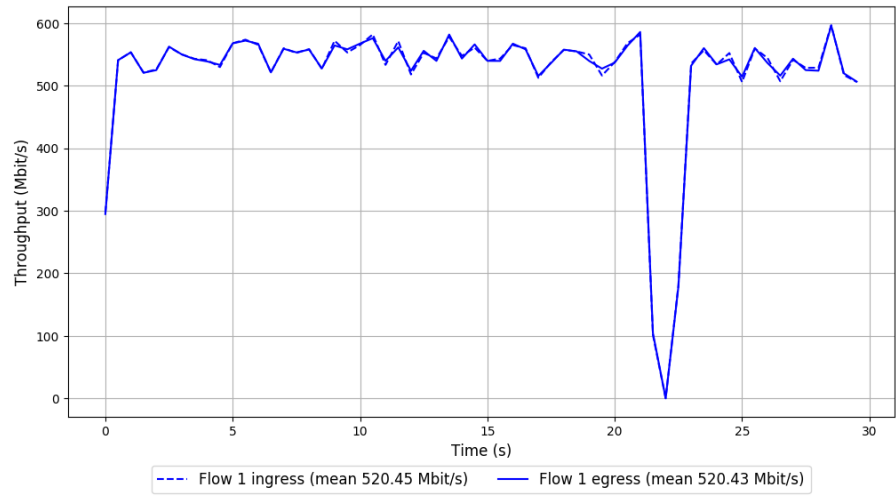
-- Flow 1:

Average throughput: 520.43 Mbit/s

95th percentile per-packet one-way delay: 9.515 ms

Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-11-30 10:50:45

End at: 2017-11-30 10:51:15

Local clock offset: 1.397 ms

Remote clock offset: 0.904 ms

Below is generated by plot.py at 2017-11-30 15:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 512.40 Mbit/s

95th percentile per-packet one-way delay: 12.242 ms

Loss rate: 0.01%

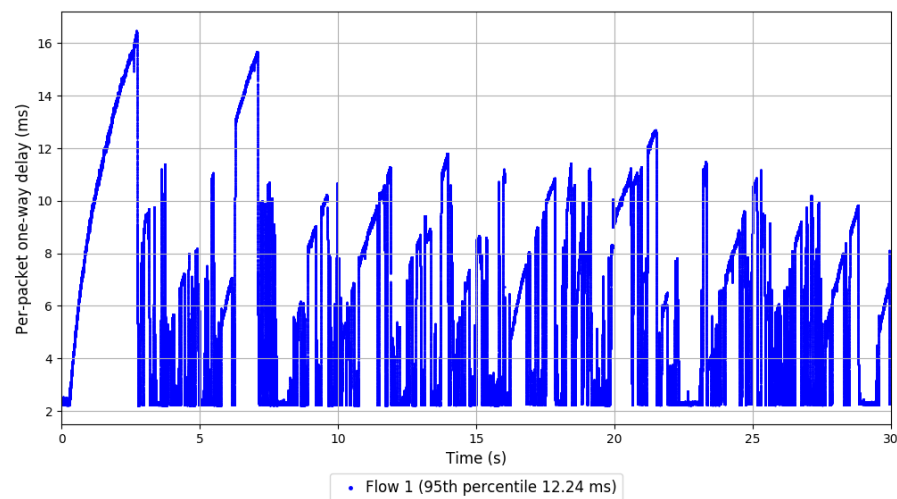
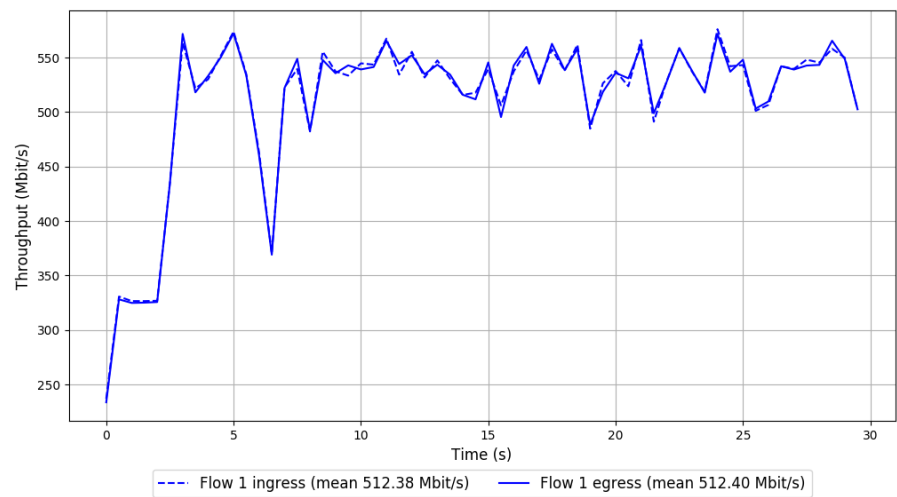
-- Flow 1:

Average throughput: 512.40 Mbit/s

95th percentile per-packet one-way delay: 12.242 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-11-30 11:08:22

End at: 2017-11-30 11:08:52

Local clock offset: 1.244 ms

Remote clock offset: 0.883 ms

Below is generated by plot.py at 2017-11-30 15:34:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 501.89 Mbit/s

95th percentile per-packet one-way delay: 9.596 ms

Loss rate: 0.02%

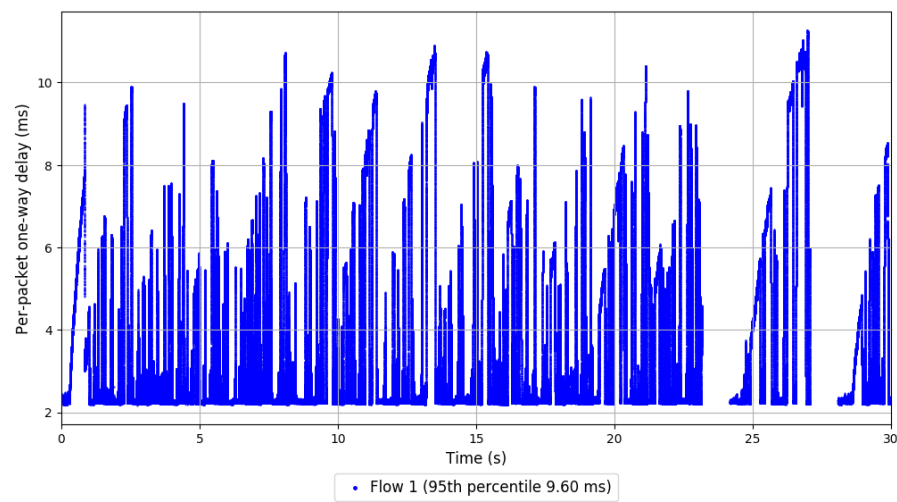
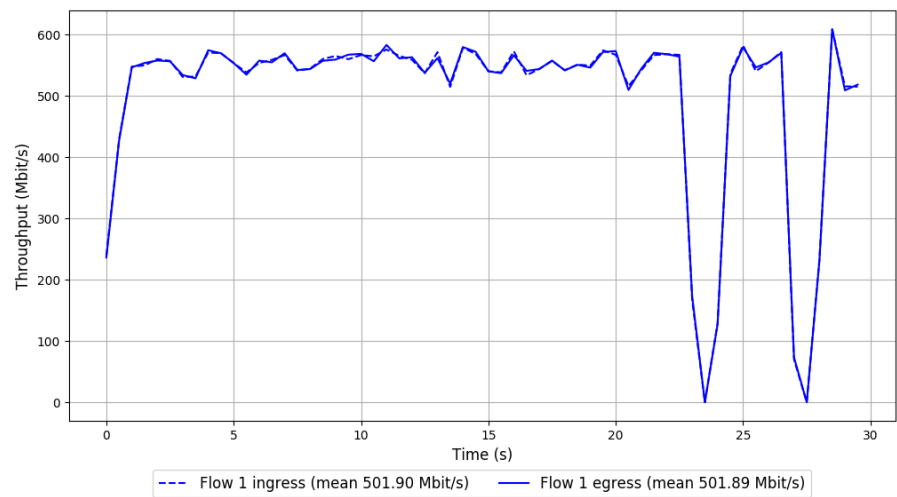
-- Flow 1:

Average throughput: 501.89 Mbit/s

95th percentile per-packet one-way delay: 9.596 ms

Loss rate: 0.02%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-11-30 11:26:30

End at: 2017-11-30 11:27:00

Local clock offset: 1.201 ms

Remote clock offset: 0.439 ms

Below is generated by plot.py at 2017-11-30 15:35:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 555.24 Mbit/s

95th percentile per-packet one-way delay: 6.341 ms

Loss rate: 0.02%

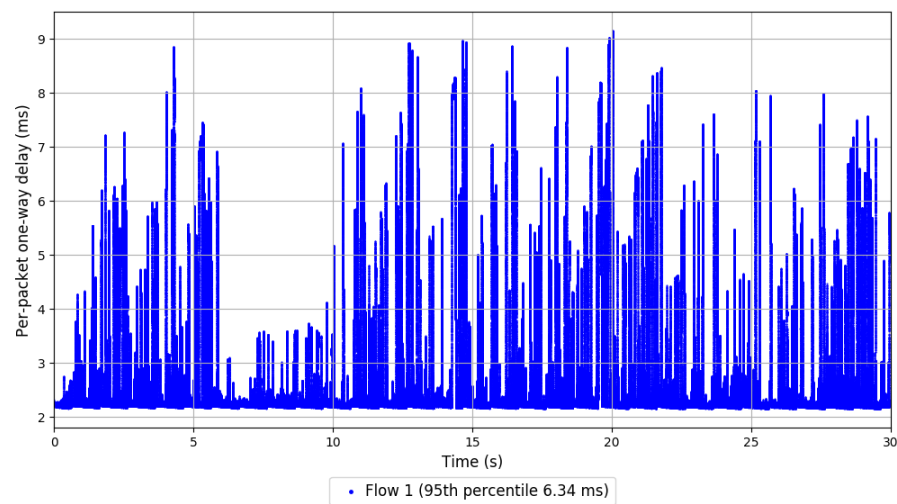
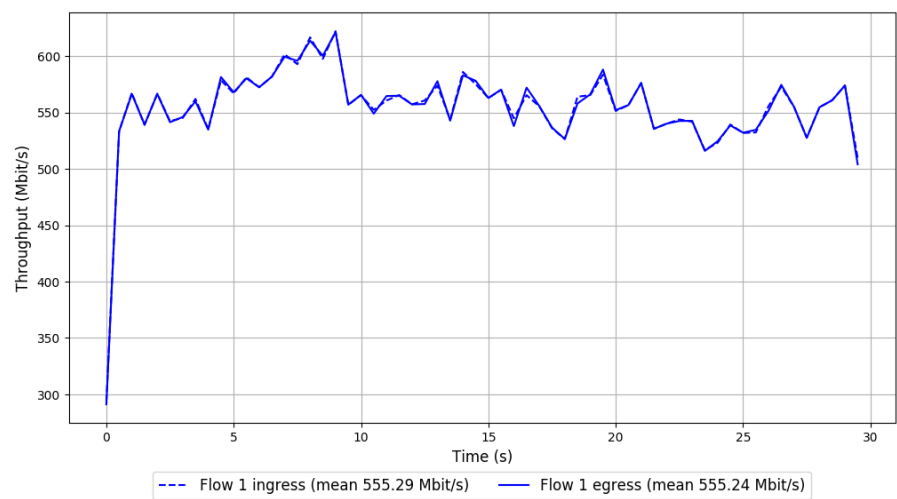
-- Flow 1:

Average throughput: 555.24 Mbit/s

95th percentile per-packet one-way delay: 6.341 ms

Loss rate: 0.02%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-11-30 11:44:28

End at: 2017-11-30 11:44:58

Local clock offset: 1.048 ms

Remote clock offset: 0.058 ms

Below is generated by plot.py at 2017-11-30 15:36:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 539.06 Mbit/s

95th percentile per-packet one-way delay: 10.966 ms

Loss rate: 0.03%

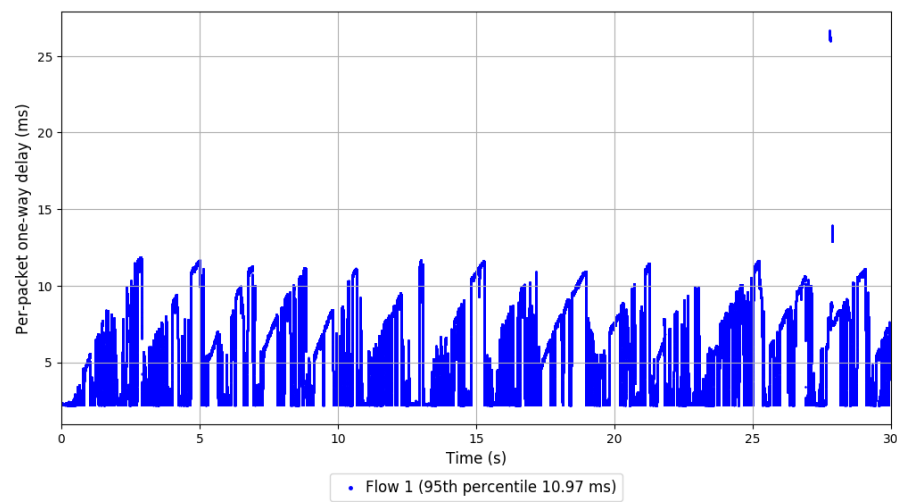
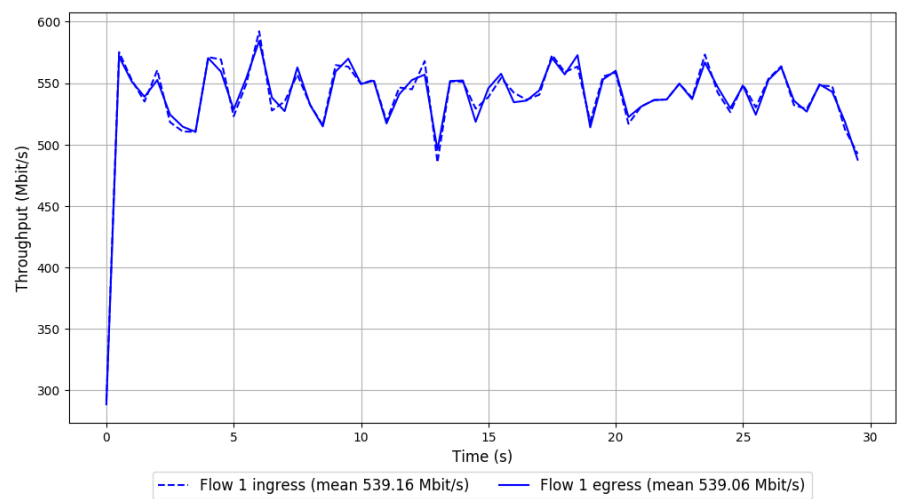
-- Flow 1:

Average throughput: 539.06 Mbit/s

95th percentile per-packet one-way delay: 10.966 ms

Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2017-11-30 08:53:37

End at: 2017-11-30 08:54:07

Local clock offset: 3.4 ms

Remote clock offset: 0.081 ms

Below is generated by plot.py at 2017-11-30 15:42:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 918.58 Mbit/s

95th percentile per-packet one-way delay: 2.987 ms

Loss rate: 0.02%

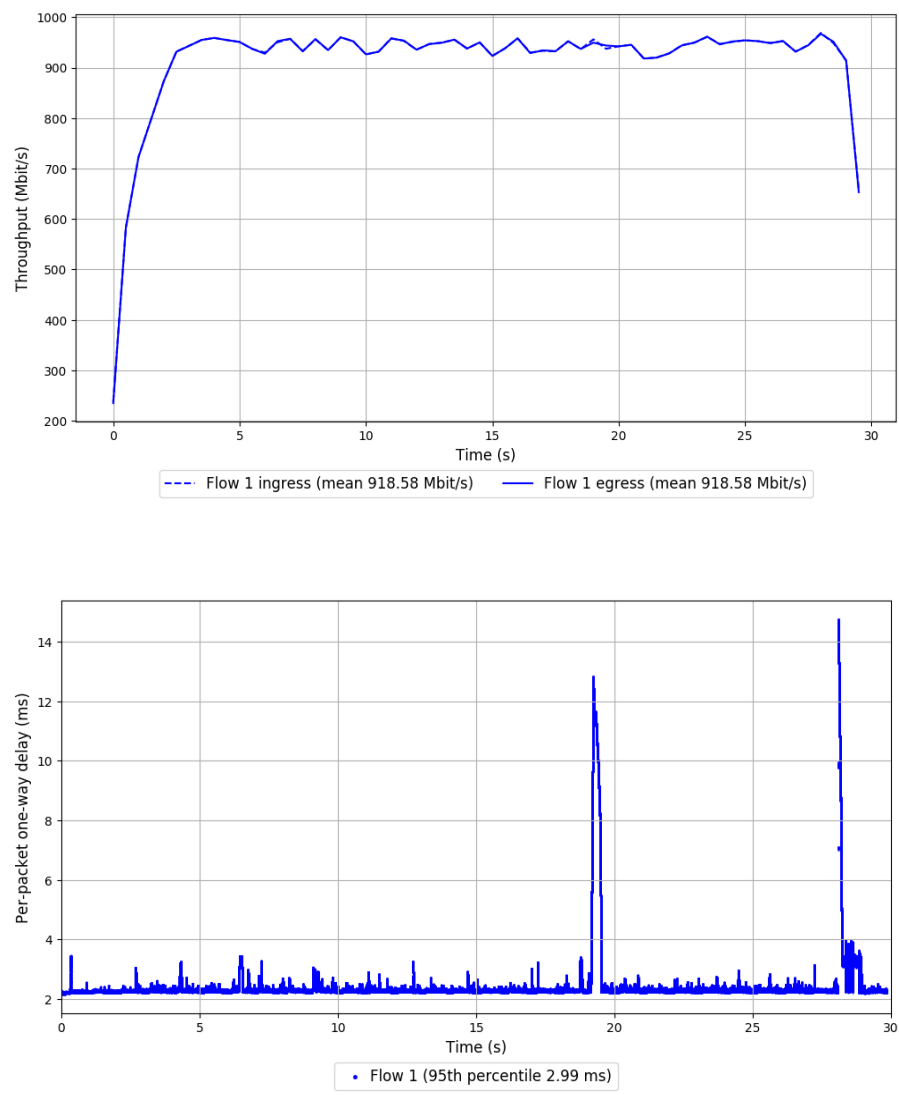
-- Flow 1:

Average throughput: 918.58 Mbit/s

95th percentile per-packet one-way delay: 2.987 ms

Loss rate: 0.02%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-11-30 09:11:55

End at: 2017-11-30 09:12:25

Local clock offset: 3.89 ms

Remote clock offset: 0.257 ms

Below is generated by plot.py at 2017-11-30 15:42:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 929.65 Mbit/s

95th percentile per-packet one-way delay: 2.621 ms

Loss rate: 0.02%

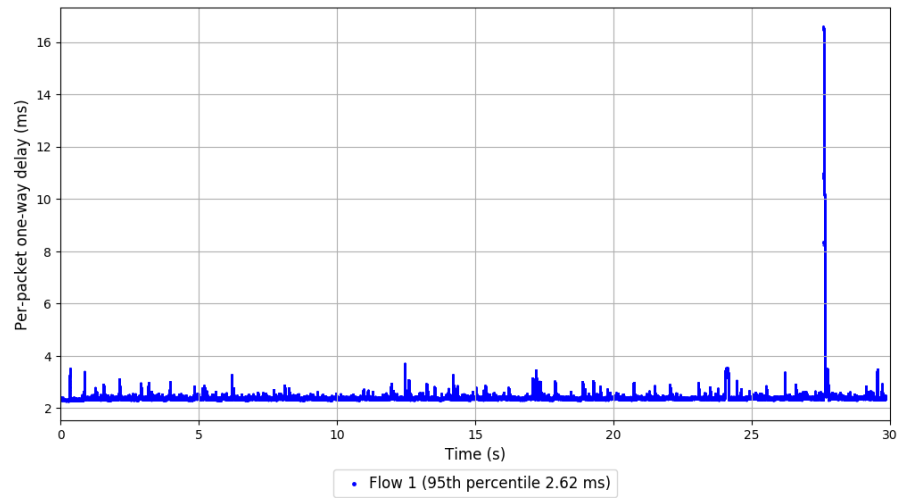
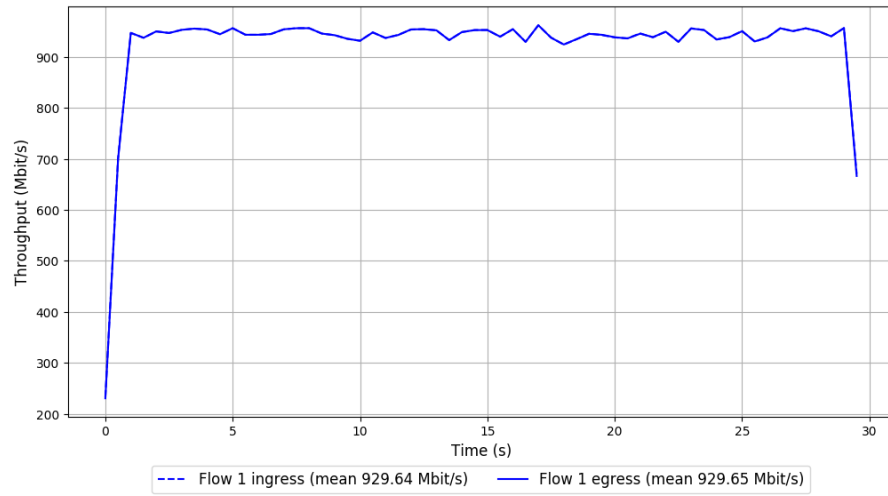
-- Flow 1:

Average throughput: 929.65 Mbit/s

95th percentile per-packet one-way delay: 2.621 ms

Loss rate: 0.02%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-11-30 09:30:03

End at: 2017-11-30 09:30:33

Local clock offset: 3.698 ms

Remote clock offset: 0.45 ms

Below is generated by plot.py at 2017-11-30 15:42:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 927.65 Mbit/s

95th percentile per-packet one-way delay: 2.691 ms

Loss rate: 0.02%

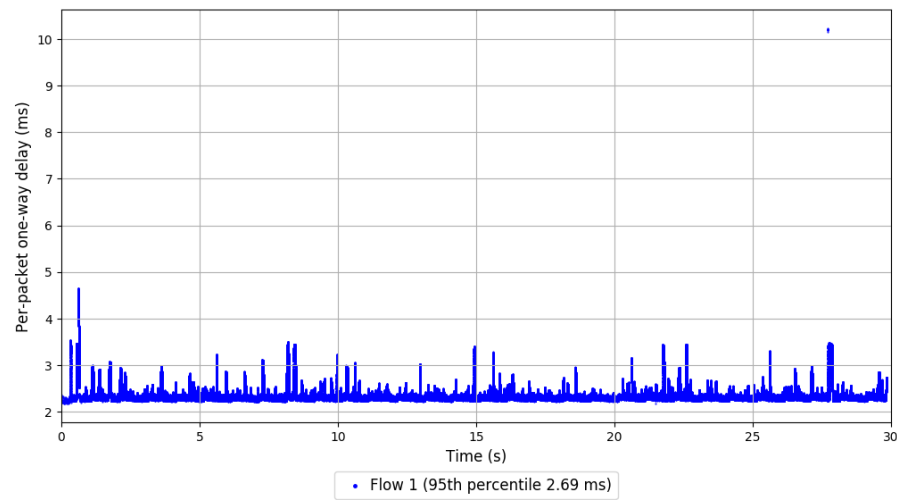
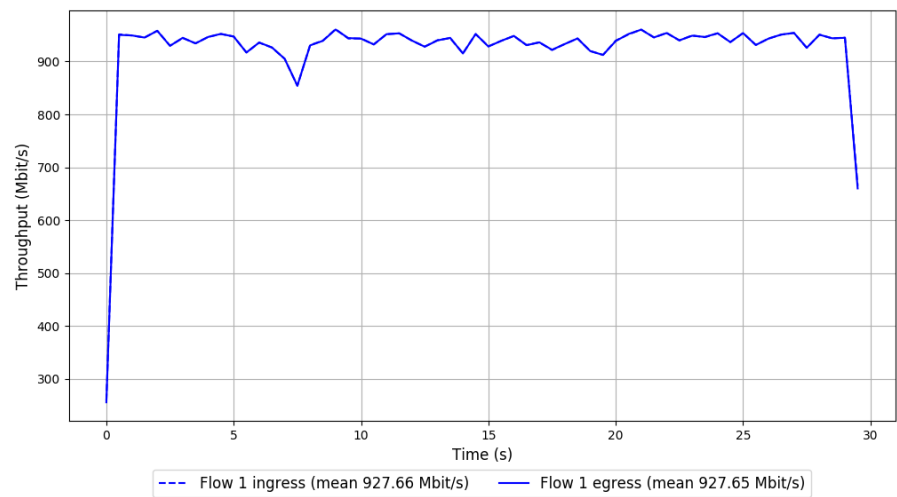
-- Flow 1:

Average throughput: 927.65 Mbit/s

95th percentile per-packet one-way delay: 2.691 ms

Loss rate: 0.02%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-11-30 09:48:20

End at: 2017-11-30 09:48:50

Local clock offset: 4.112 ms

Remote clock offset: 0.631 ms

Below is generated by plot.py at 2017-11-30 15:48:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 933.58 Mbit/s

95th percentile per-packet one-way delay: 2.593 ms

Loss rate: 0.02%

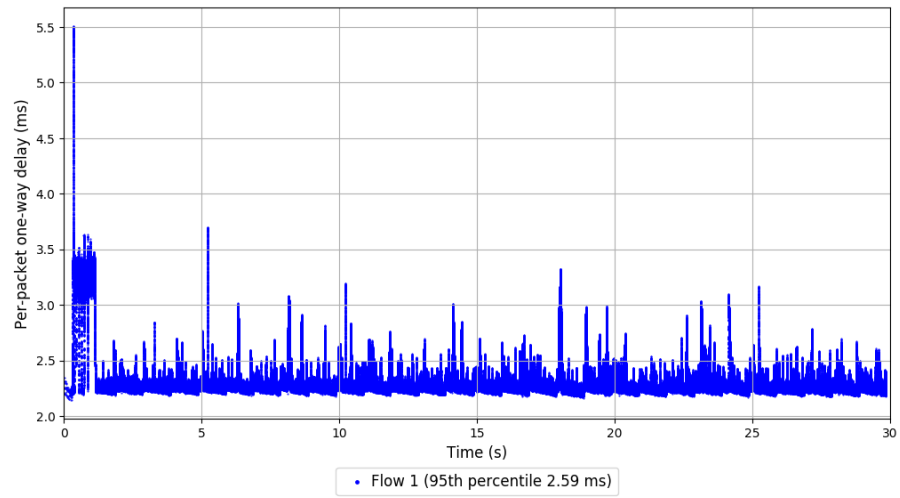
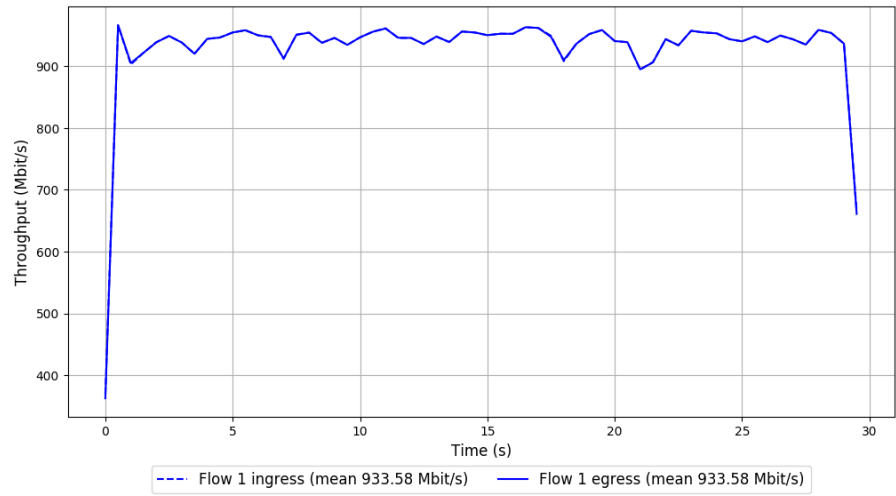
-- Flow 1:

Average throughput: 933.58 Mbit/s

95th percentile per-packet one-way delay: 2.593 ms

Loss rate: 0.02%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-11-30 10:06:29

End at: 2017-11-30 10:06:59

Local clock offset: 3.997 ms

Remote clock offset: 0.748 ms

Below is generated by plot.py at 2017-11-30 15:48:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 917.06 Mbit/s

95th percentile per-packet one-way delay: 3.020 ms

Loss rate: 0.02%

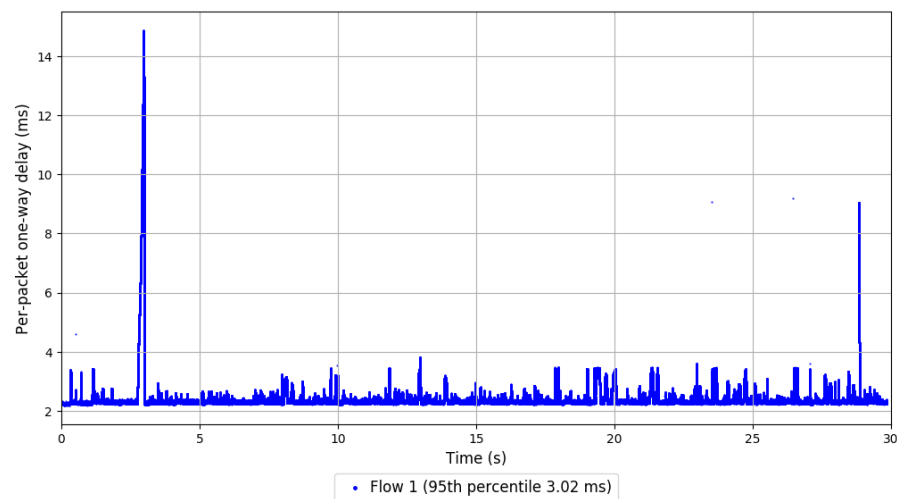
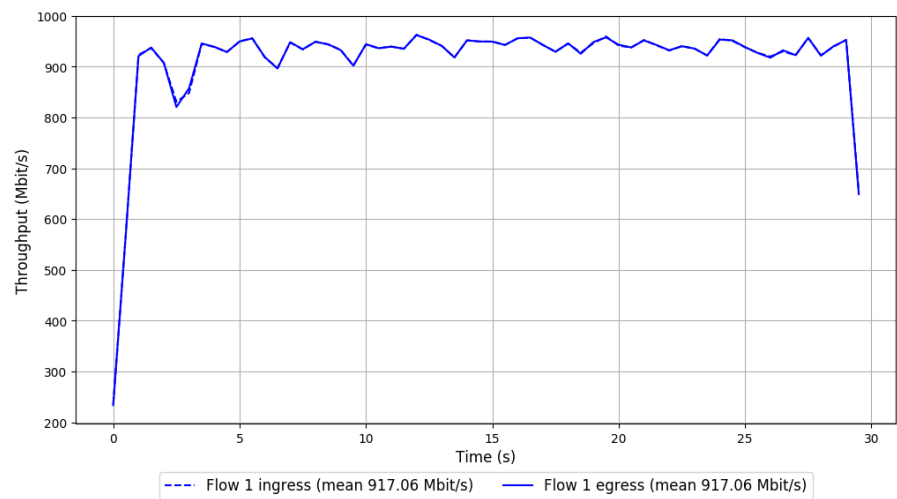
-- Flow 1:

Average throughput: 917.06 Mbit/s

95th percentile per-packet one-way delay: 3.020 ms

Loss rate: 0.02%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-11-30 10:24:31

End at: 2017-11-30 10:25:01

Local clock offset: 2.69 ms

Remote clock offset: 0.81 ms

Below is generated by plot.py at 2017-11-30 15:48:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 911.47 Mbit/s

95th percentile per-packet one-way delay: 2.752 ms

Loss rate: 0.02%

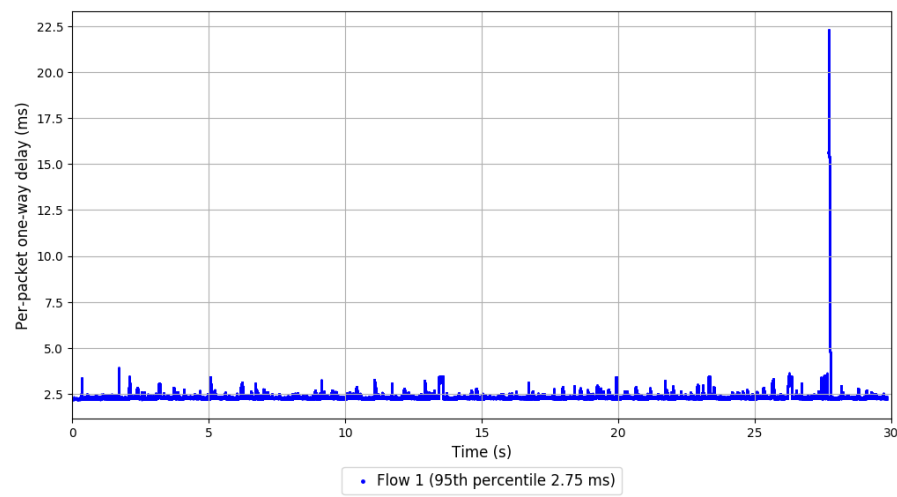
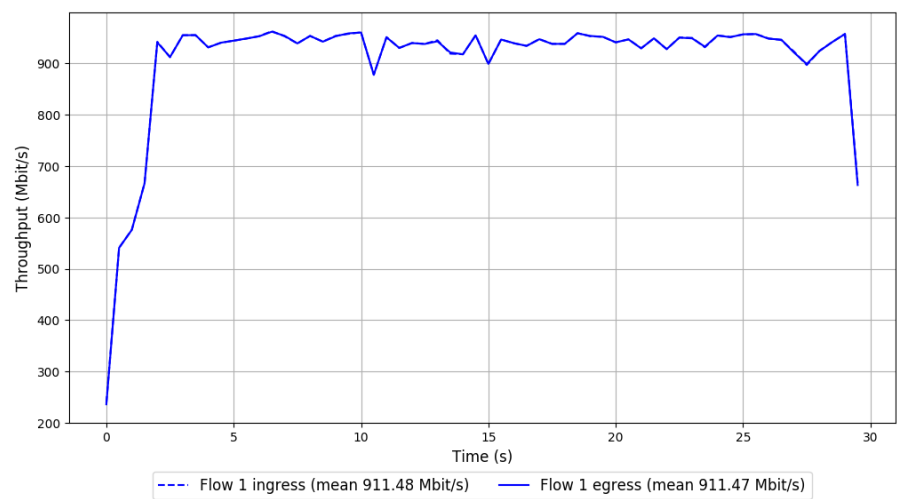
-- Flow 1:

Average throughput: 911.47 Mbit/s

95th percentile per-packet one-way delay: 2.752 ms

Loss rate: 0.02%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-11-30 10:42:36

End at: 2017-11-30 10:43:06

Local clock offset: 1.73 ms

Remote clock offset: 0.783 ms

Below is generated by plot.py at 2017-11-30 15:50:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 929.43 Mbit/s

95th percentile per-packet one-way delay: 3.173 ms

Loss rate: 0.01%

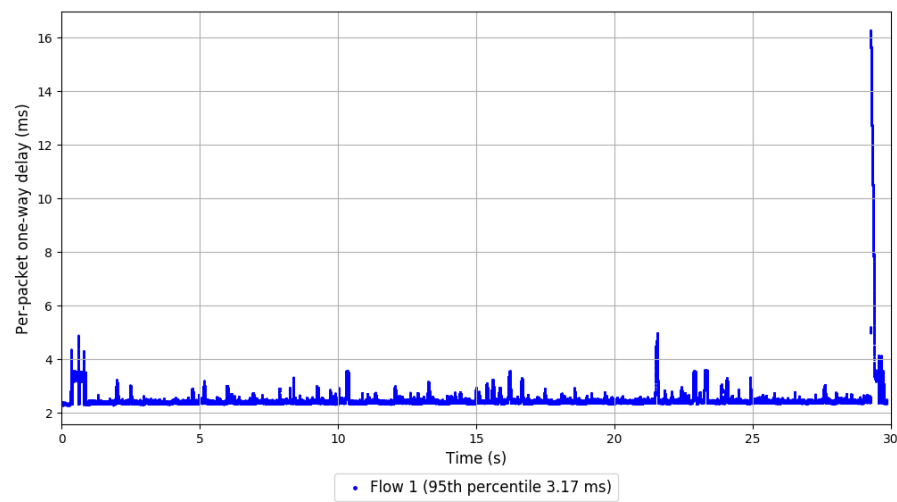
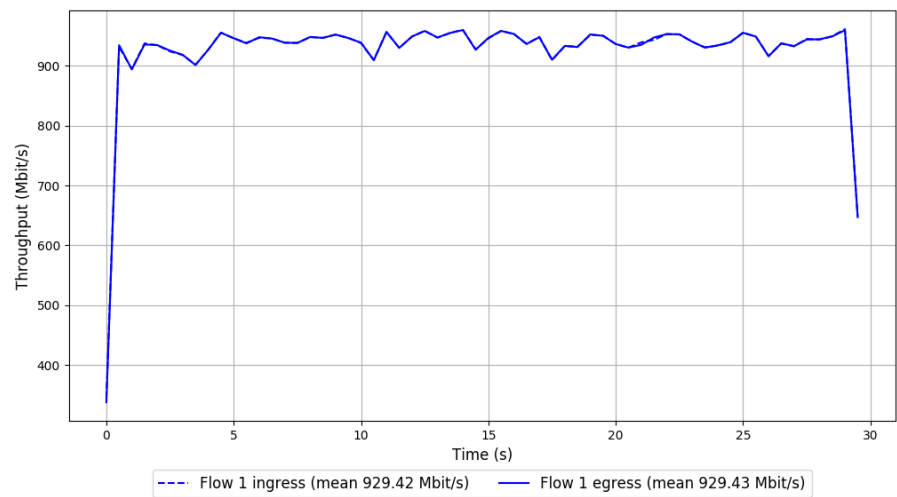
-- Flow 1:

Average throughput: 929.43 Mbit/s

95th percentile per-packet one-way delay: 3.173 ms

Loss rate: 0.01%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-11-30 11:00:40

End at: 2017-11-30 11:01:10

Local clock offset: 1.305 ms

Remote clock offset: 0.937 ms

Below is generated by plot.py at 2017-11-30 15:51:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 932.88 Mbit/s

95th percentile per-packet one-way delay: 2.771 ms

Loss rate: 0.02%

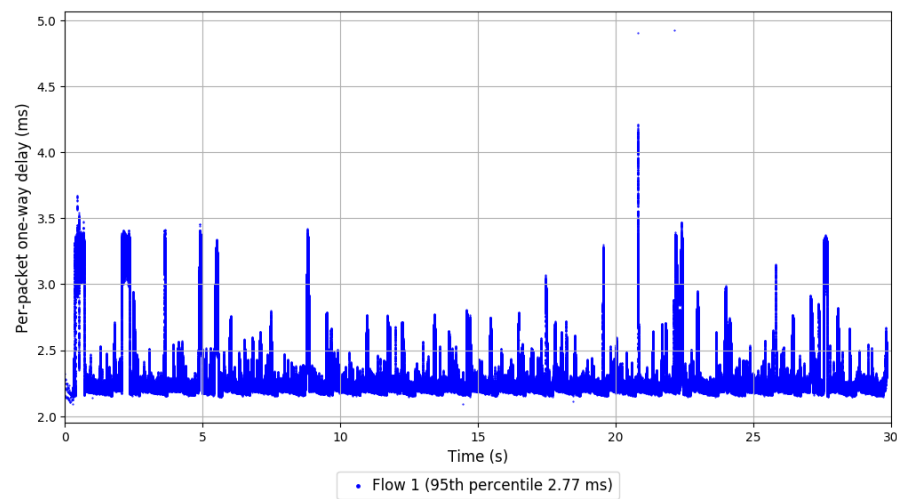
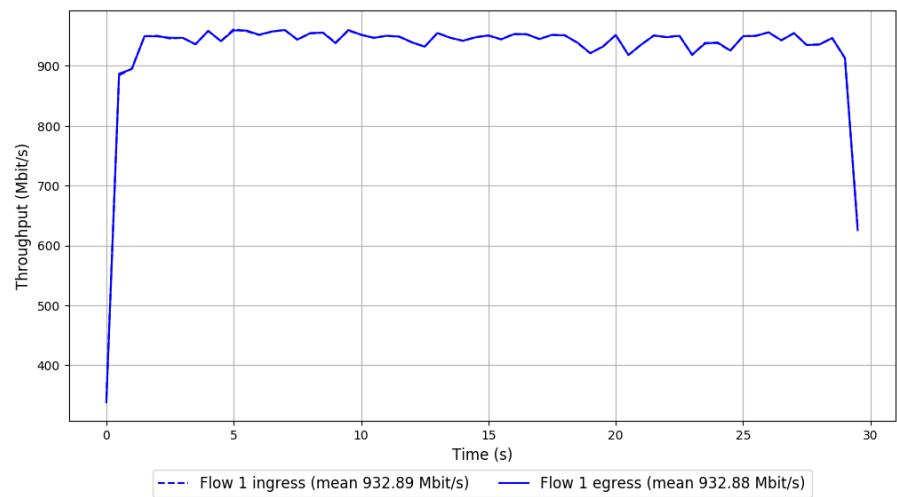
-- Flow 1:

Average throughput: 932.88 Mbit/s

95th percentile per-packet one-way delay: 2.771 ms

Loss rate: 0.02%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-11-30 11:18:13

End at: 2017-11-30 11:18:43

Local clock offset: 1.104 ms

Remote clock offset: 0.719 ms

Below is generated by plot.py at 2017-11-30 15:58:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 928.81 Mbit/s

95th percentile per-packet one-way delay: 2.690 ms

Loss rate: 0.02%

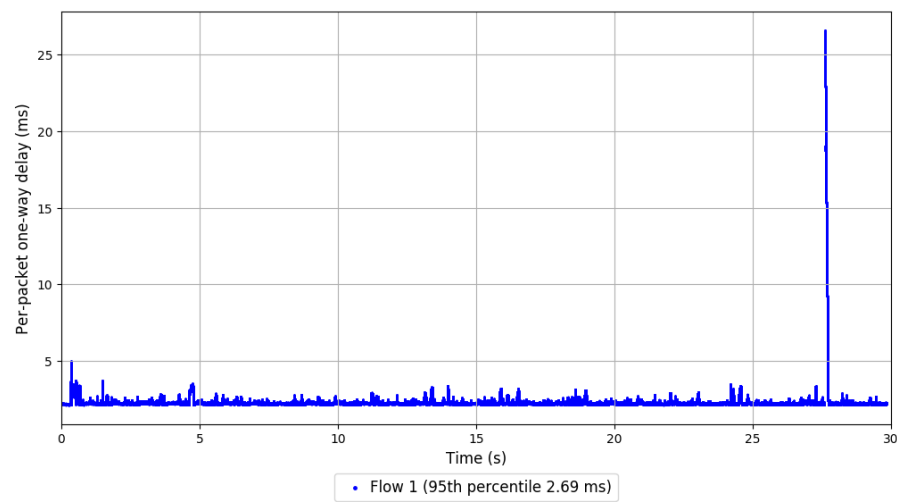
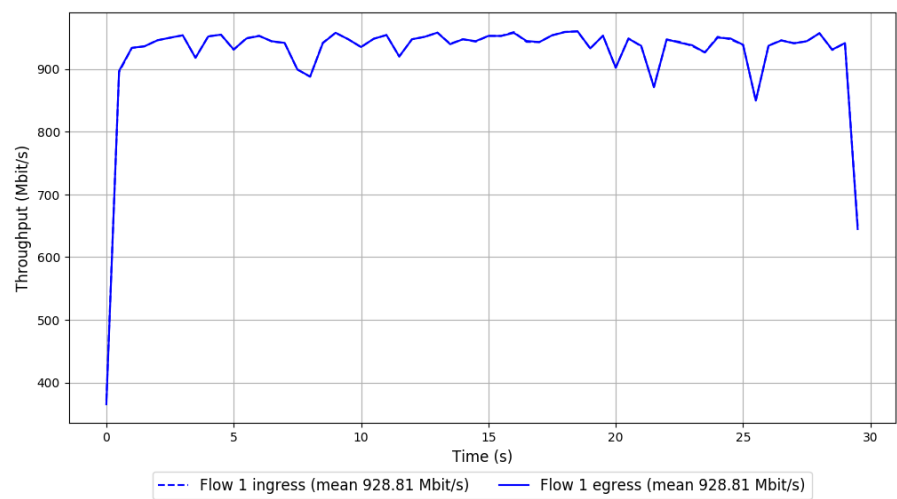
-- Flow 1:

Average throughput: 928.81 Mbit/s

95th percentile per-packet one-way delay: 2.690 ms

Loss rate: 0.02%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-11-30 11:36:26

End at: 2017-11-30 11:36:56

Local clock offset: 1.41 ms

Remote clock offset: 0.376 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 931.52 Mbit/s

95th percentile per-packet one-way delay: 2.706 ms

Loss rate: 0.02%

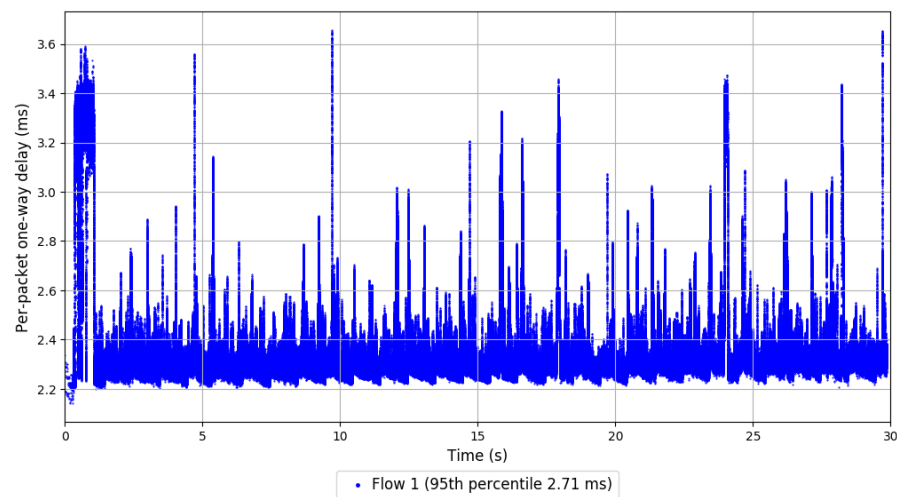
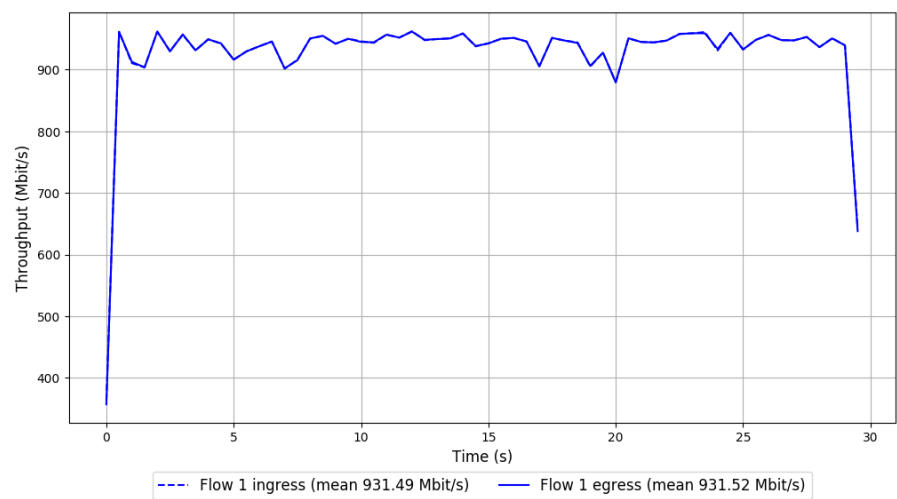
-- Flow 1:

Average throughput: 931.52 Mbit/s

95th percentile per-packet one-way delay: 2.706 ms

Loss rate: 0.02%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-11-30 08:52:31

End at: 2017-11-30 08:53:01

Local clock offset: 3.407 ms

Remote clock offset: 0.087 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.07 Mbit/s

95th percentile per-packet one-way delay: 2.270 ms

Loss rate: 0.02%

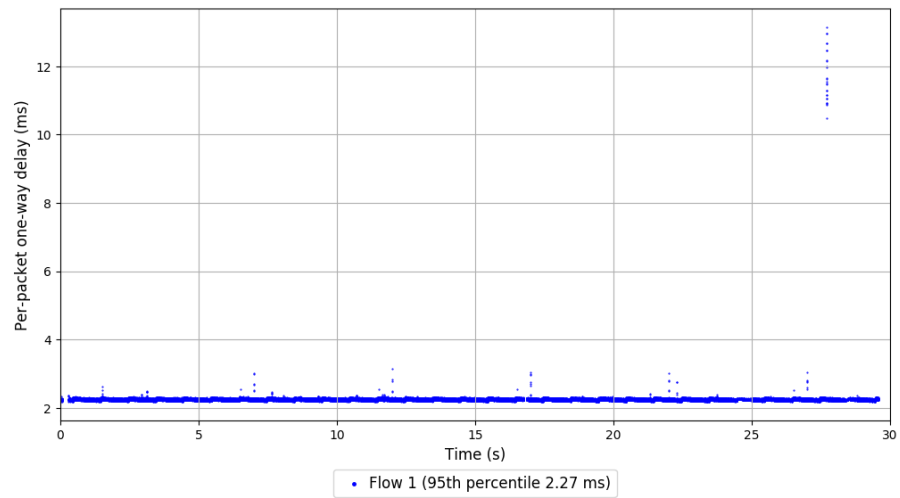
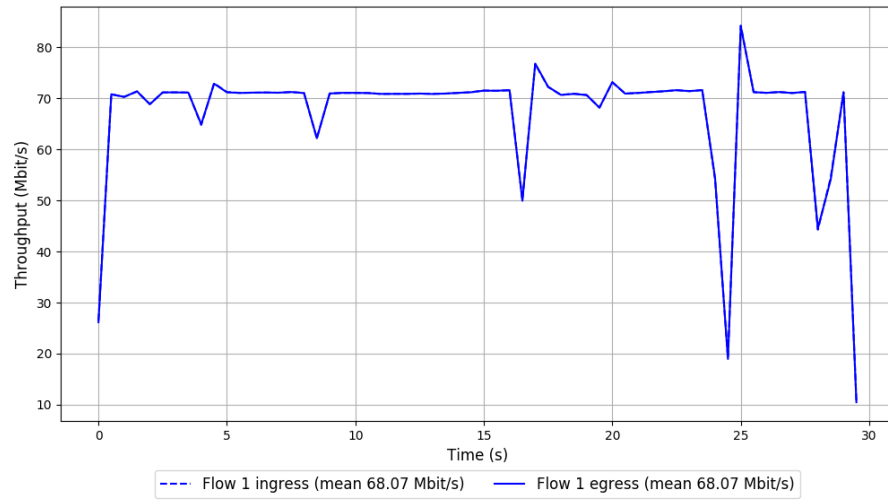
-- Flow 1:

Average throughput: 68.07 Mbit/s

95th percentile per-packet one-way delay: 2.270 ms

Loss rate: 0.02%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-11-30 09:10:48

End at: 2017-11-30 09:11:18

Local clock offset: 3.888 ms

Remote clock offset: 0.243 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.30 Mbit/s

95th percentile per-packet one-way delay: 2.330 ms

Loss rate: 0.02%

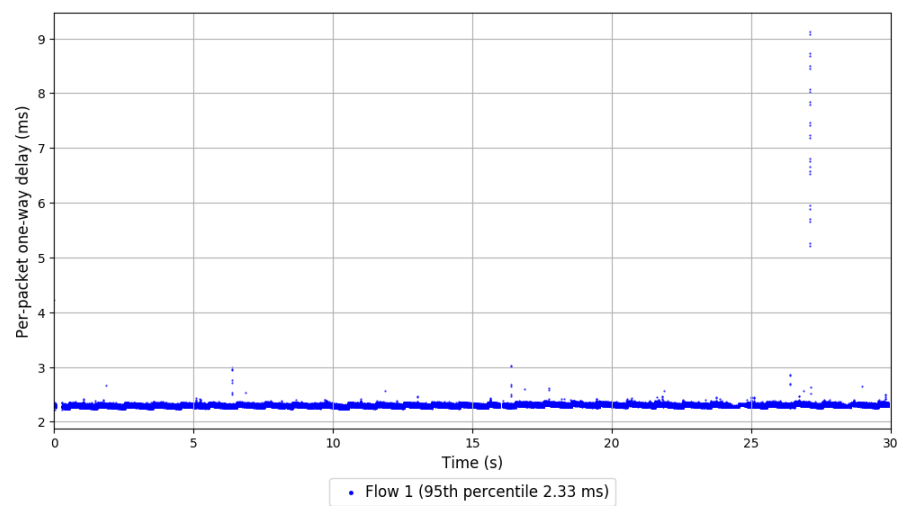
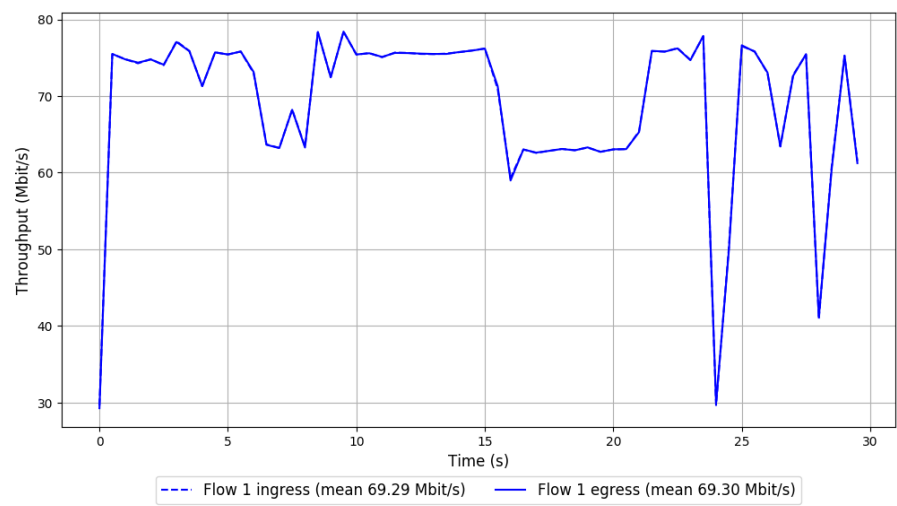
-- Flow 1:

Average throughput: 69.30 Mbit/s

95th percentile per-packet one-way delay: 2.330 ms

Loss rate: 0.02%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-11-30 09:28:55

End at: 2017-11-30 09:29:25

Local clock offset: 3.788 ms

Remote clock offset: 0.511 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.09 Mbit/s

95th percentile per-packet one-way delay: 2.259 ms

Loss rate: 0.01%

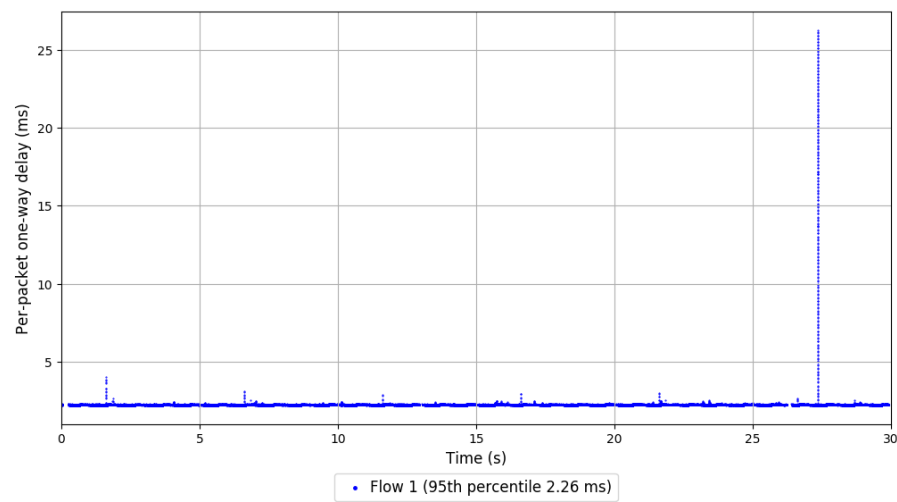
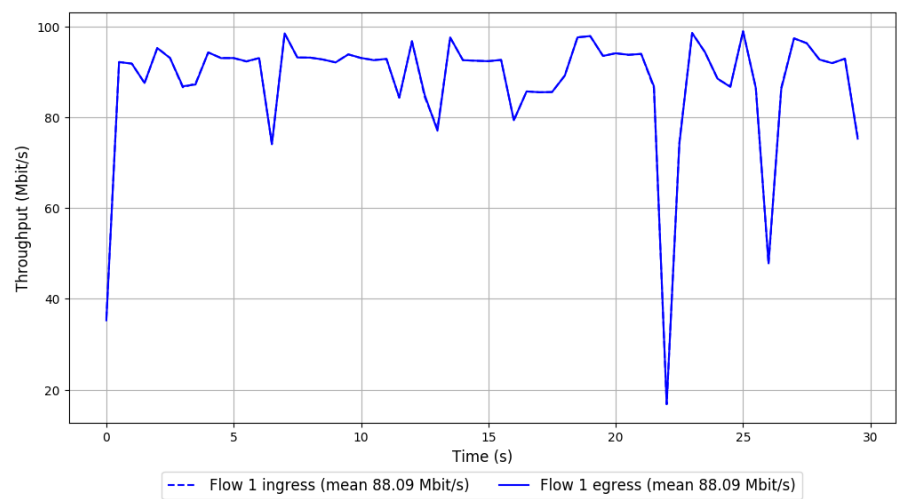
-- Flow 1:

Average throughput: 88.09 Mbit/s

95th percentile per-packet one-way delay: 2.259 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-11-30 09:47:12

End at: 2017-11-30 09:47:42

Local clock offset: 3.98 ms

Remote clock offset: 0.614 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 2.161 ms

Loss rate: 0.02%

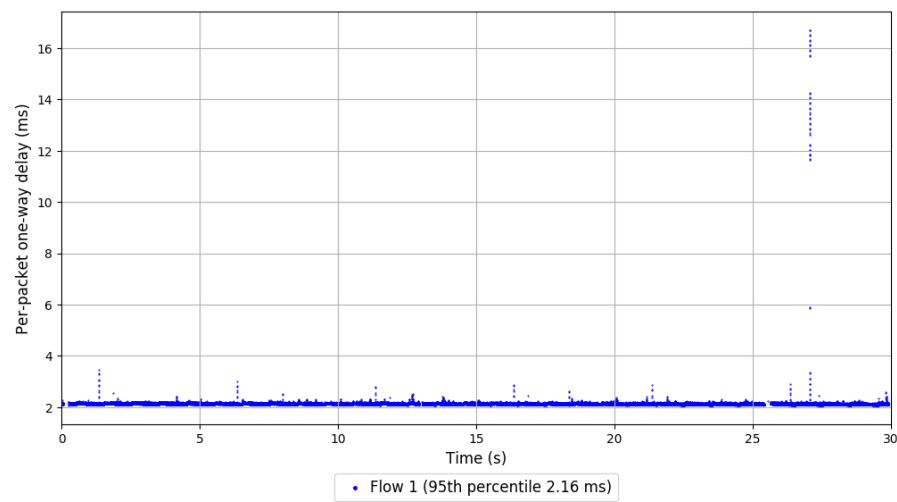
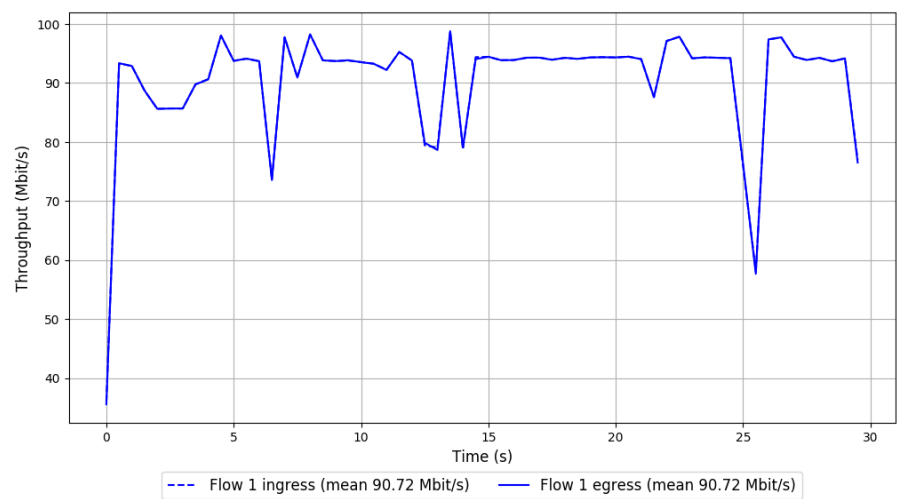
-- Flow 1:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 2.161 ms

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-11-30 10:05:21

End at: 2017-11-30 10:05:51

Local clock offset: 3.935 ms

Remote clock offset: 0.762 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 2.174 ms

Loss rate: 0.01%

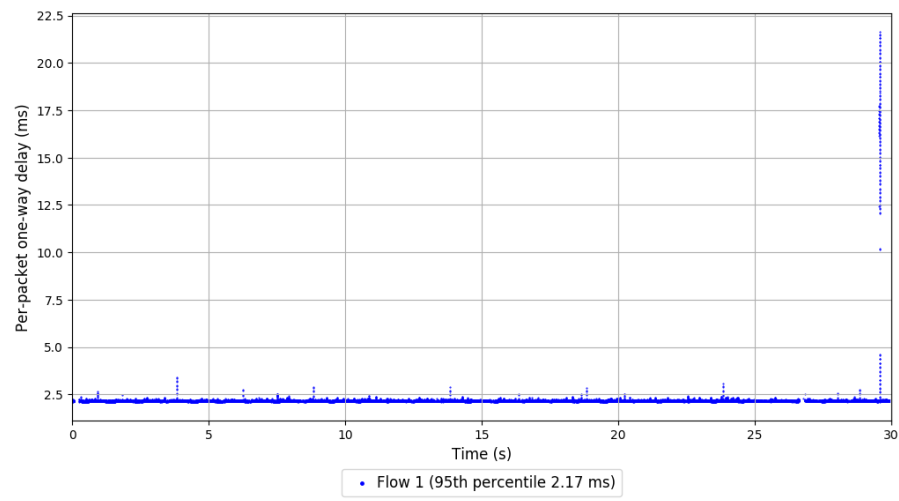
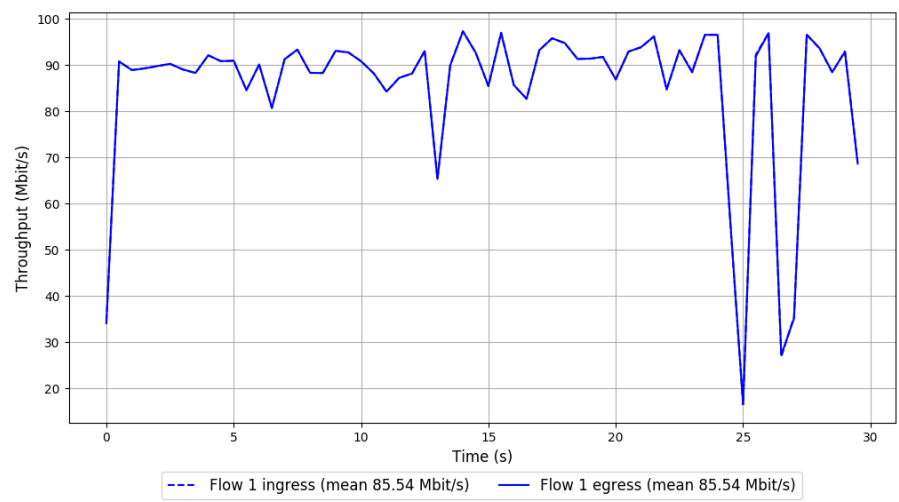
-- Flow 1:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 2.174 ms

Loss rate: 0.01%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-11-30 10:23:24

End at: 2017-11-30 10:23:54

Local clock offset: 2.692 ms

Remote clock offset: 0.76 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.32 Mbit/s

95th percentile per-packet one-way delay: 2.314 ms

Loss rate: 0.02%

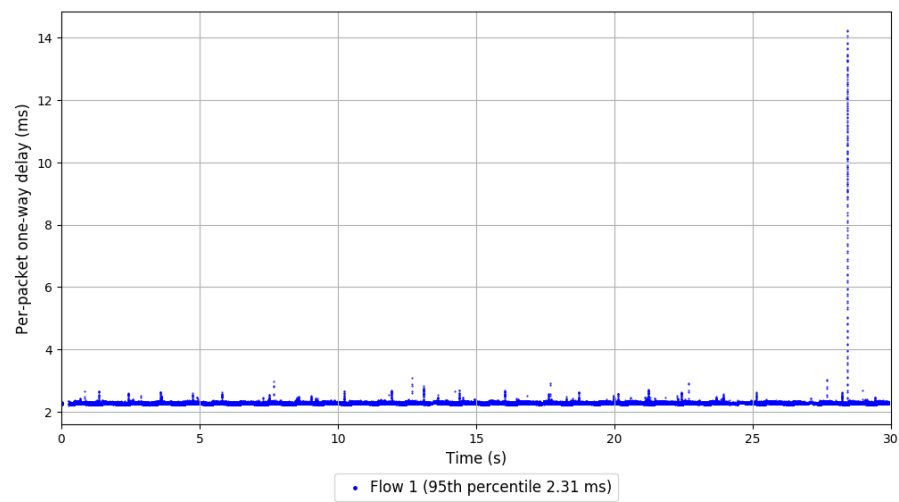
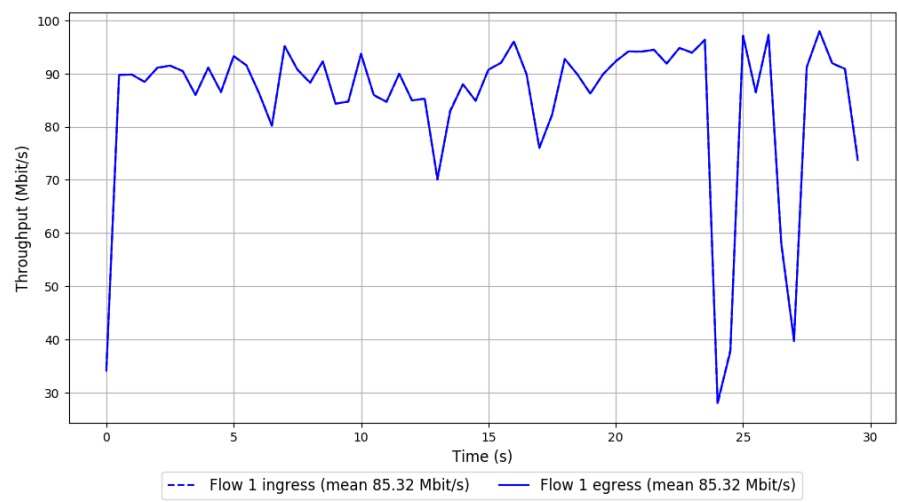
-- Flow 1:

Average throughput: 85.32 Mbit/s

95th percentile per-packet one-way delay: 2.314 ms

Loss rate: 0.02%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-11-30 10:41:29

End at: 2017-11-30 10:41:59

Local clock offset: 1.75 ms

Remote clock offset: 0.849 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.98 Mbit/s

95th percentile per-packet one-way delay: 2.231 ms

Loss rate: 0.02%

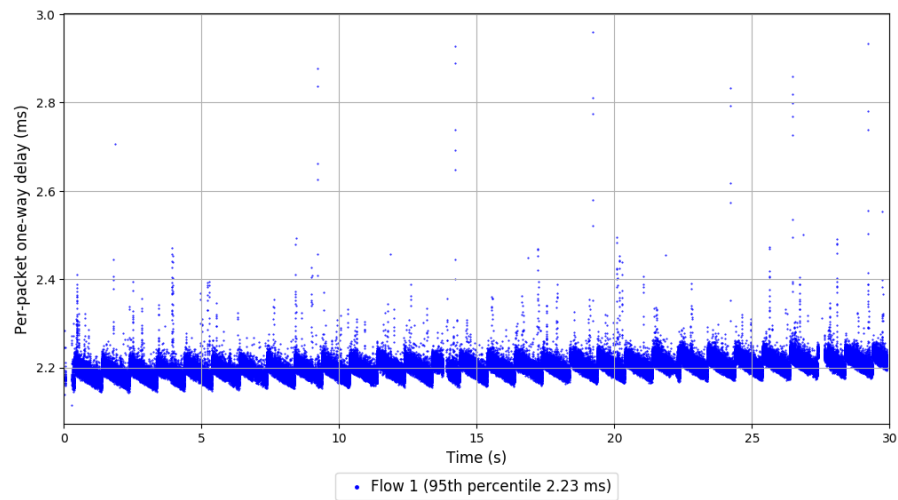
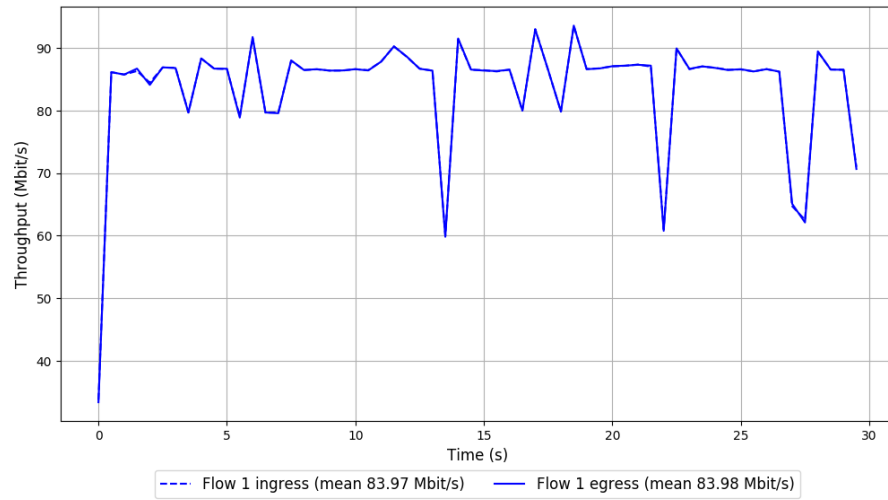
-- Flow 1:

Average throughput: 83.98 Mbit/s

95th percentile per-packet one-way delay: 2.231 ms

Loss rate: 0.02%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-11-30 10:59:32

End at: 2017-11-30 11:00:02

Local clock offset: 1.259 ms

Remote clock offset: 0.93 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 2.162 ms

Loss rate: 0.01%

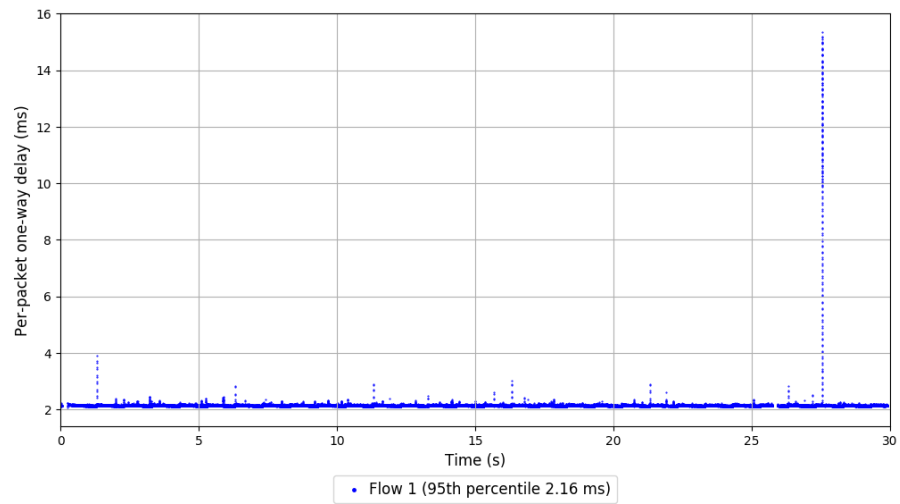
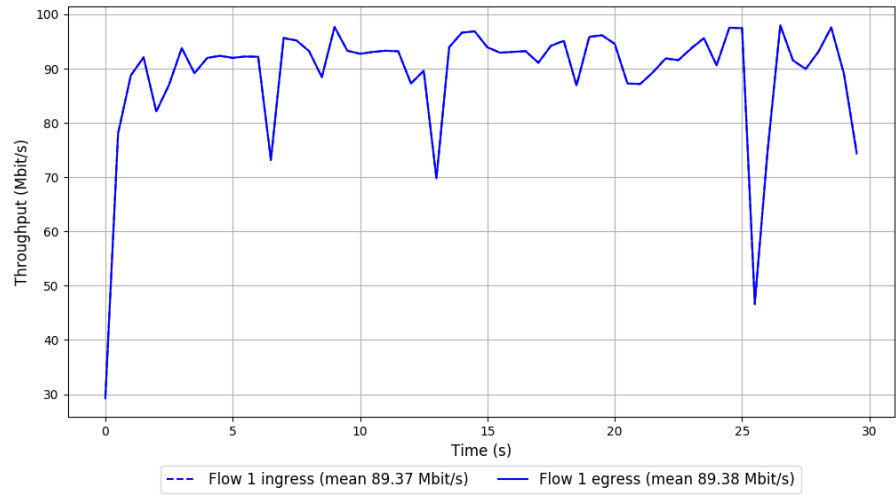
-- Flow 1:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 2.162 ms

Loss rate: 0.01%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-11-30 11:17:06

End at: 2017-11-30 11:17:36

Local clock offset: 1.162 ms

Remote clock offset: 0.766 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.32 Mbit/s

95th percentile per-packet one-way delay: 2.235 ms

Loss rate: 0.01%

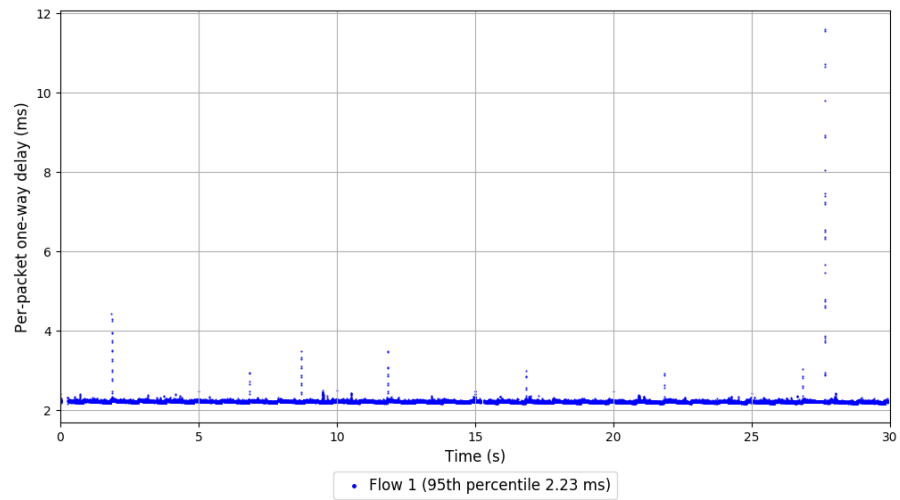
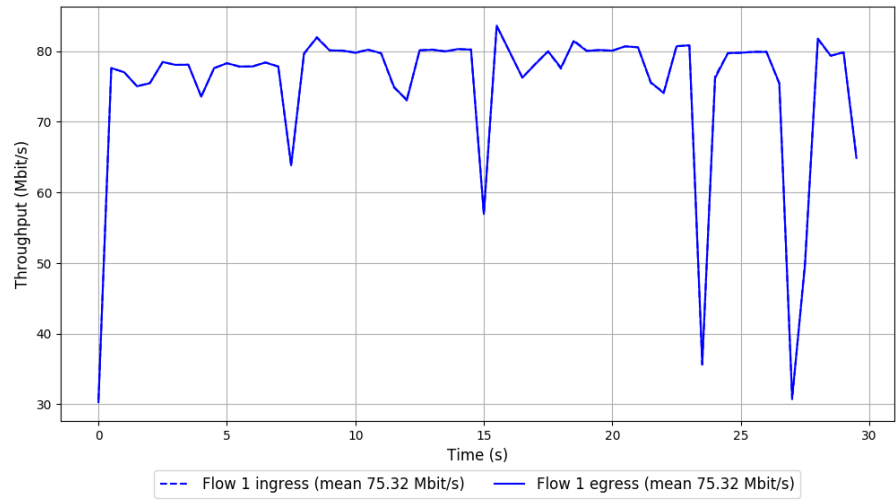
-- Flow 1:

Average throughput: 75.32 Mbit/s

95th percentile per-packet one-way delay: 2.235 ms

Loss rate: 0.01%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-11-30 11:35:19

End at: 2017-11-30 11:35:49

Local clock offset: 1.422 ms

Remote clock offset: 0.396 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.27 Mbit/s

95th percentile per-packet one-way delay: 2.202 ms

Loss rate: 0.02%

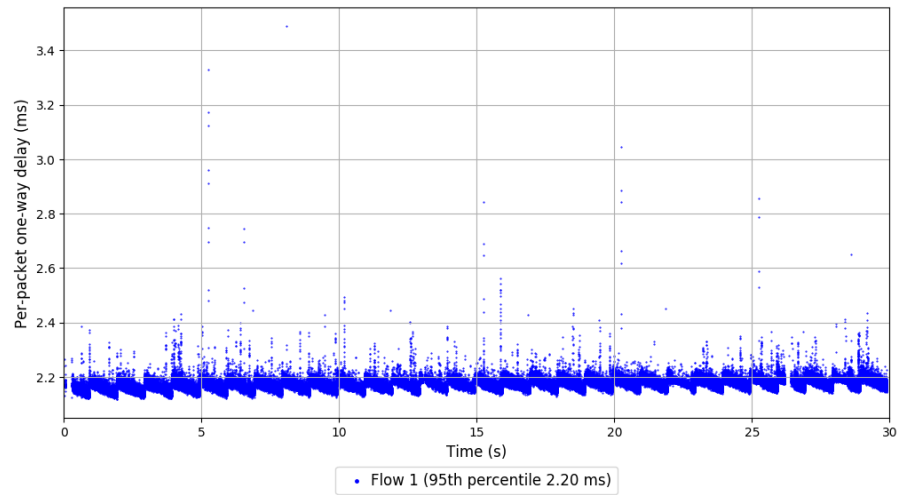
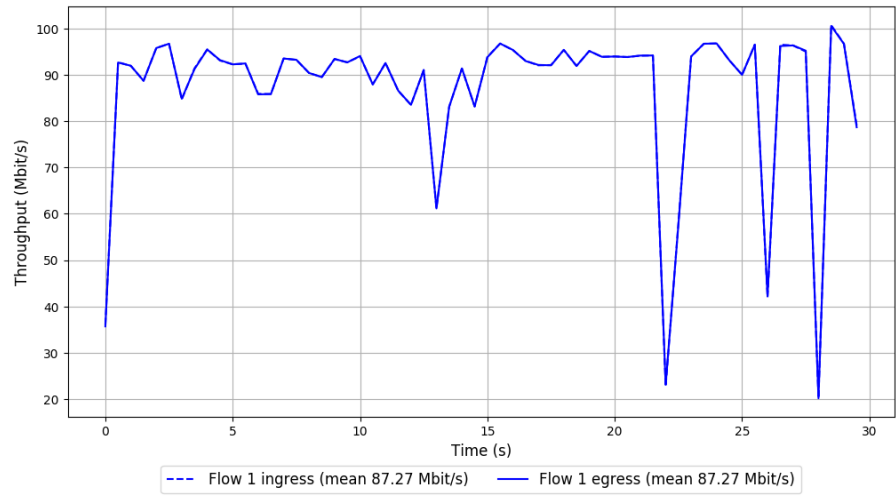
-- Flow 1:

Average throughput: 87.27 Mbit/s

95th percentile per-packet one-way delay: 2.202 ms

Loss rate: 0.02%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2017-11-30 08:48:57

End at: 2017-11-30 08:49:27

Local clock offset: 3.329 ms

Remote clock offset: 0.06 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.277 ms

Loss rate: 0.00%

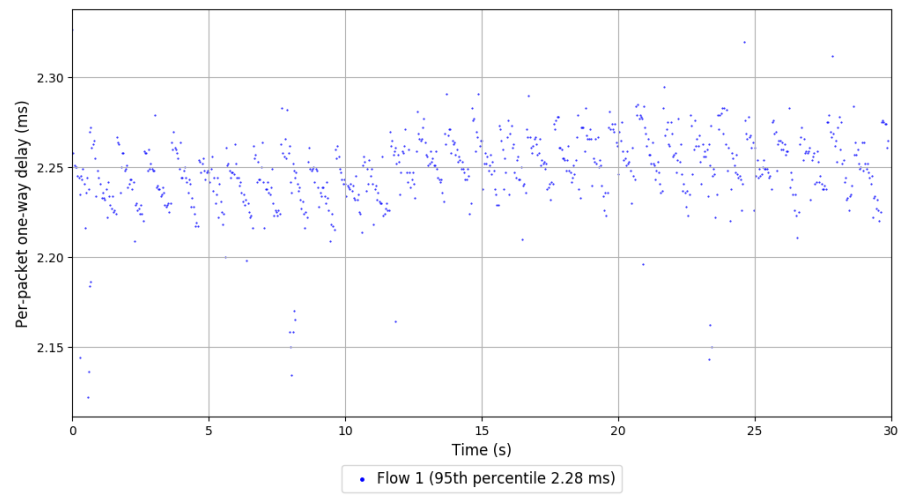
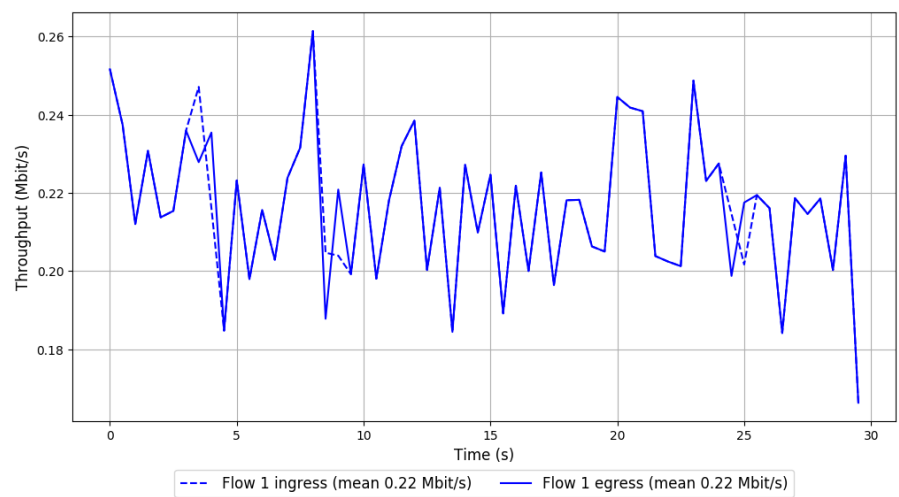
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.277 ms

Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-11-30 09:07:15

End at: 2017-11-30 09:07:45

Local clock offset: 3.78 ms

Remote clock offset: 0.194 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.341 ms

Loss rate: 0.00%

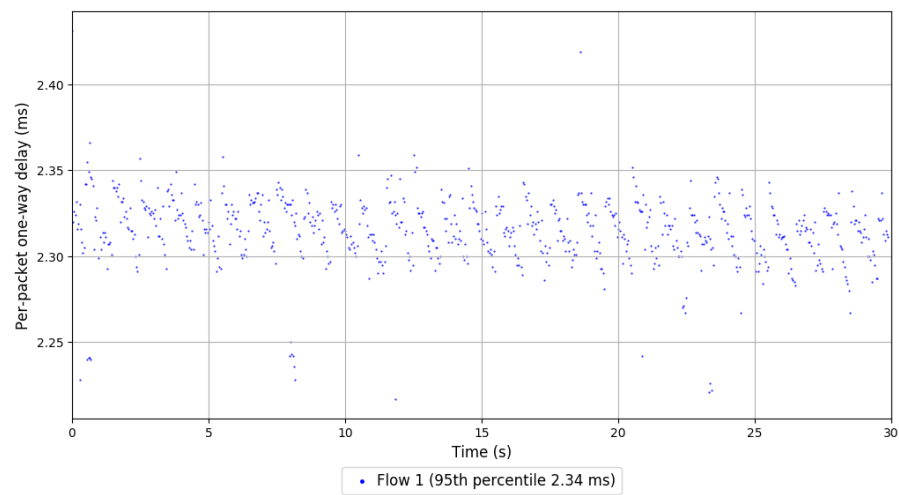
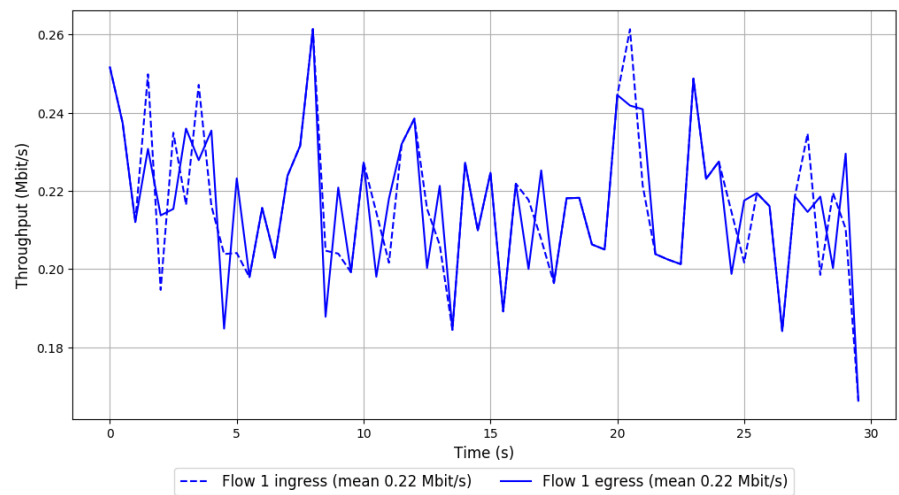
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.341 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-11-30 09:25:22

End at: 2017-11-30 09:25:52

Local clock offset: 3.818 ms

Remote clock offset: 0.47 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.345 ms

Loss rate: 0.00%

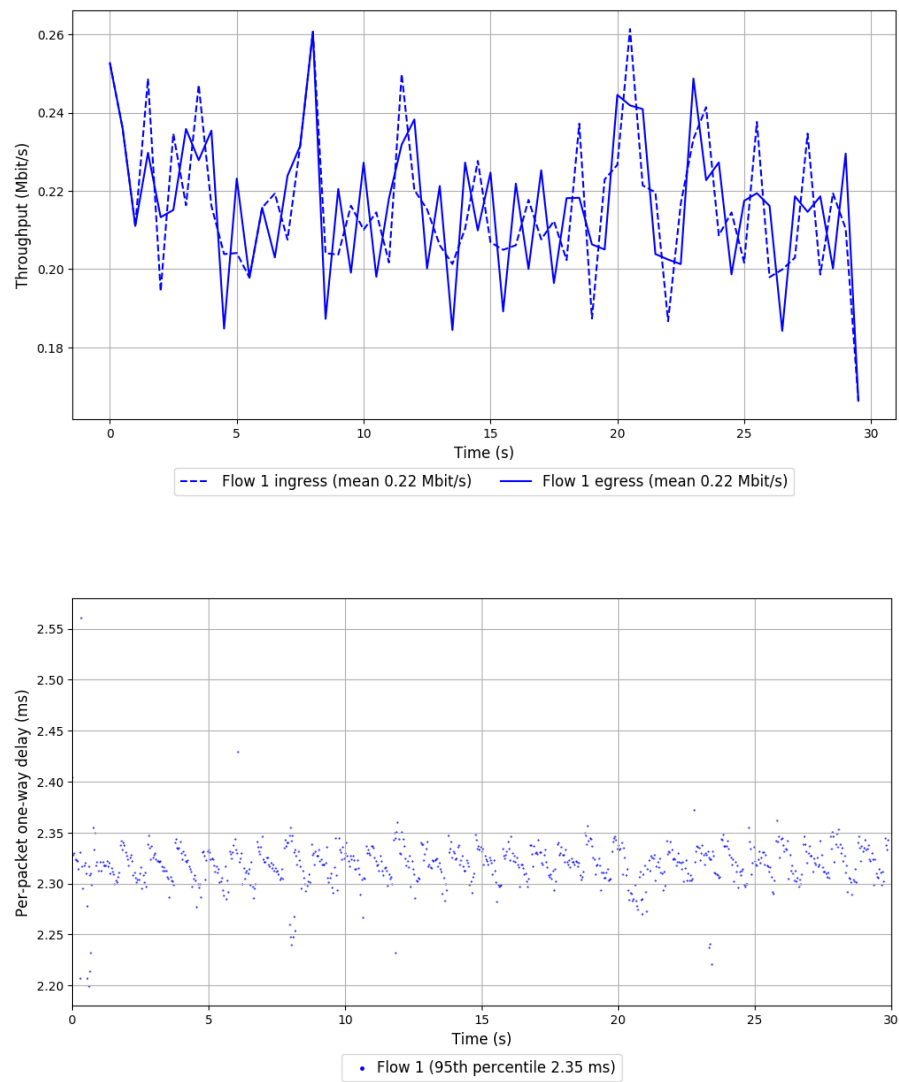
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.345 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-11-30 09:43:40

End at: 2017-11-30 09:44:10

Local clock offset: 3.953 ms

Remote clock offset: 0.557 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.332 ms

Loss rate: 0.00%

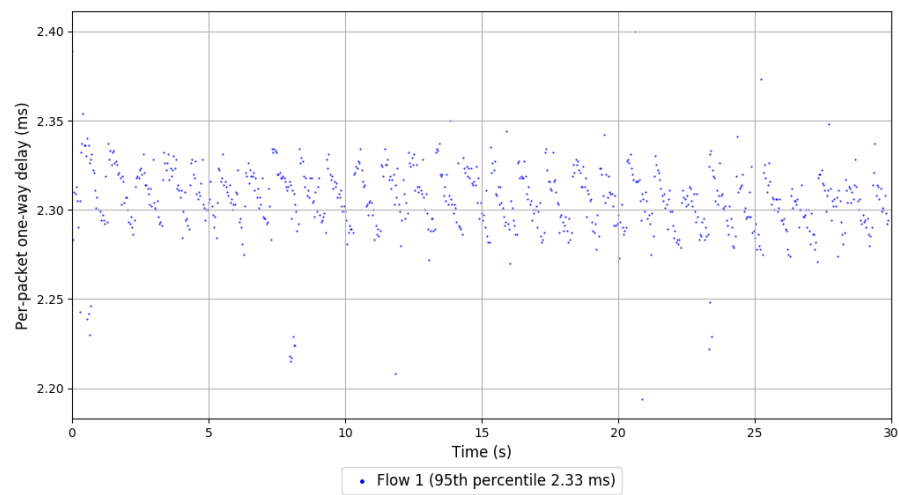
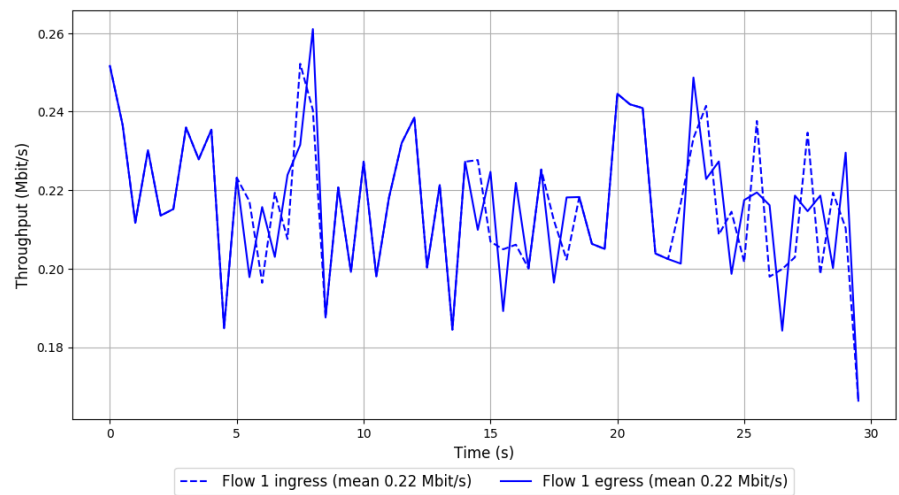
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.332 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-11-30 10:01:48

End at: 2017-11-30 10:02:18

Local clock offset: 4.026 ms

Remote clock offset: 0.669 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.357 ms

Loss rate: 0.00%

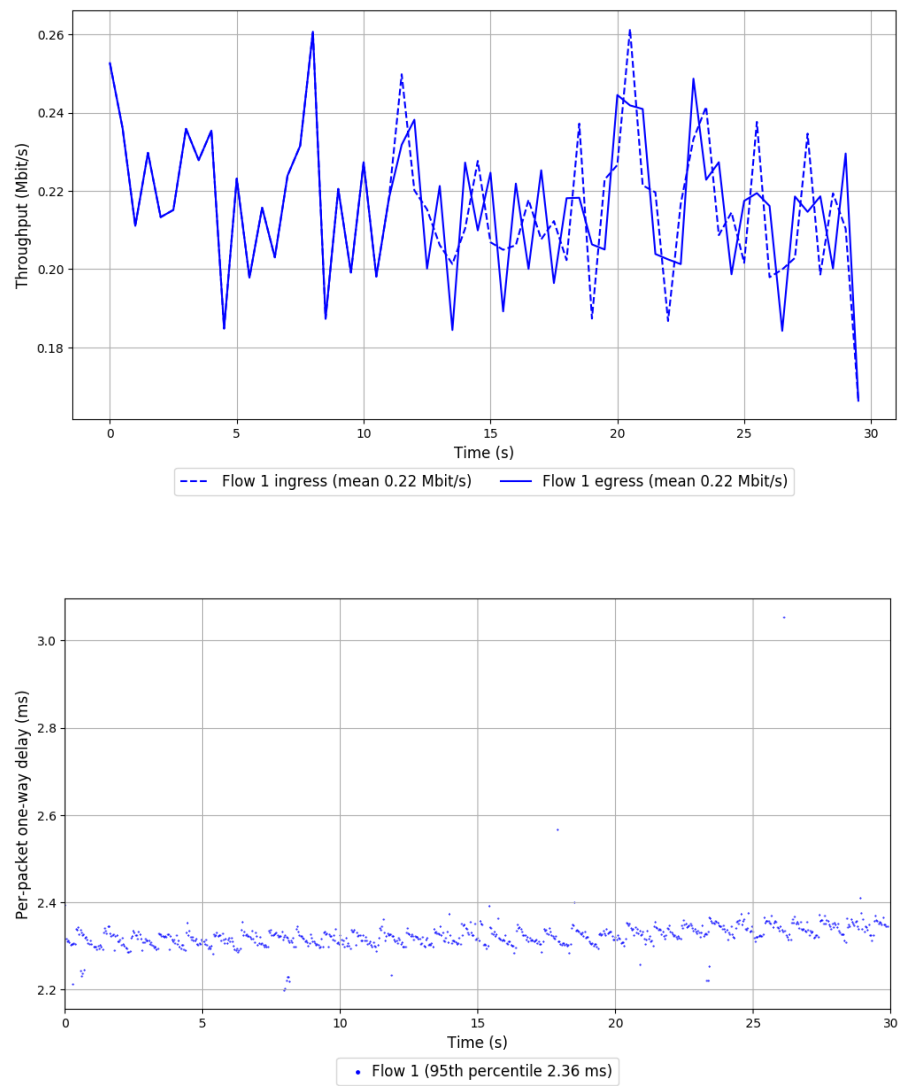
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.357 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-11-30 10:19:50

End at: 2017-11-30 10:20:20

Local clock offset: 2.81 ms

Remote clock offset: 0.802 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.337 ms

Loss rate: 0.00%

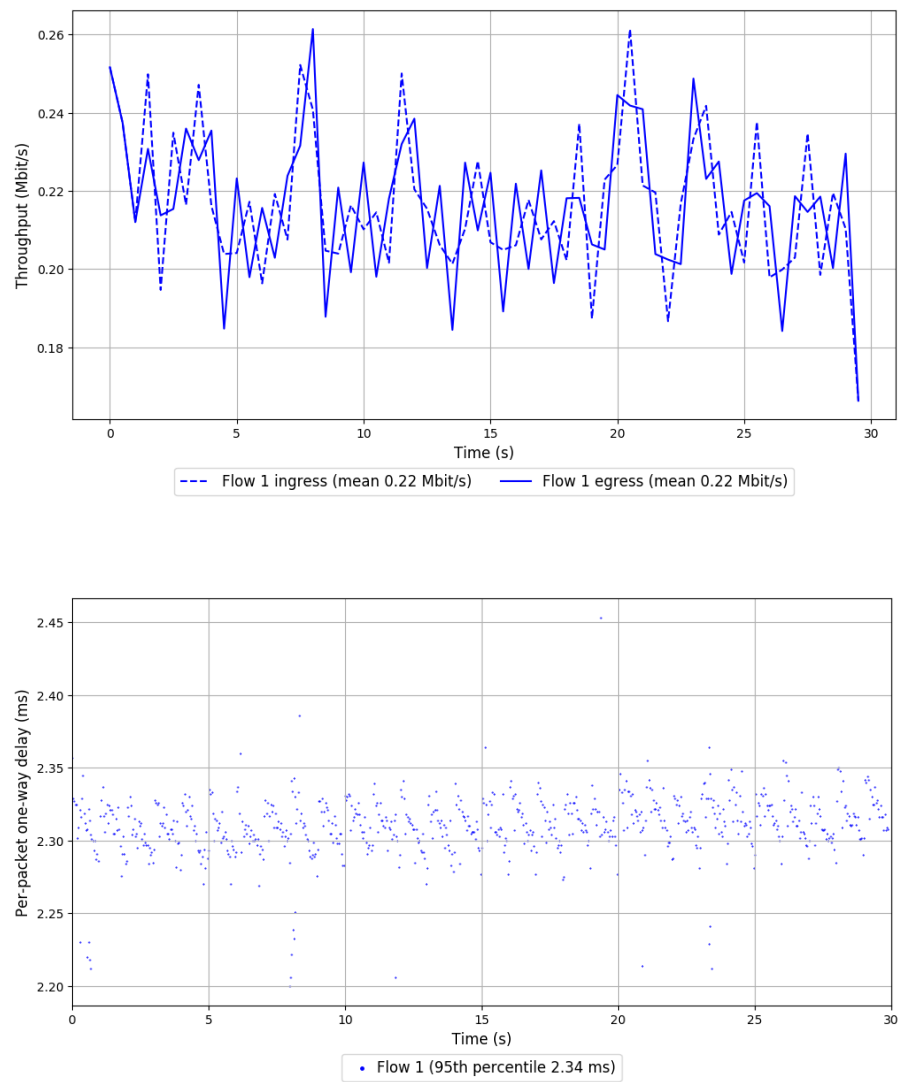
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.337 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-11-30 10:38:02

End at: 2017-11-30 10:38:32

Local clock offset: 2.024 ms

Remote clock offset: 0.841 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.378 ms

Loss rate: 0.00%

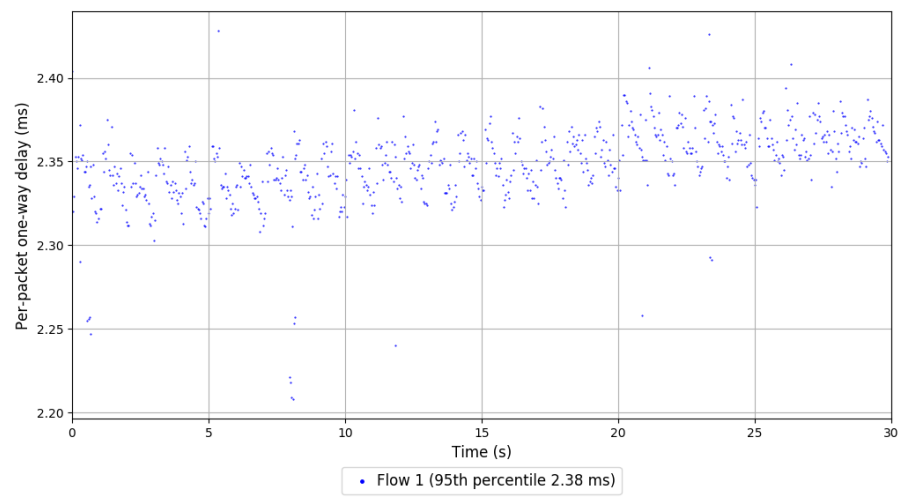
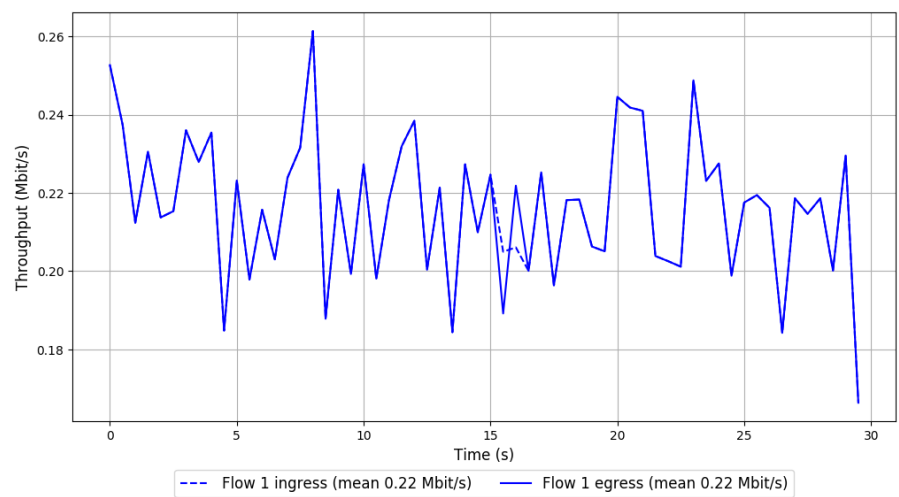
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.378 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-11-30 10:56:06

End at: 2017-11-30 10:56:36

Local clock offset: 1.311 ms

Remote clock offset: 0.943 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.00%

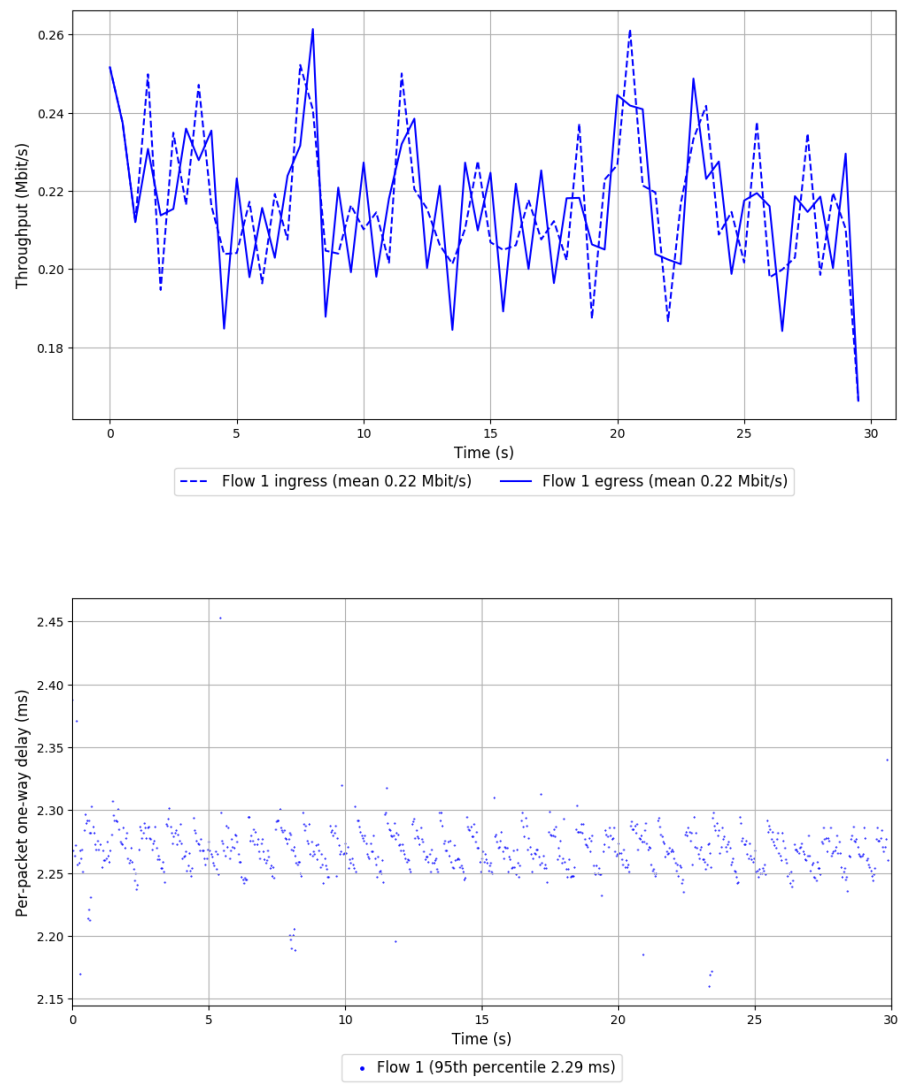
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-11-30 11:13:40

End at: 2017-11-30 11:14:10

Local clock offset: 1.08 ms

Remote clock offset: 0.816 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.230 ms

Loss rate: 0.00%

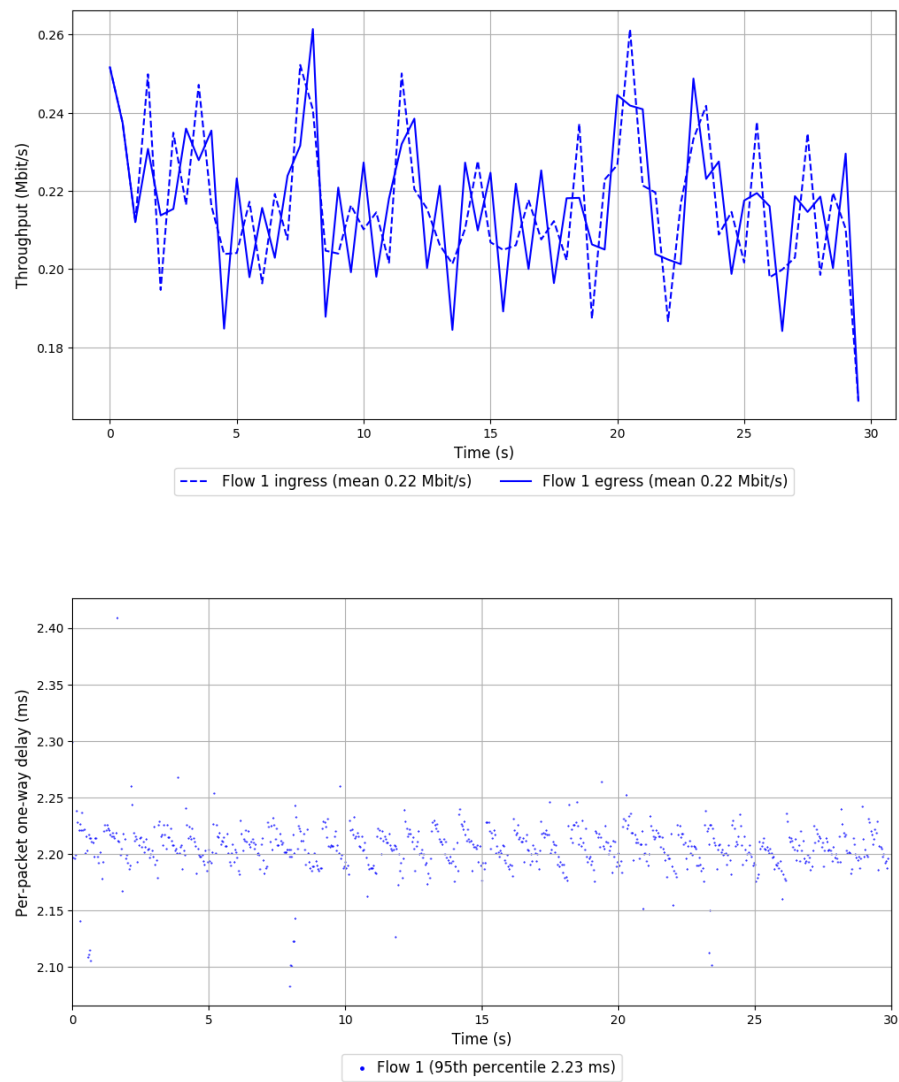
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.230 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-11-30 11:31:51

End at: 2017-11-30 11:32:21

Local clock offset: 1.37 ms

Remote clock offset: 0.422 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.284 ms

Loss rate: 0.00%

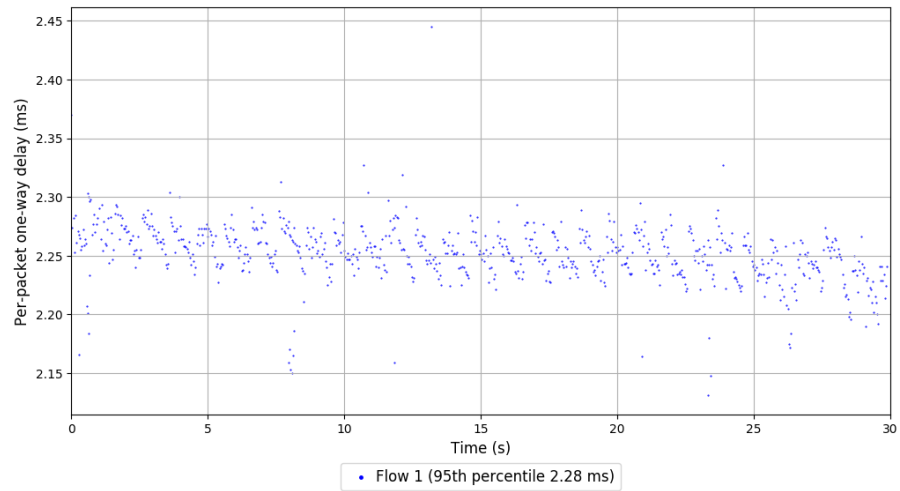
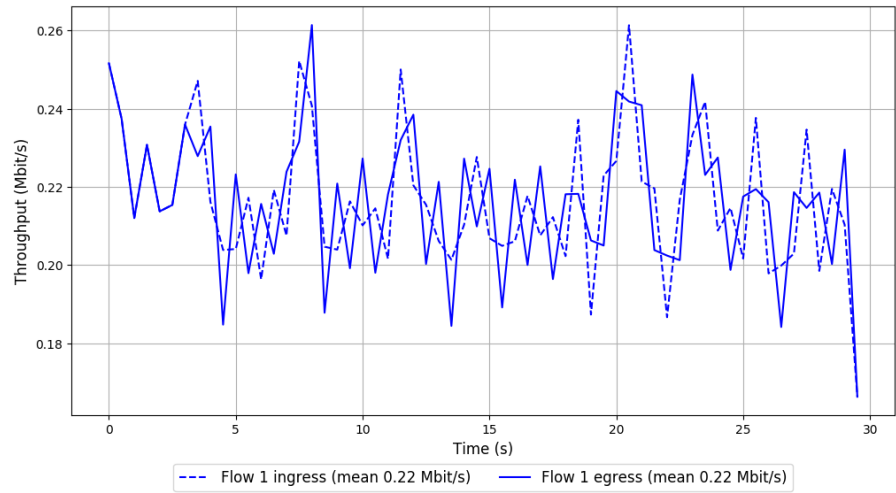
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.284 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-11-30 09:03:24

End at: 2017-11-30 09:03:54

Local clock offset: 3.653 ms

Remote clock offset: 0.206 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 2.317 ms

Loss rate: 0.03%

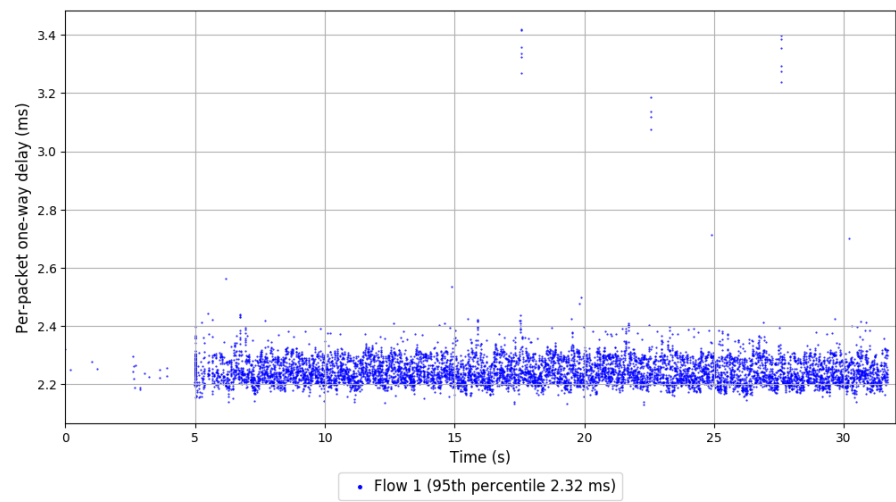
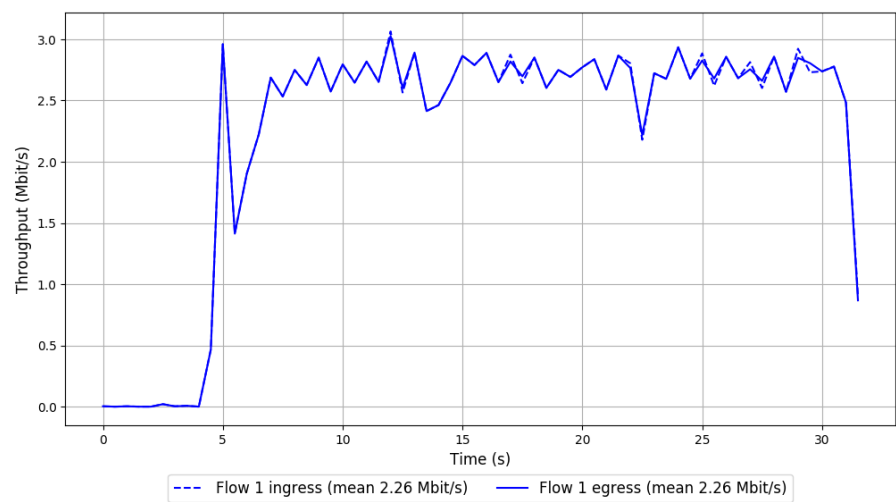
-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 2.317 ms

Loss rate: 0.03%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-11-30 09:21:31

End at: 2017-11-30 09:22:01

Local clock offset: 3.81 ms

Remote clock offset: 0.468 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 2.286 ms

Loss rate: 0.00%

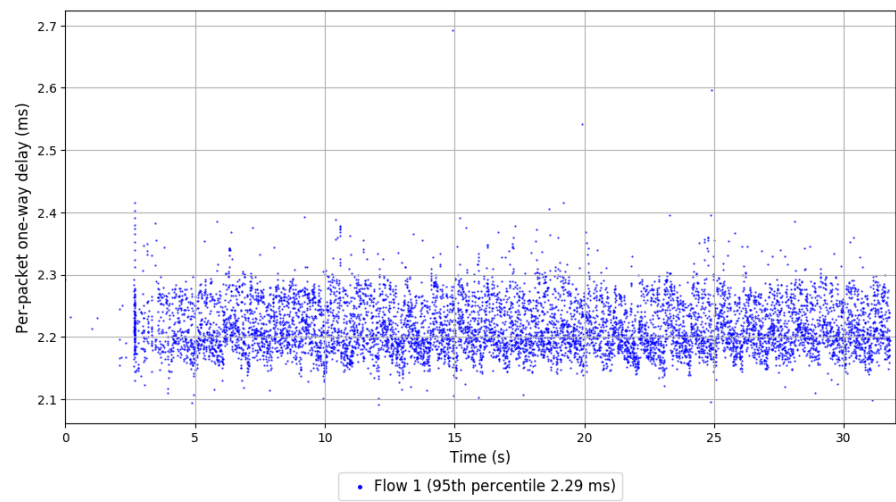
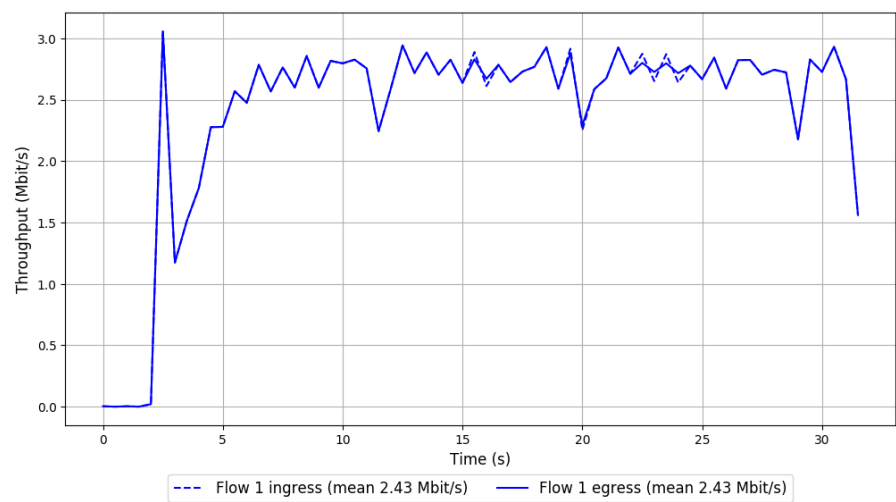
-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 2.286 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-11-30 09:39:49

End at: 2017-11-30 09:40:19

Local clock offset: 3.868 ms

Remote clock offset: 0.571 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.340 ms

Loss rate: 0.00%

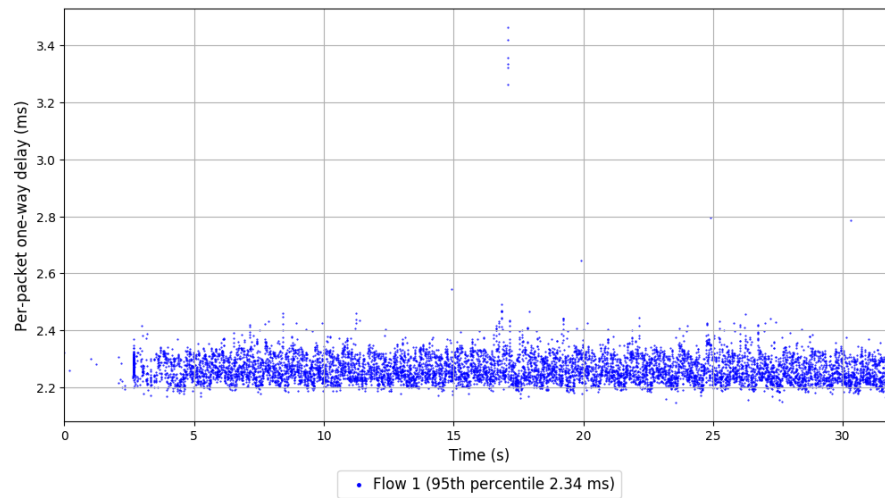
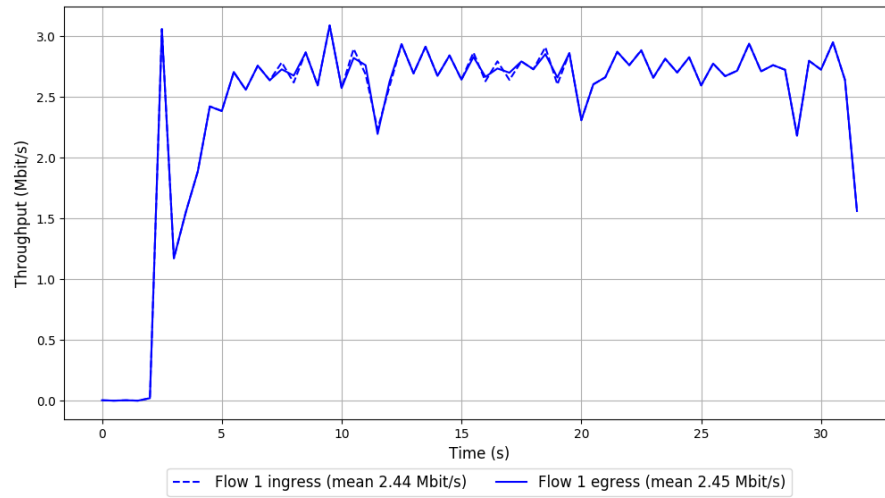
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.340 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-11-30 09:57:56

End at: 2017-11-30 09:58:26

Local clock offset: 4.177 ms

Remote clock offset: 0.629 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.397 ms

Loss rate: 0.00%

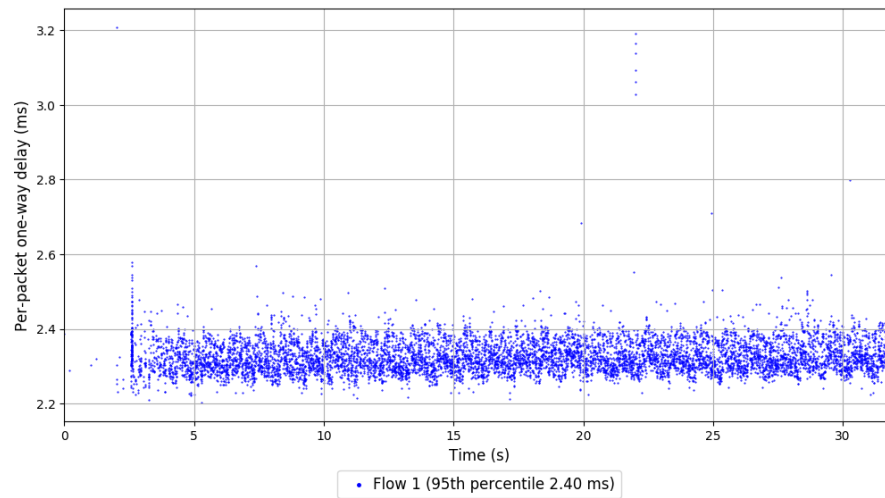
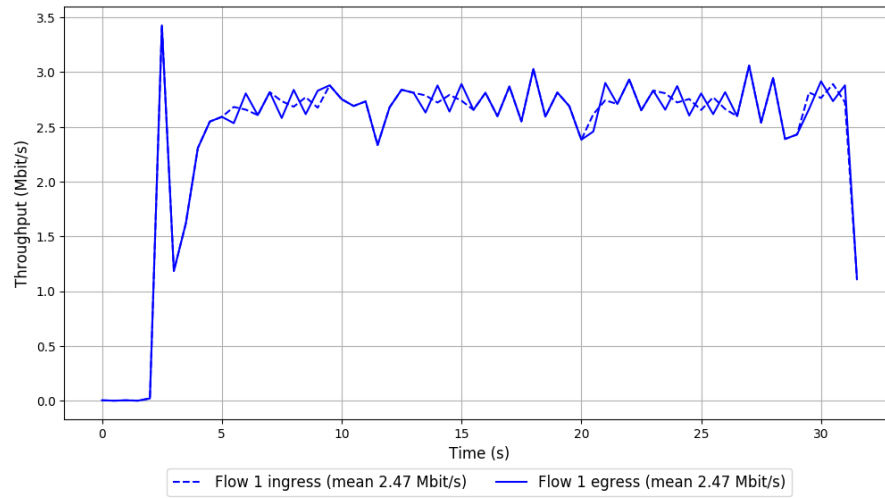
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.397 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-11-30 10:16:00

End at: 2017-11-30 10:16:30

Local clock offset: 3.018 ms

Remote clock offset: 0.812 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 2.365 ms

Loss rate: 0.00%

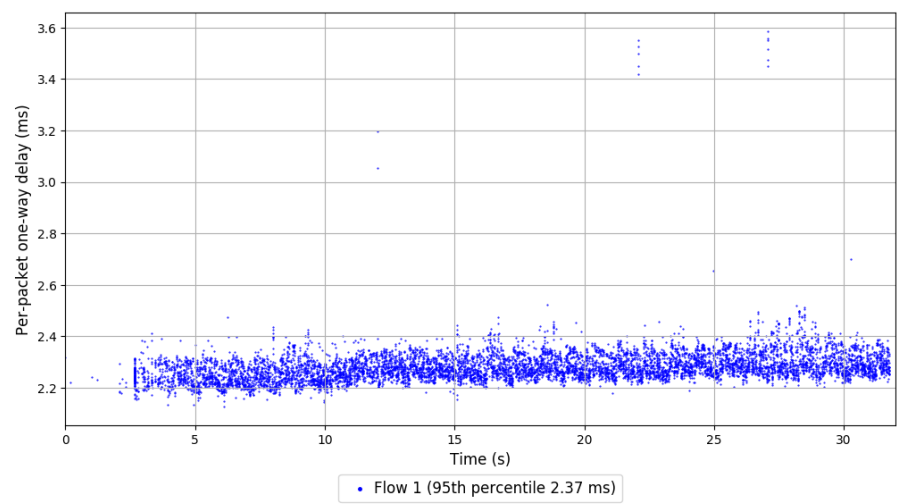
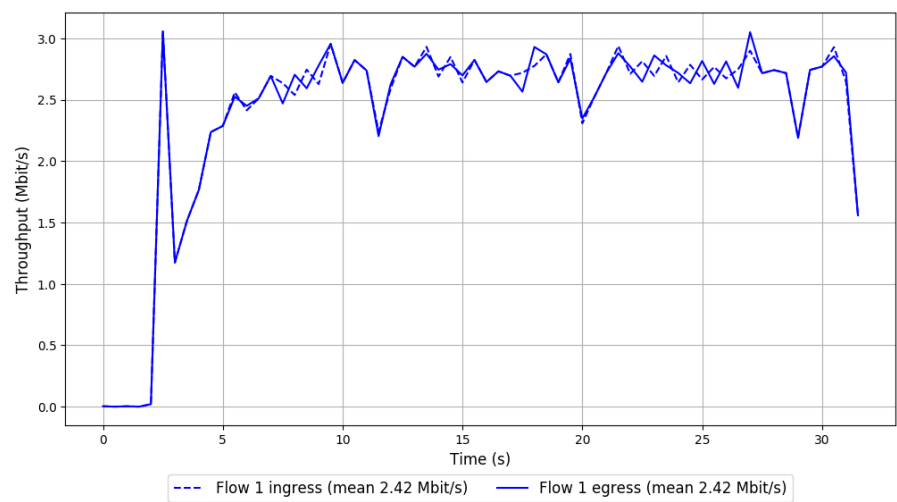
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 2.365 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-11-30 10:34:12

End at: 2017-11-30 10:34:42

Local clock offset: 2.276 ms

Remote clock offset: 0.82 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.399 ms

Loss rate: 0.00%

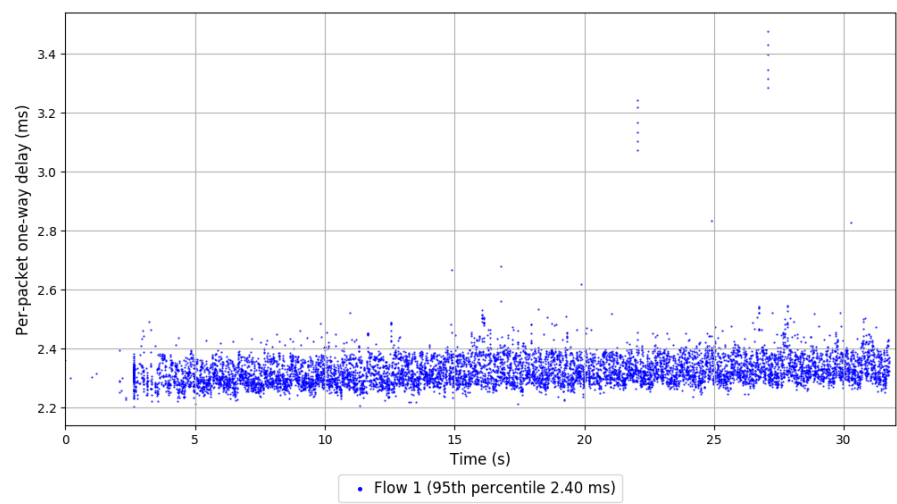
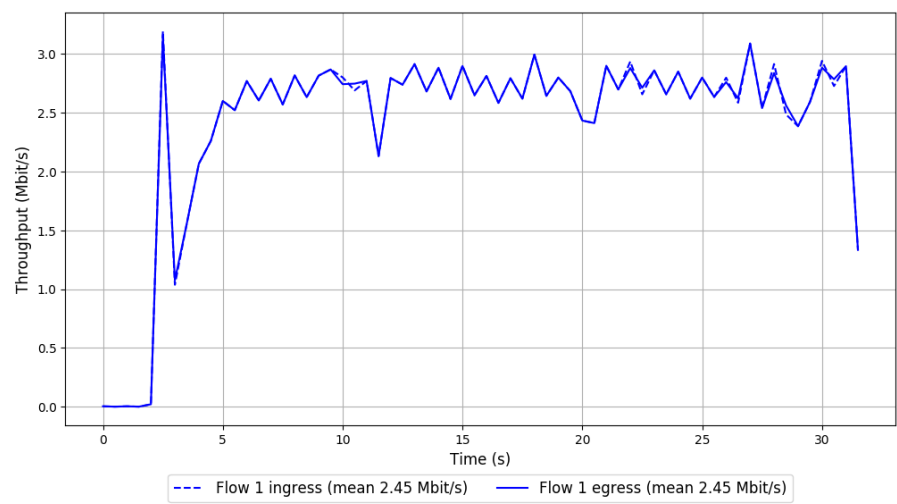
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.399 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-11-30 10:52:15

End at: 2017-11-30 10:52:45

Local clock offset: 1.361 ms

Remote clock offset: 0.914 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.342 ms

Loss rate: 0.00%

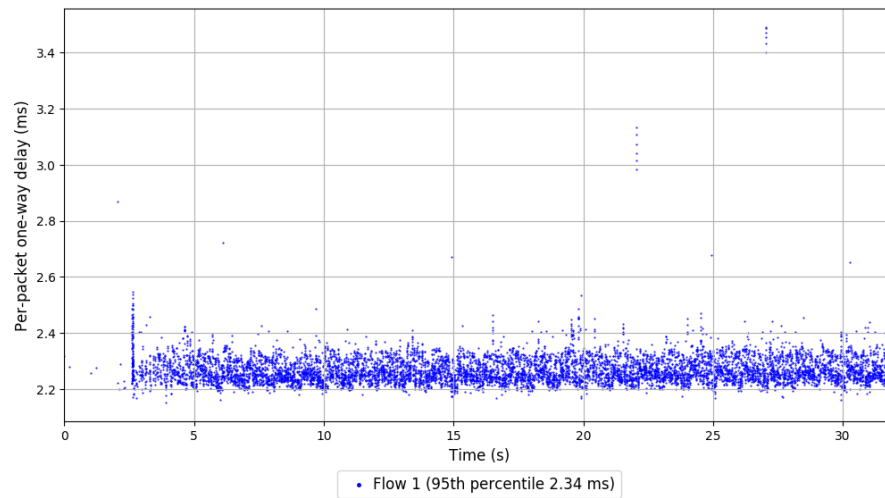
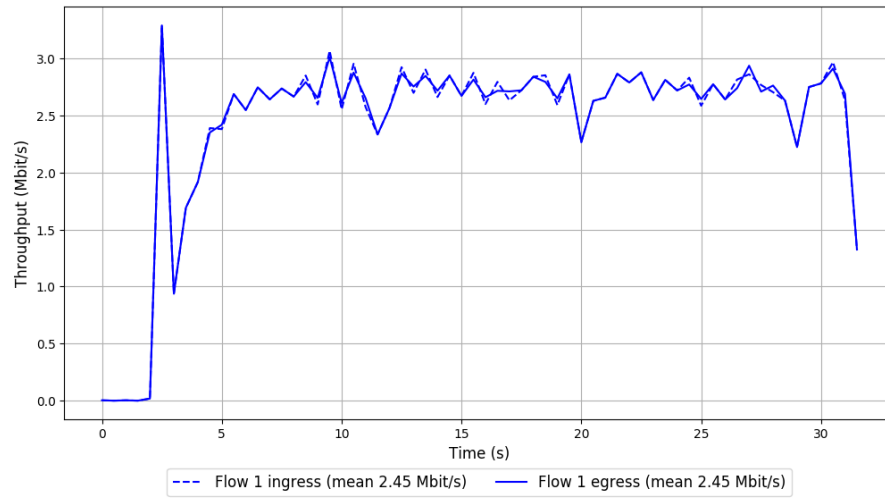
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.342 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-11-30 11:09:51

End at: 2017-11-30 11:10:21

Local clock offset: 1.219 ms

Remote clock offset: 0.799 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 2.402 ms

Loss rate: 0.00%

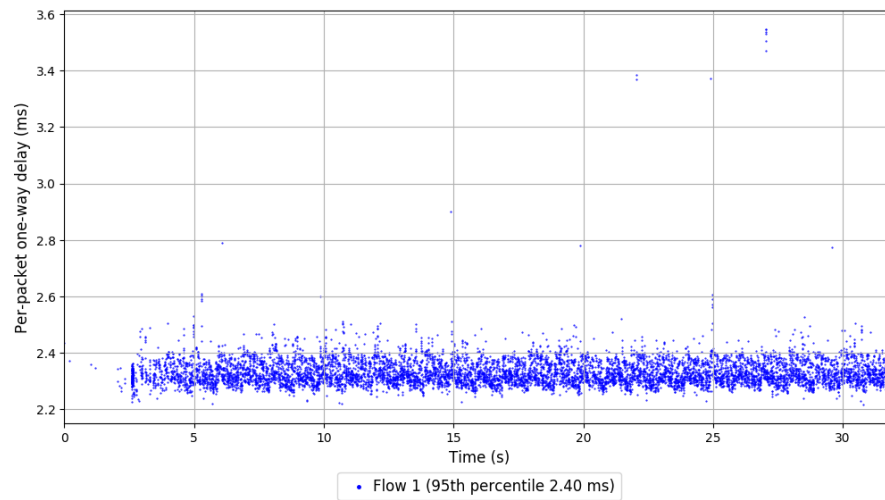
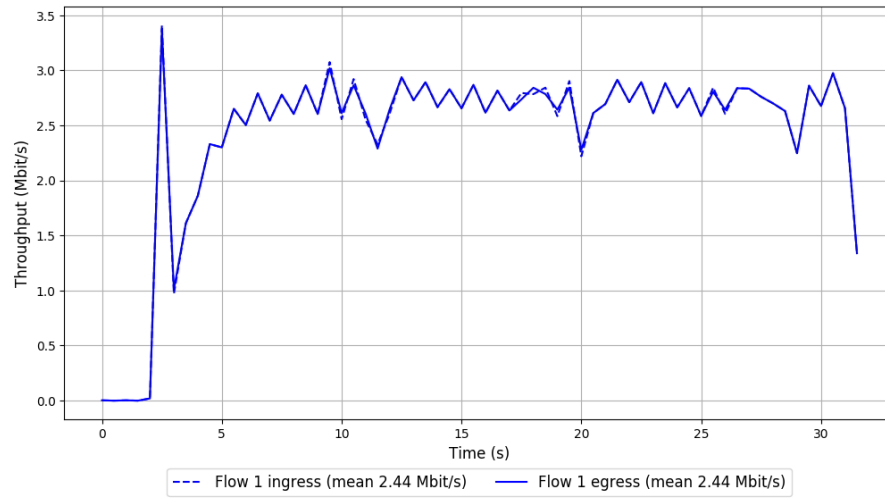
-- Flow 1:

Average throughput: 2.44 Mbit/s

95th percentile per-packet one-way delay: 2.402 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-11-30 11:28:01

End at: 2017-11-30 11:28:31

Local clock offset: 1.313 ms

Remote clock offset: 0.475 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.327 ms

Loss rate: 0.05%

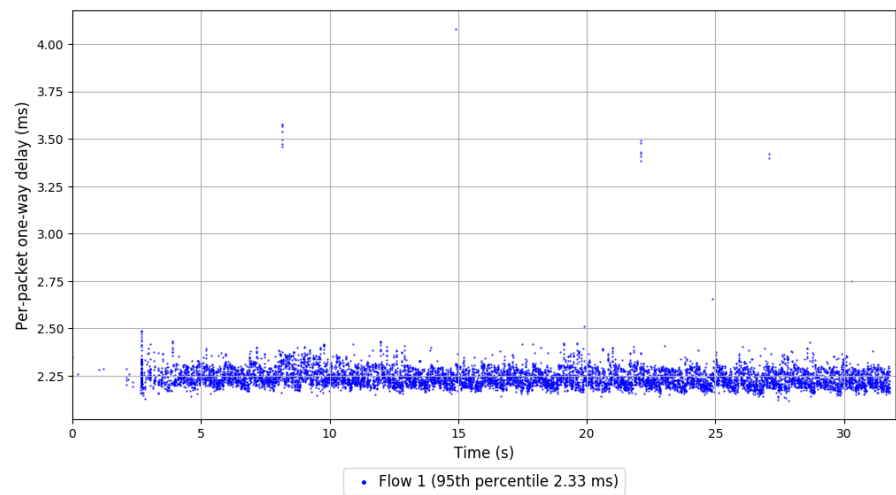
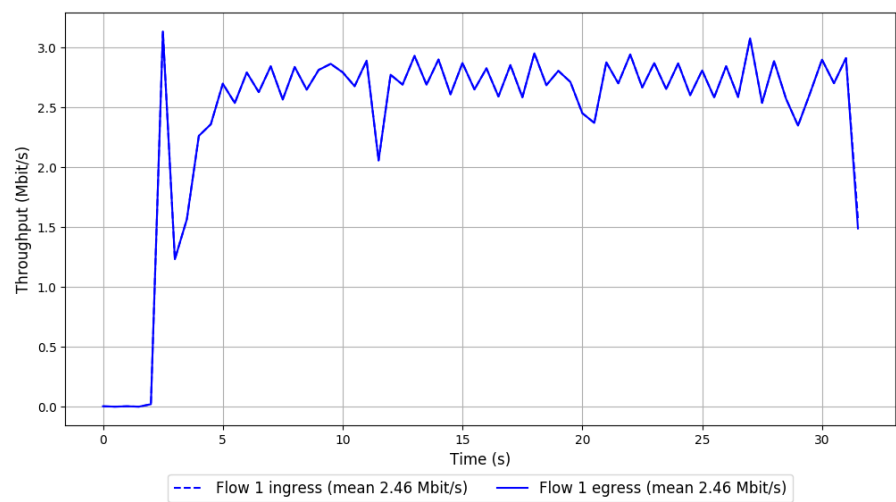
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.327 ms

Loss rate: 0.05%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-11-30 11:45:59

End at: 2017-11-30 11:46:30

Local clock offset: 1.04 ms

Remote clock offset: 0.084 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.299 ms

Loss rate: 0.00%

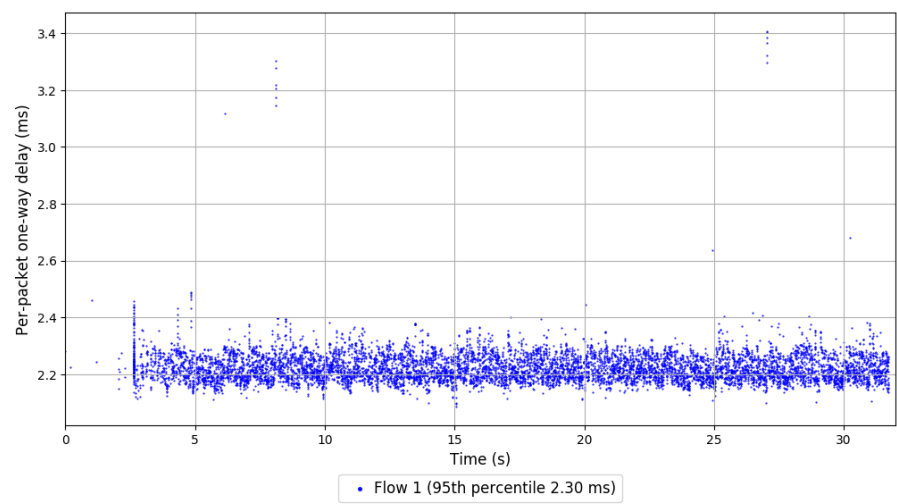
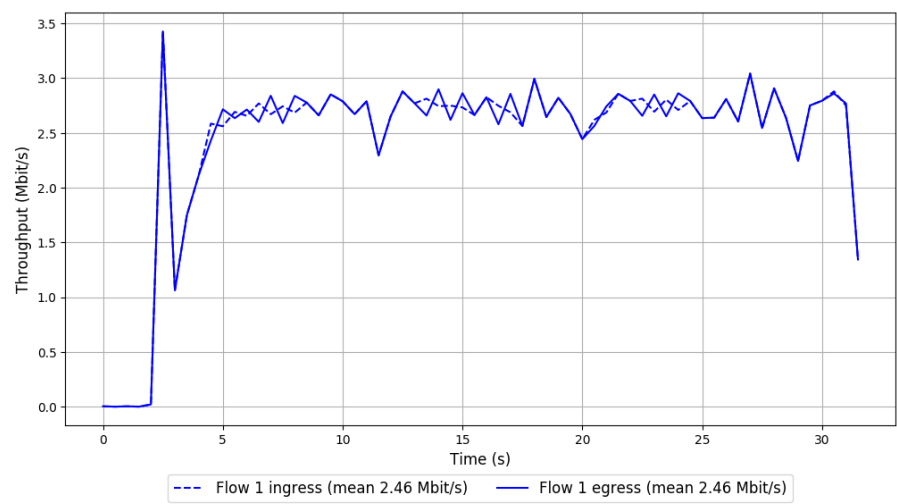
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.299 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-11-30 08:55:08

End at: 2017-11-30 08:55:38

Local clock offset: 3.396 ms

Remote clock offset: 0.034 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.21 Mbit/s

95th percentile per-packet one-way delay: 2.608 ms

Loss rate: 0.00%

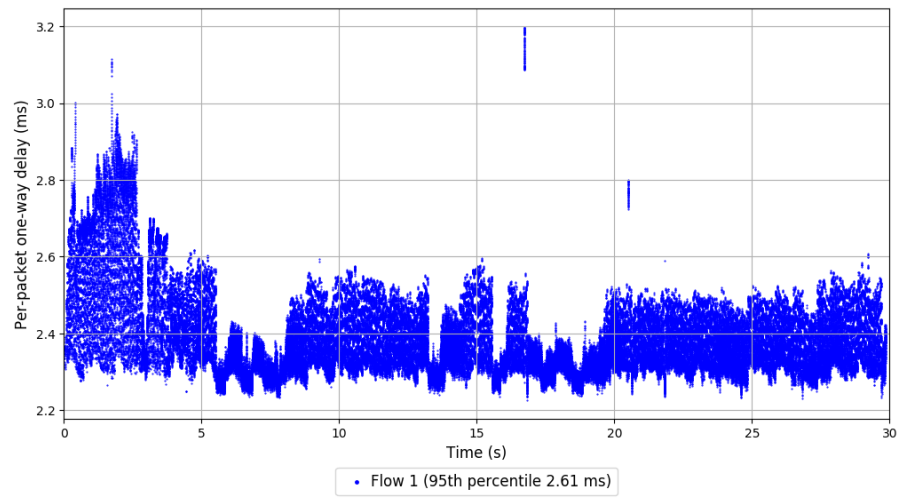
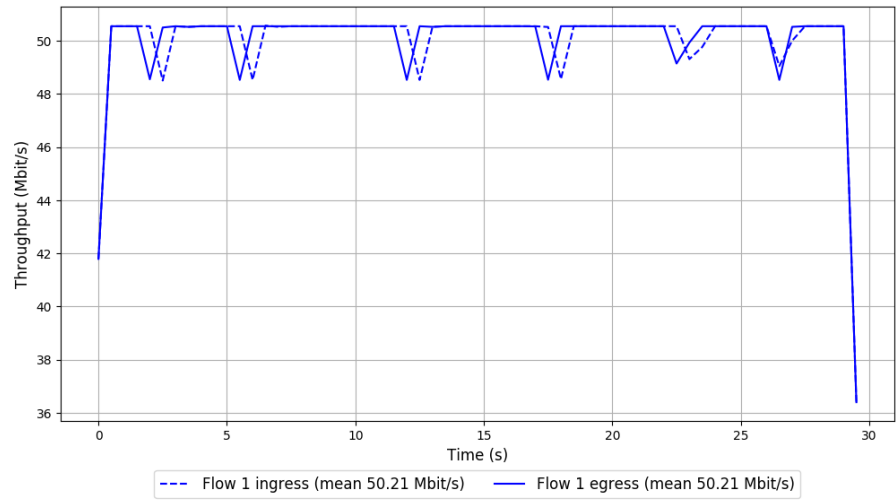
-- Flow 1:

Average throughput: 50.21 Mbit/s

95th percentile per-packet one-way delay: 2.608 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-11-30 09:13:25

End at: 2017-11-30 09:13:55

Local clock offset: 3.862 ms

Remote clock offset: 0.342 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 2.499 ms

Loss rate: 0.00%

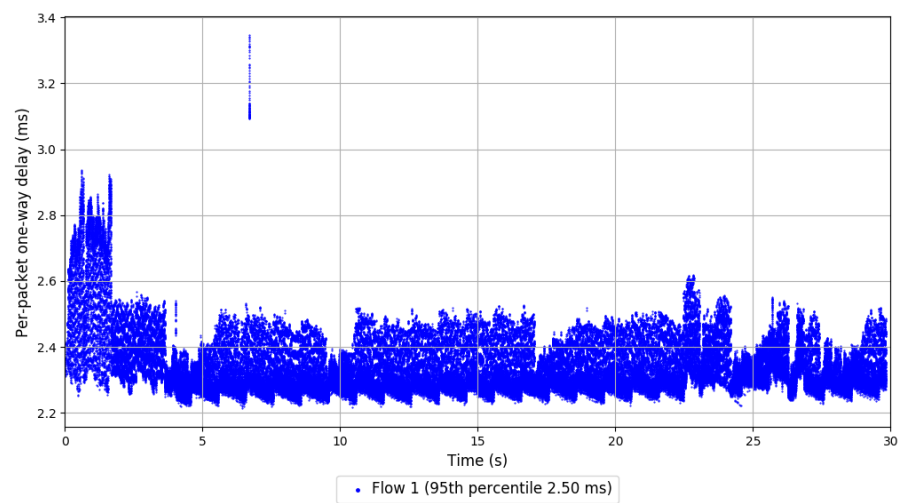
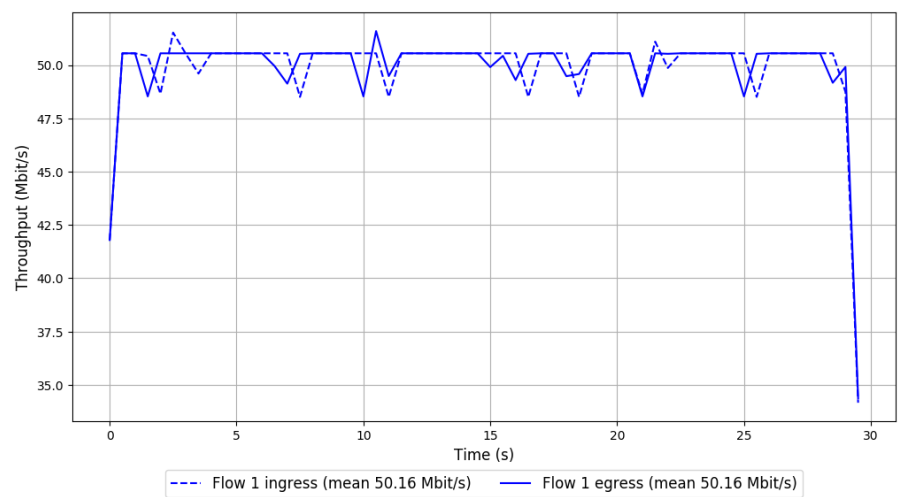
-- Flow 1:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 2.499 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2017-11-30 09:31:33

End at: 2017-11-30 09:32:03

Local clock offset: 3.735 ms

Remote clock offset: 0.527 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 2.418 ms

Loss rate: 0.00%

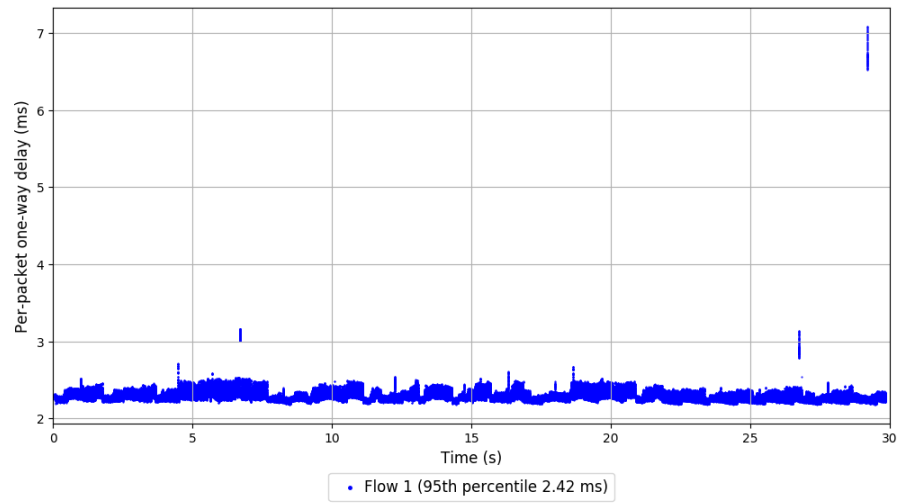
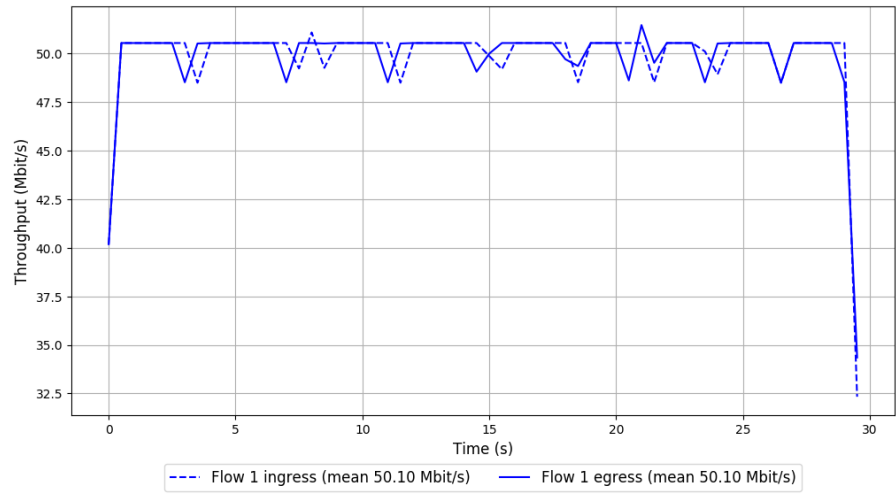
-- Flow 1:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 2.418 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-11-30 09:49:51

End at: 2017-11-30 09:50:21

Local clock offset: 4.102 ms

Remote clock offset: 0.653 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.320 ms

Loss rate: 0.00%

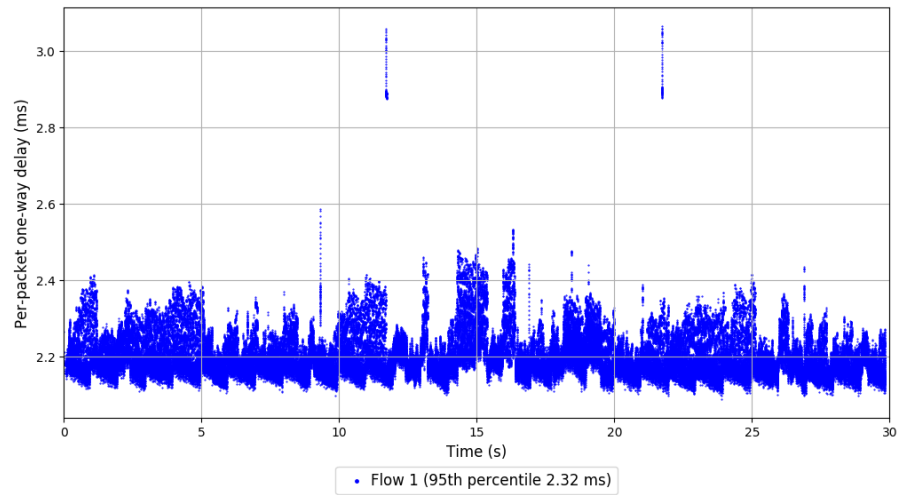
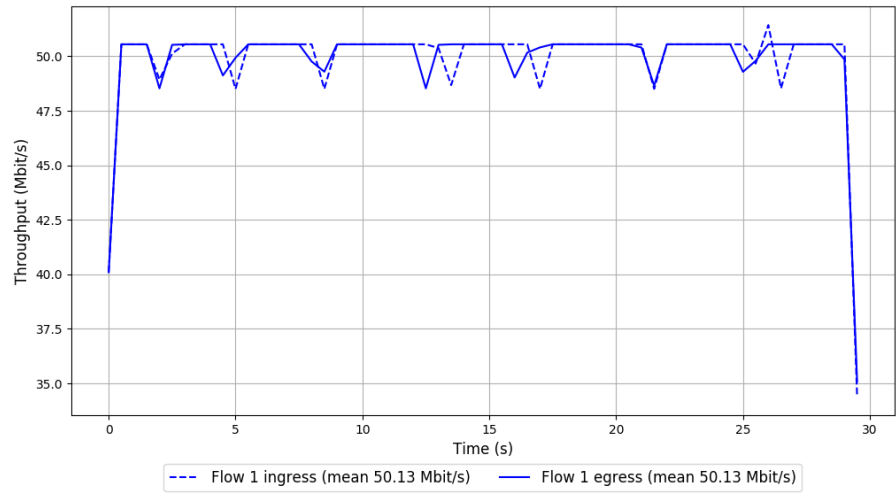
-- Flow 1:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.320 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2017-11-30 10:08:01

End at: 2017-11-30 10:08:31

Local clock offset: 3.89 ms

Remote clock offset: 0.718 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.99 Mbit/s

95th percentile per-packet one-way delay: 2.563 ms

Loss rate: 0.07%

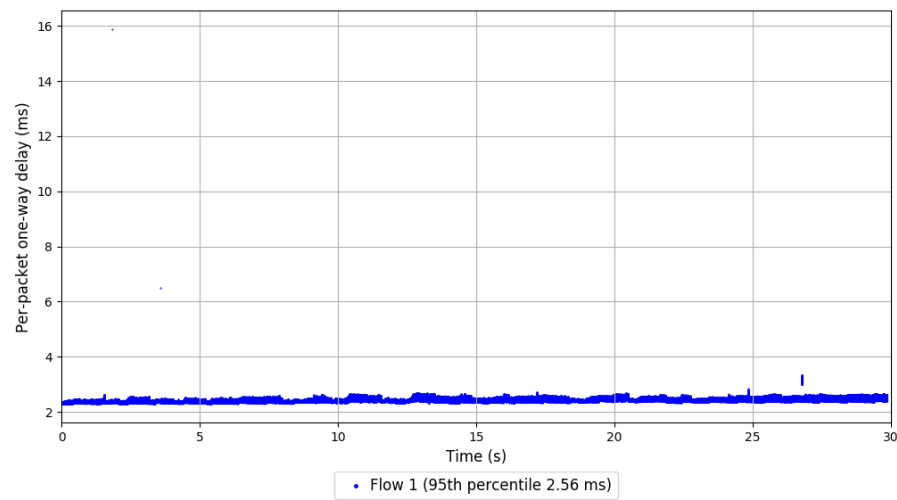
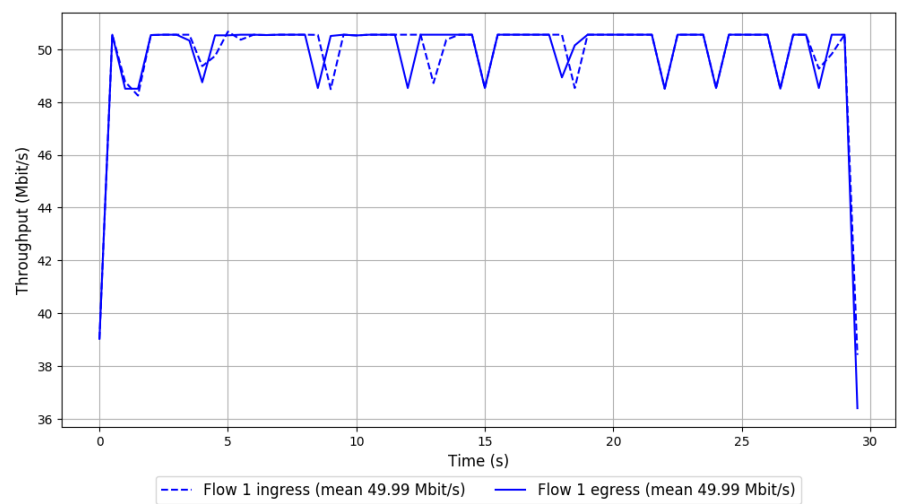
-- Flow 1:

Average throughput: 49.99 Mbit/s

95th percentile per-packet one-way delay: 2.563 ms

Loss rate: 0.07%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-11-30 10:26:01

End at: 2017-11-30 10:26:31

Local clock offset: 2.587 ms

Remote clock offset: 0.818 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.297 ms

Loss rate: 0.03%

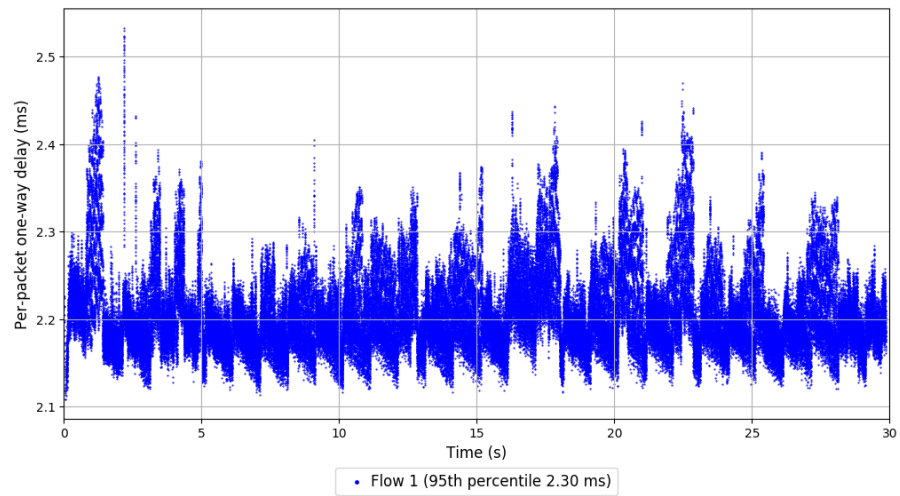
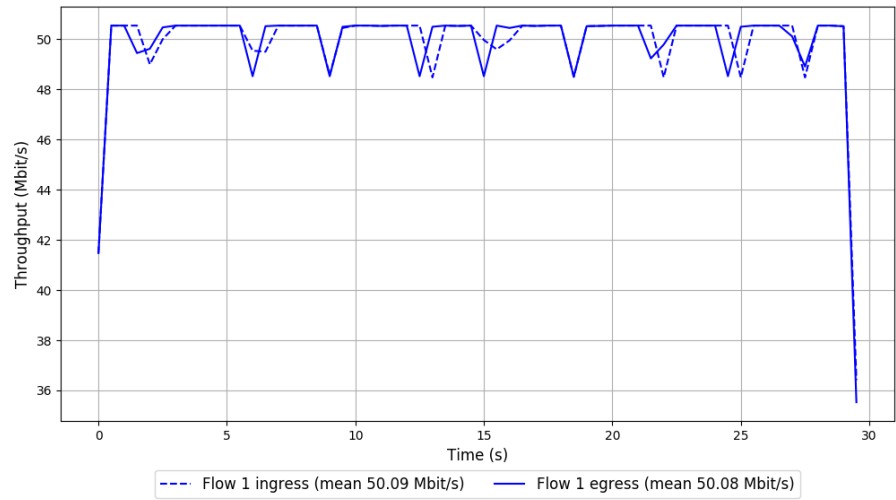
-- Flow 1:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.297 ms

Loss rate: 0.03%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-11-30 10:44:07

End at: 2017-11-30 10:44:37

Local clock offset: 1.634 ms

Remote clock offset: 0.871 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.12 Mbit/s

95th percentile per-packet one-way delay: 2.472 ms

Loss rate: 0.00%

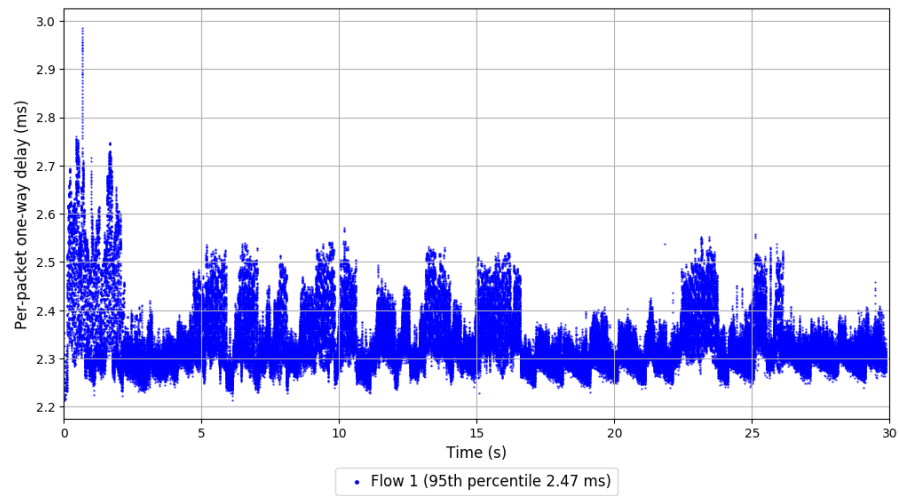
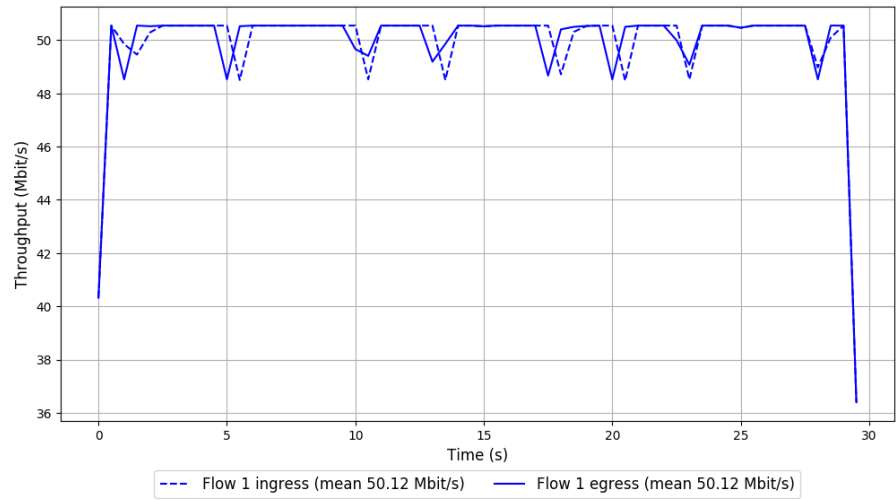
-- Flow 1:

Average throughput: 50.12 Mbit/s

95th percentile per-packet one-way delay: 2.472 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-11-30 11:02:10

End at: 2017-11-30 11:02:40

Local clock offset: 1.303 ms

Remote clock offset: 0.879 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.17 Mbit/s

95th percentile per-packet one-way delay: 2.389 ms

Loss rate: 0.07%

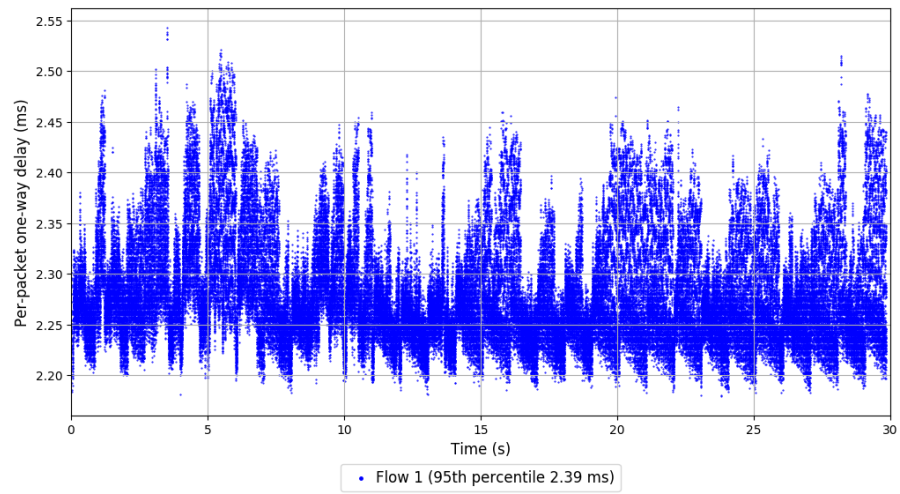
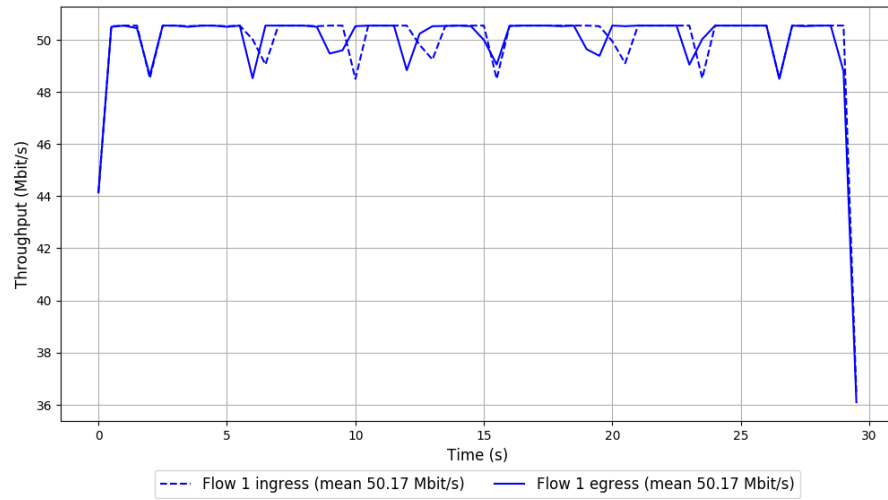
-- Flow 1:

Average throughput: 50.17 Mbit/s

95th percentile per-packet one-way delay: 2.389 ms

Loss rate: 0.07%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-11-30 11:19:43

End at: 2017-11-30 11:20:13

Local clock offset: 1.174 ms

Remote clock offset: 0.613 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 2.574 ms

Loss rate: 0.00%

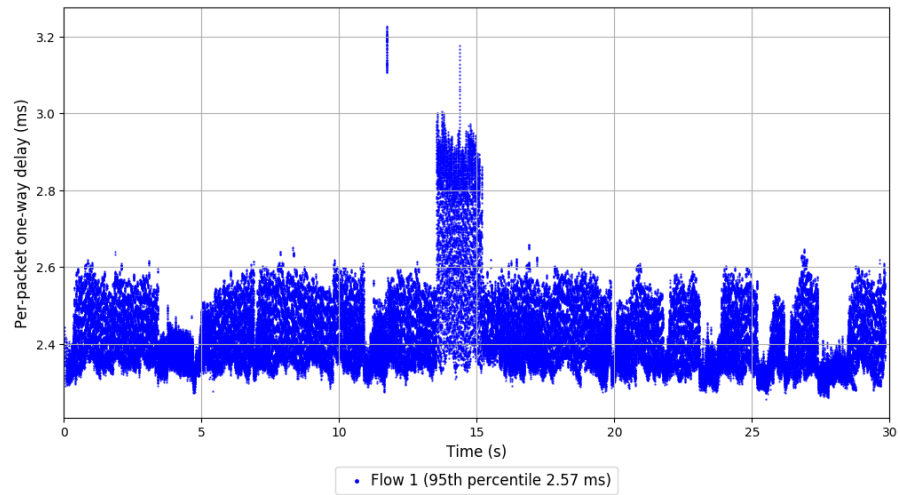
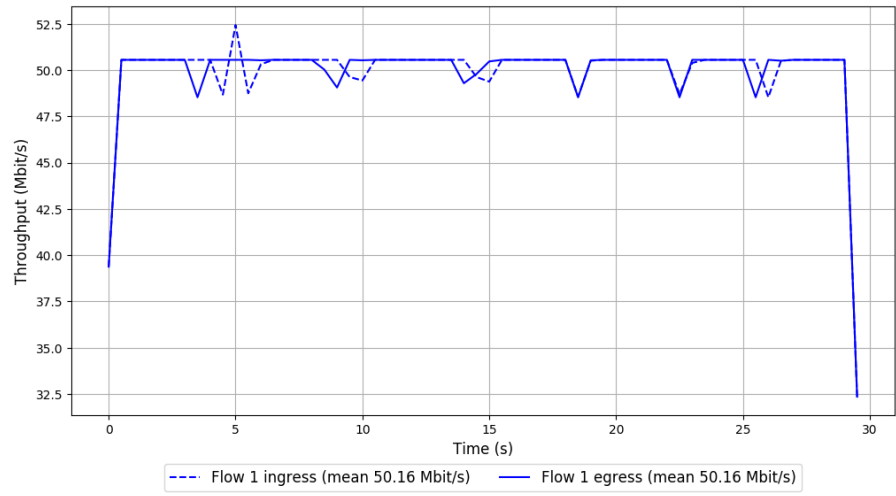
-- Flow 1:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 2.574 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-11-30 11:37:57

End at: 2017-11-30 11:38:27

Local clock offset: 1.294 ms

Remote clock offset: 0.375 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 2.367 ms

Loss rate: 0.07%

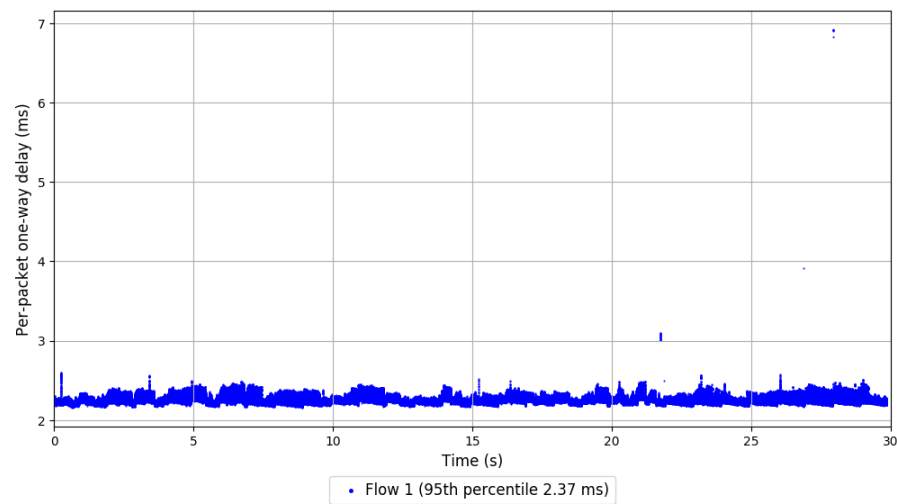
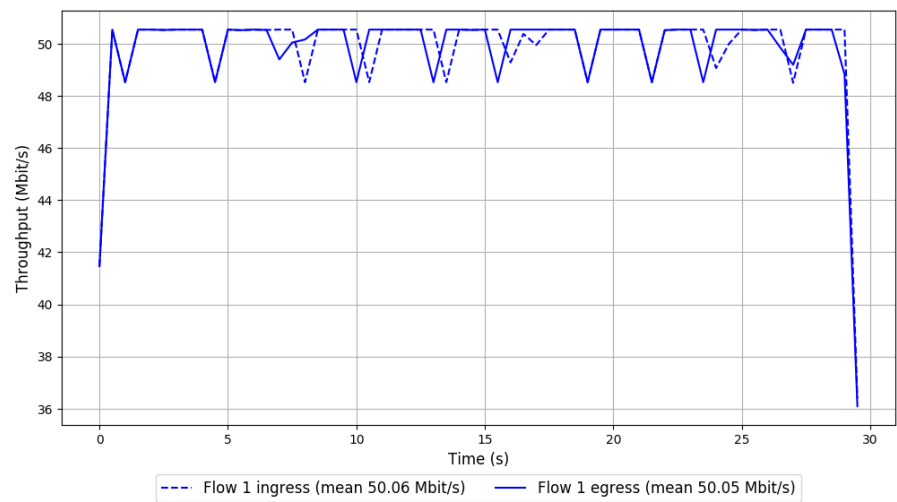
-- Flow 1:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 2.367 ms

Loss rate: 0.07%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-11-30 08:50:01

End at: 2017-11-30 08:50:31

Local clock offset: 3.374 ms

Remote clock offset: 0.071 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 232.94 Mbit/s

95th percentile per-packet one-way delay: 2.293 ms

Loss rate: 0.01%

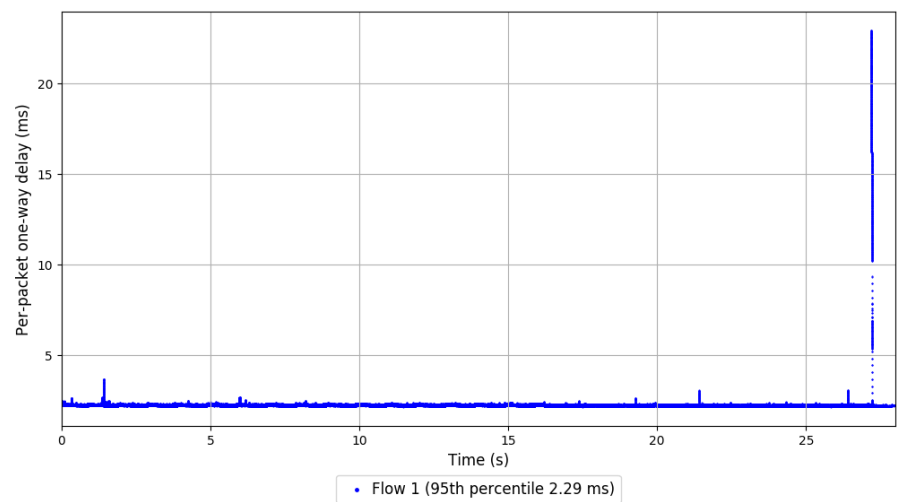
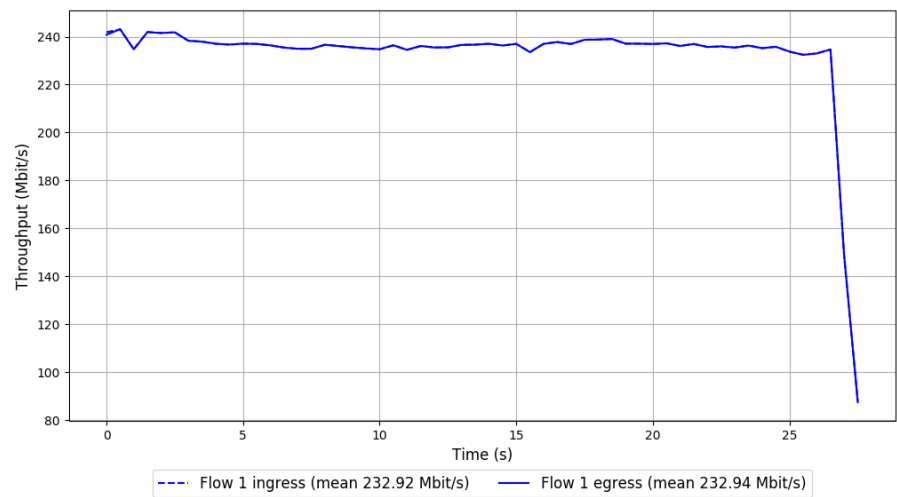
-- Flow 1:

Average throughput: 232.94 Mbit/s

95th percentile per-packet one-way delay: 2.293 ms

Loss rate: 0.01%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-11-30 09:08:19

End at: 2017-11-30 09:08:49

Local clock offset: 3.855 ms

Remote clock offset: 0.212 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.07 Mbit/s

95th percentile per-packet one-way delay: 2.339 ms

Loss rate: 0.01%

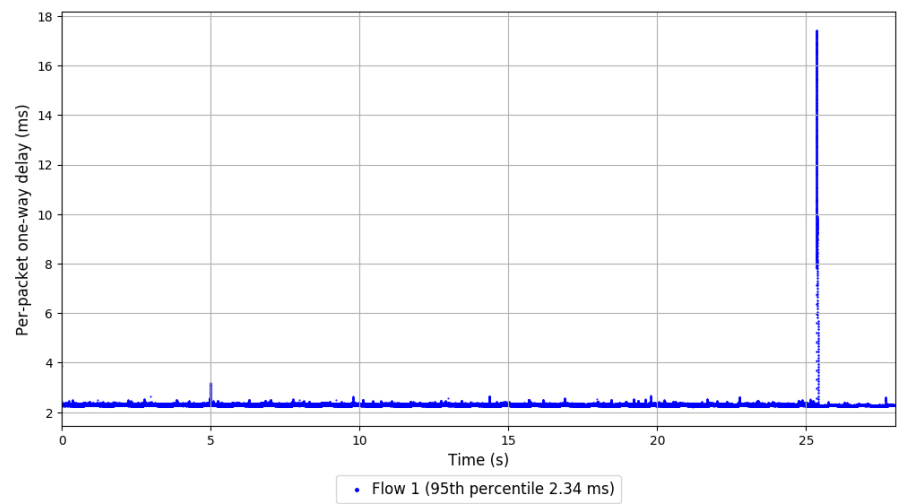
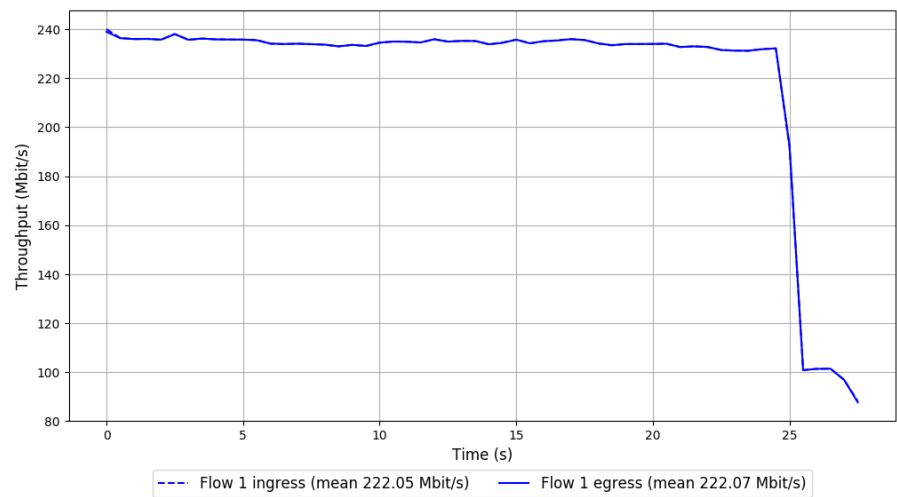
-- Flow 1:

Average throughput: 222.07 Mbit/s

95th percentile per-packet one-way delay: 2.339 ms

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-11-30 09:26:26

End at: 2017-11-30 09:26:56

Local clock offset: 3.813 ms

Remote clock offset: 0.489 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.80 Mbit/s

95th percentile per-packet one-way delay: 2.316 ms

Loss rate: 0.01%

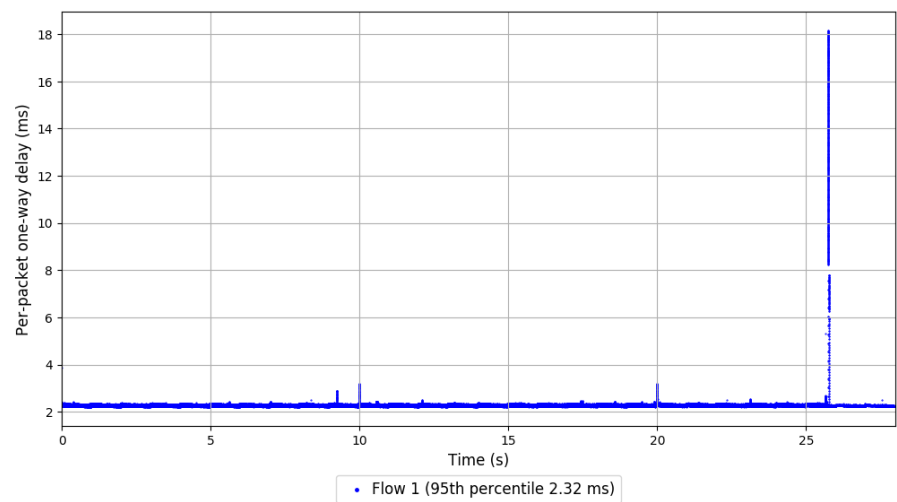
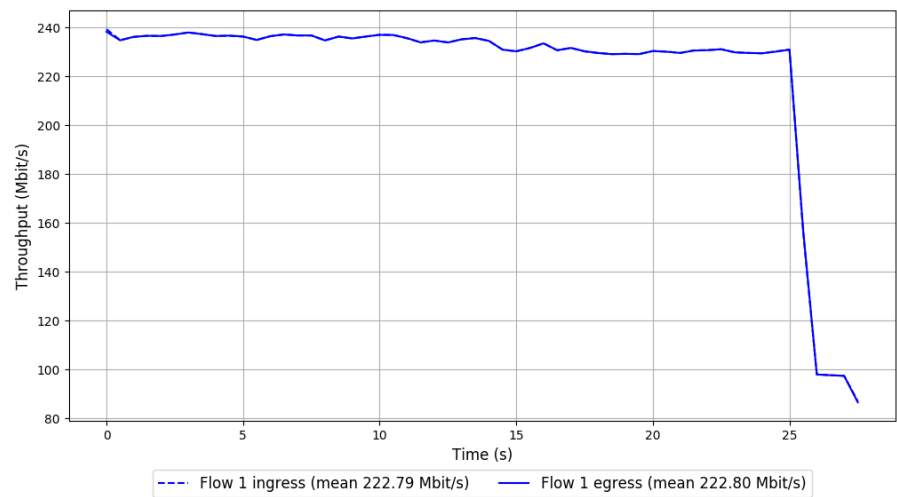
-- Flow 1:

Average throughput: 222.80 Mbit/s

95th percentile per-packet one-way delay: 2.316 ms

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-11-30 09:44:43

End at: 2017-11-30 09:45:13

Local clock offset: 3.979 ms

Remote clock offset: 0.615 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.61 Mbit/s

95th percentile per-packet one-way delay: 2.241 ms

Loss rate: 0.01%

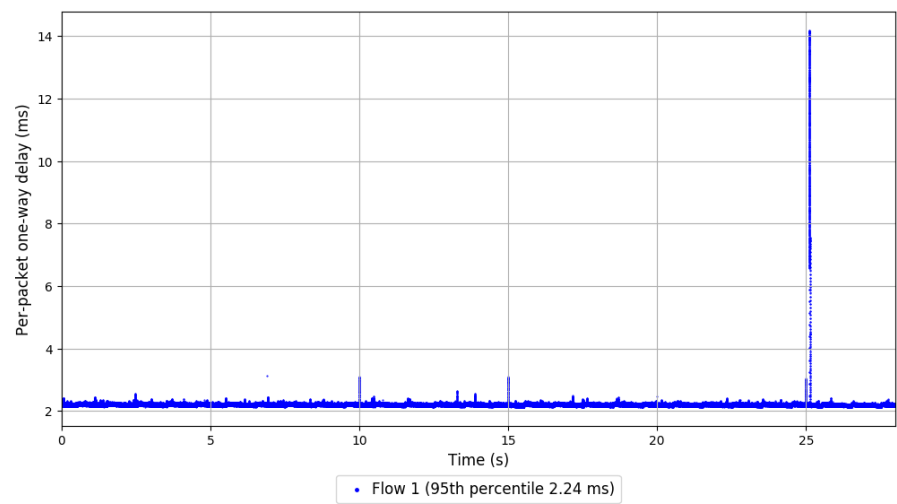
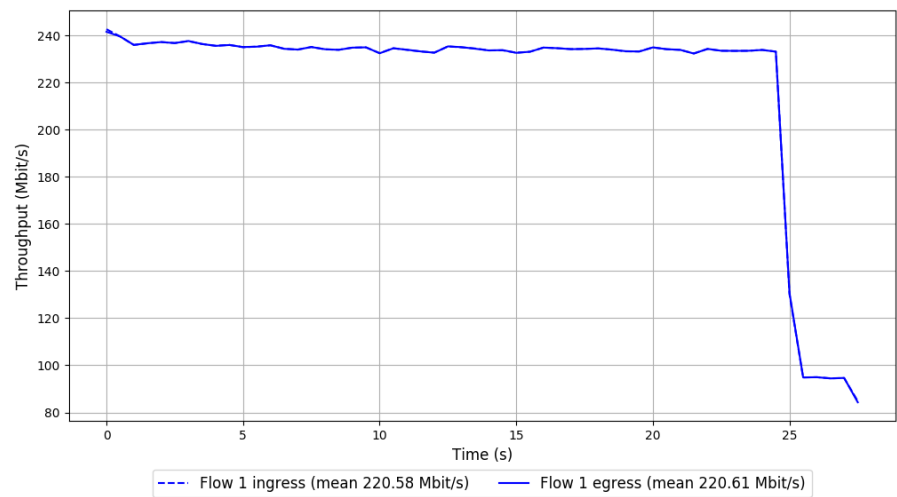
-- Flow 1:

Average throughput: 220.61 Mbit/s

95th percentile per-packet one-way delay: 2.241 ms

Loss rate: 0.01%

Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: 2017-11-30 10:02:51

End at: 2017-11-30 10:03:21

Local clock offset: 4.026 ms

Remote clock offset: 0.745 ms

Below is generated by plot.py at 2017-11-30 15:58:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 233.31 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.02%

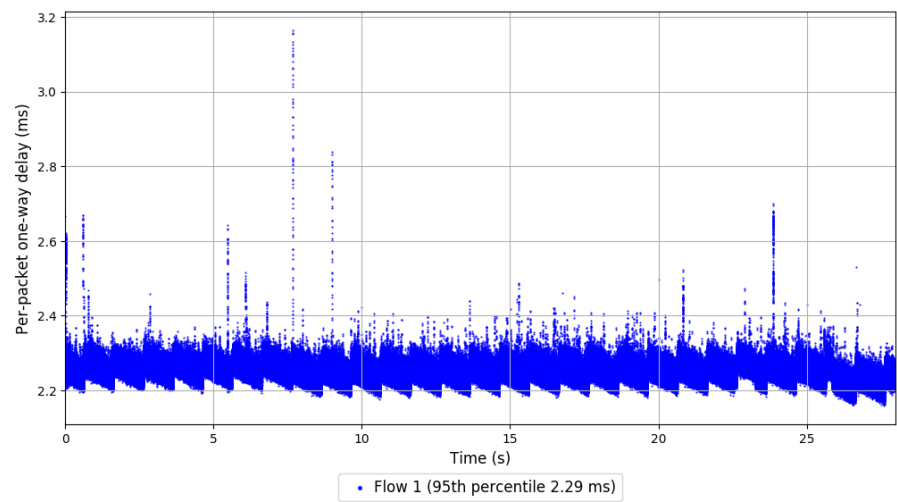
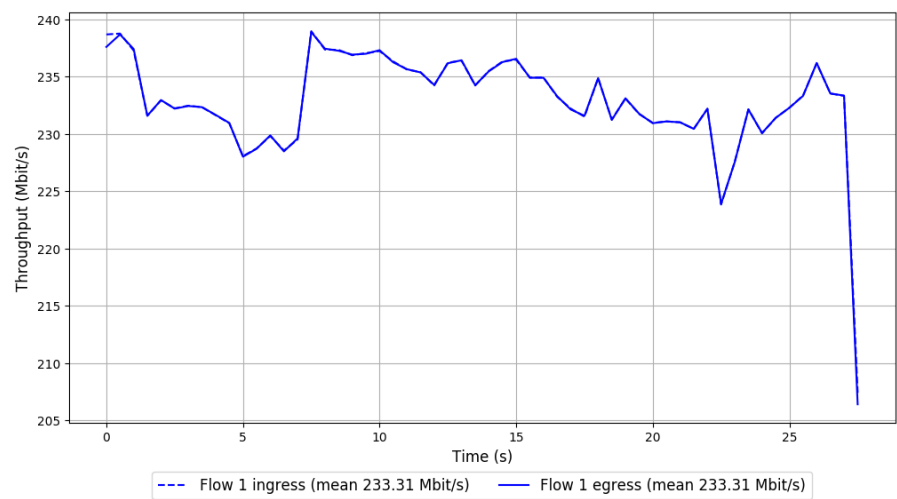
-- Flow 1:

Average throughput: 233.31 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.02%

Run 5: Report of TaoVA-100x — Data Link



Run 6: Statistics of TaoVA-100x

Start at: 2017-11-30 10:20:54

End at: 2017-11-30 10:21:24

Local clock offset: 2.776 ms

Remote clock offset: 0.738 ms

Below is generated by plot.py at 2017-11-30 15:59:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 231.49 Mbit/s

95th percentile per-packet one-way delay: 2.380 ms

Loss rate: 0.01%

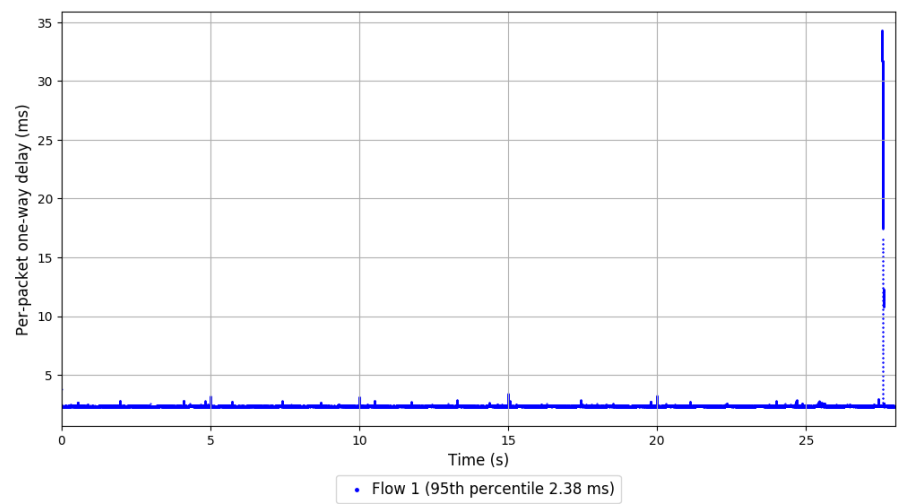
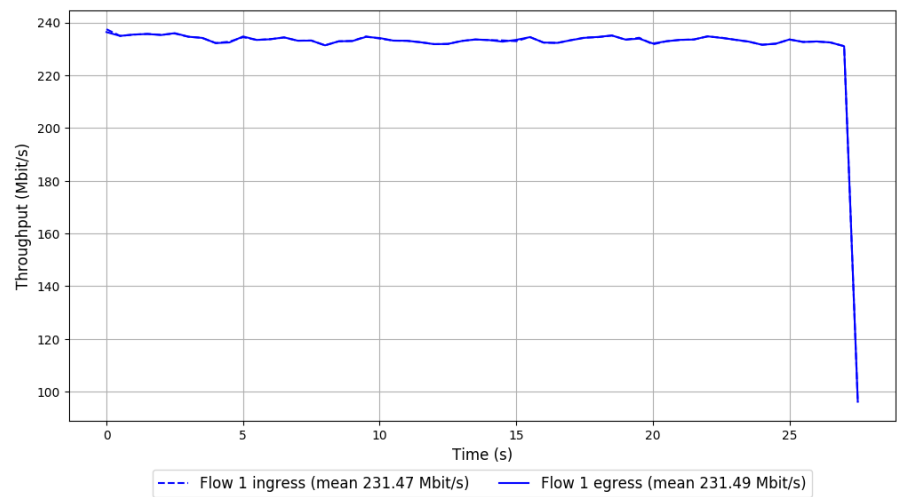
-- Flow 1:

Average throughput: 231.49 Mbit/s

95th percentile per-packet one-way delay: 2.380 ms

Loss rate: 0.01%

Run 6: Report of TaoVA-100x — Data Link



Run 7: Statistics of TaoVA-100x

Start at: 2017-11-30 10:39:06

End at: 2017-11-30 10:39:36

Local clock offset: 1.95 ms

Remote clock offset: 0.846 ms

Below is generated by plot.py at 2017-11-30 16:01:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 129.70 Mbit/s

95th percentile per-packet one-way delay: 2.343 ms

Loss rate: 0.01%

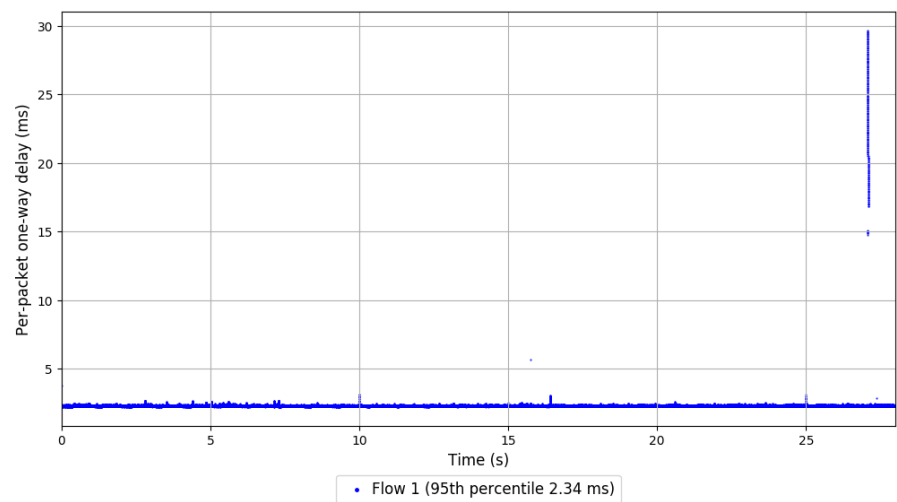
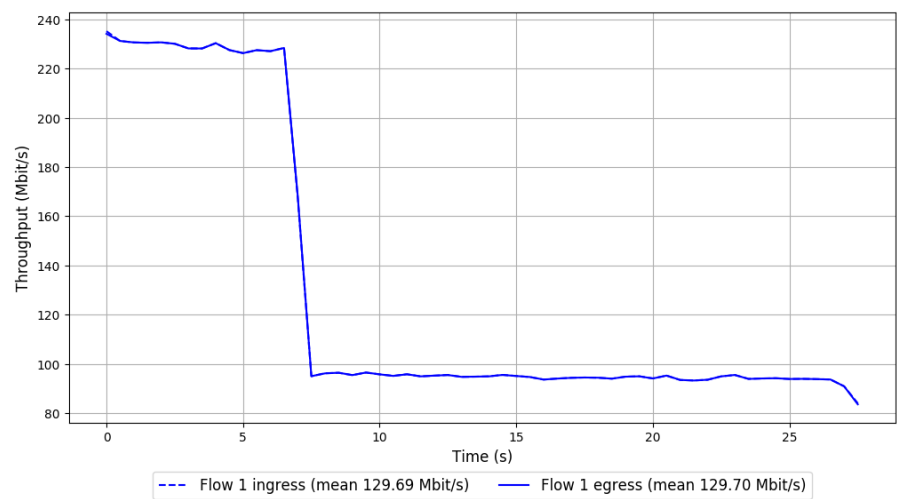
-- Flow 1:

Average throughput: 129.70 Mbit/s

95th percentile per-packet one-way delay: 2.343 ms

Loss rate: 0.01%

Run 7: Report of TaoVA-100x — Data Link



Run 8: Statistics of TaoVA-100x

Start at: 2017-11-30 10:57:10

End at: 2017-11-30 10:57:40

Local clock offset: 1.347 ms

Remote clock offset: 0.937 ms

Below is generated by plot.py at 2017-11-30 16:01:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 120.03 Mbit/s

95th percentile per-packet one-way delay: 2.290 ms

Loss rate: 0.01%

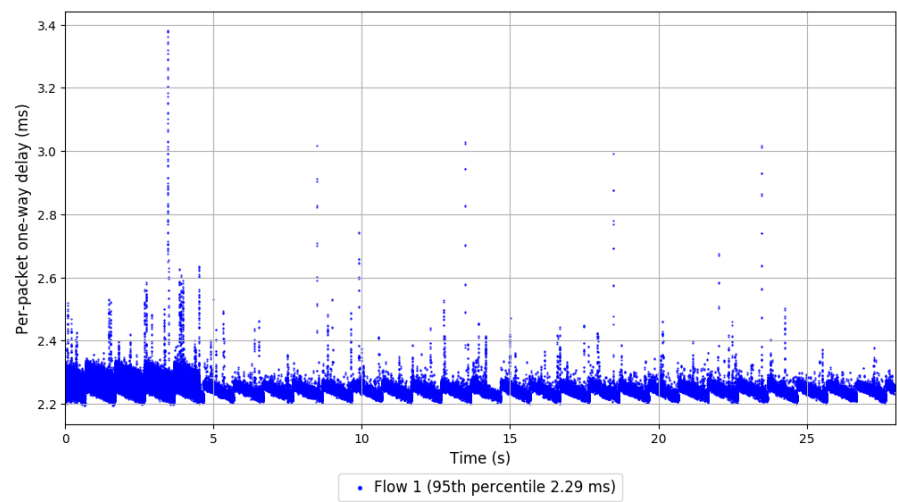
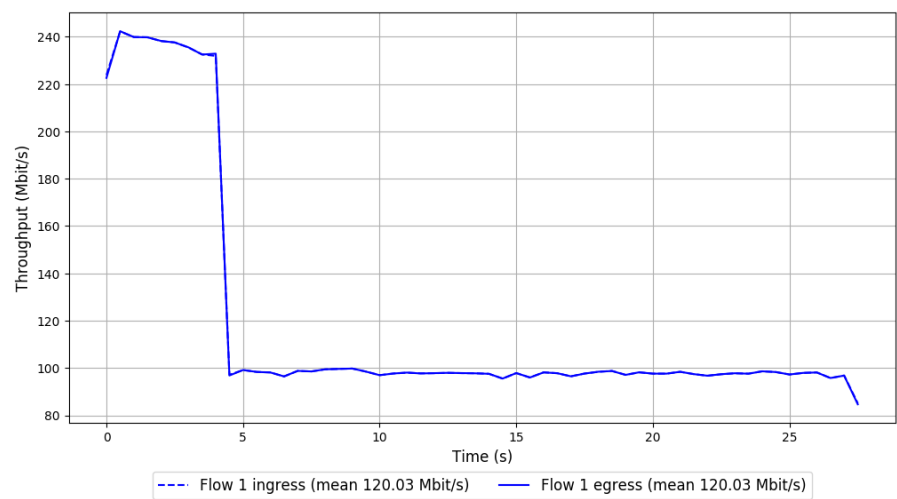
-- Flow 1:

Average throughput: 120.03 Mbit/s

95th percentile per-packet one-way delay: 2.290 ms

Loss rate: 0.01%

Run 8: Report of TaoVA-100x — Data Link



Run 9: Statistics of TaoVA-100x

Start at: 2017-11-30 11:14:44

End at: 2017-11-30 11:15:14

Local clock offset: 1.142 ms

Remote clock offset: 0.801 ms

Below is generated by plot.py at 2017-11-30 16:01:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 110.83 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.02%

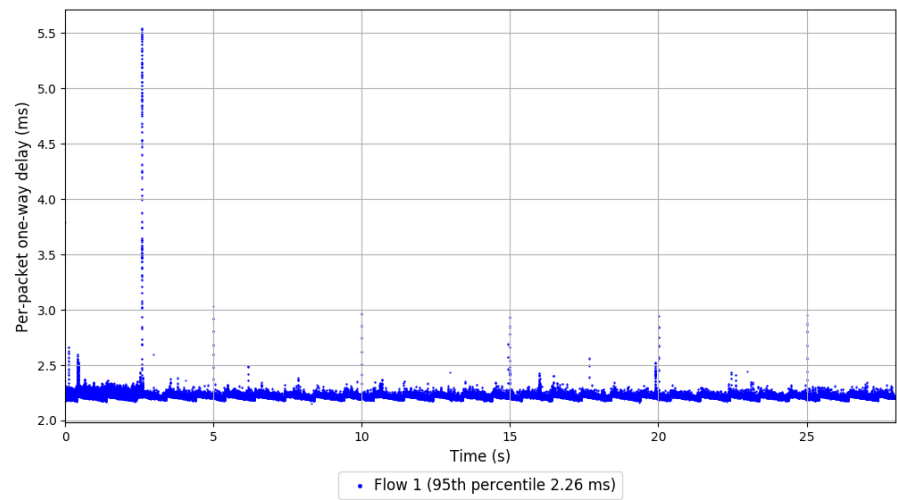
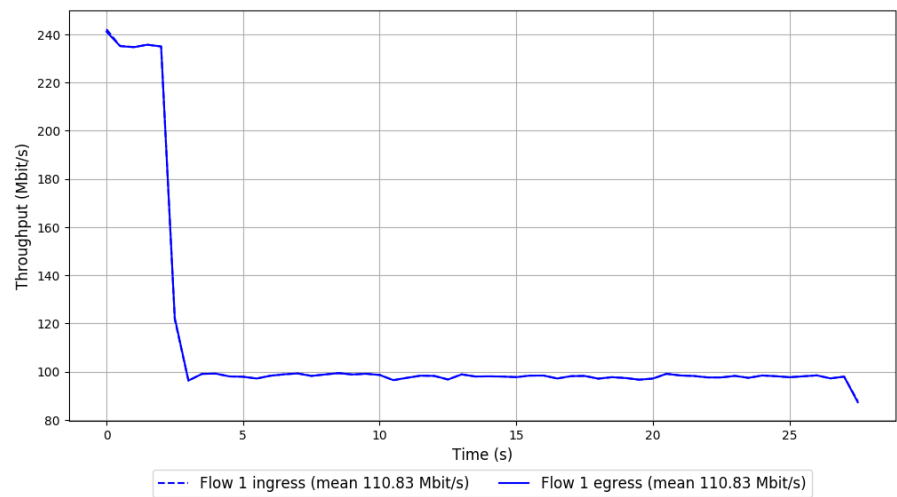
-- Flow 1:

Average throughput: 110.83 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.02%

Run 9: Report of TaoVA-100x — Data Link



Run 10: Statistics of TaoVA-100x

Start at: 2017-11-30 11:32:55

End at: 2017-11-30 11:33:25

Local clock offset: 1.449 ms

Remote clock offset: 0.356 ms

Below is generated by plot.py at 2017-11-30 16:01:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 143.13 Mbit/s

95th percentile per-packet one-way delay: 2.328 ms

Loss rate: 0.01%

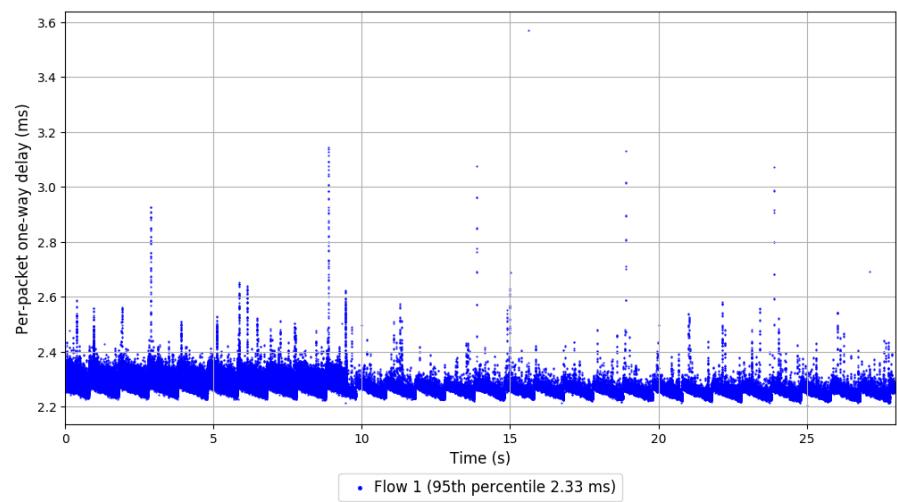
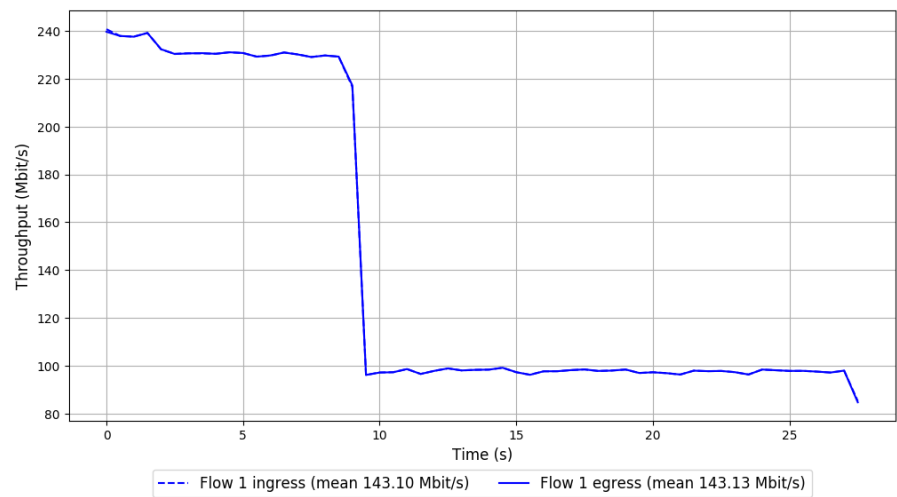
-- Flow 1:

Average throughput: 143.13 Mbit/s

95th percentile per-packet one-way delay: 2.328 ms

Loss rate: 0.01%

Run 10: Report of TaoVA-100x — Data Link



Run 1: Statistics of TCP Vegas

Start at: 2017-11-30 09:00:26

End at: 2017-11-30 09:00:56

Local clock offset: 3.552 ms

Remote clock offset: 0.087 ms

Below is generated by plot.py at 2017-11-30 16:07:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 712.68 Mbit/s

95th percentile per-packet one-way delay: 2.565 ms

Loss rate: 0.02%

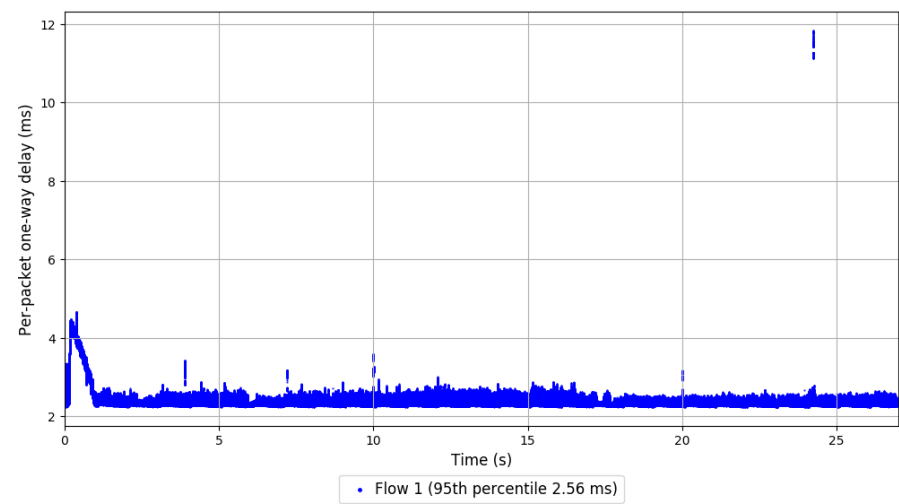
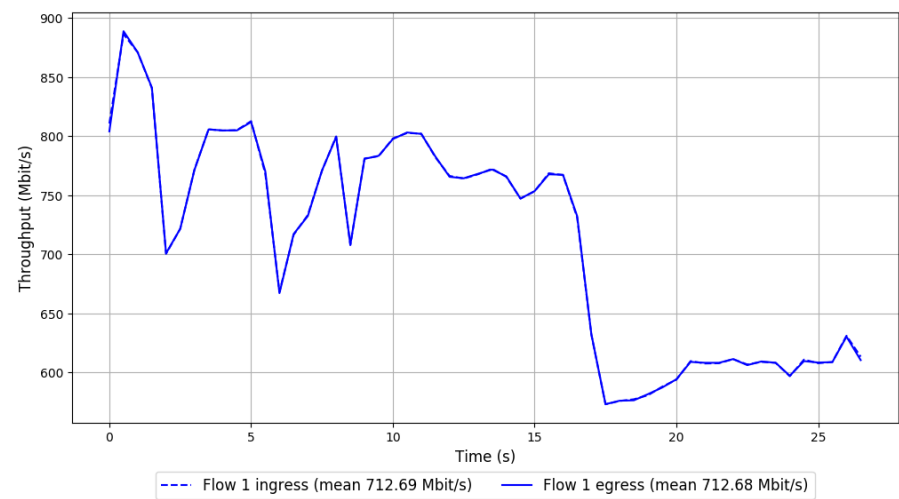
-- Flow 1:

Average throughput: 712.68 Mbit/s

95th percentile per-packet one-way delay: 2.565 ms

Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-11-30 09:18:42

End at: 2017-11-30 09:19:12

Local clock offset: 3.802 ms

Remote clock offset: 0.428 ms

Below is generated by plot.py at 2017-11-30 16:07:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 439.50 Mbit/s

95th percentile per-packet one-way delay: 2.429 ms

Loss rate: 0.01%

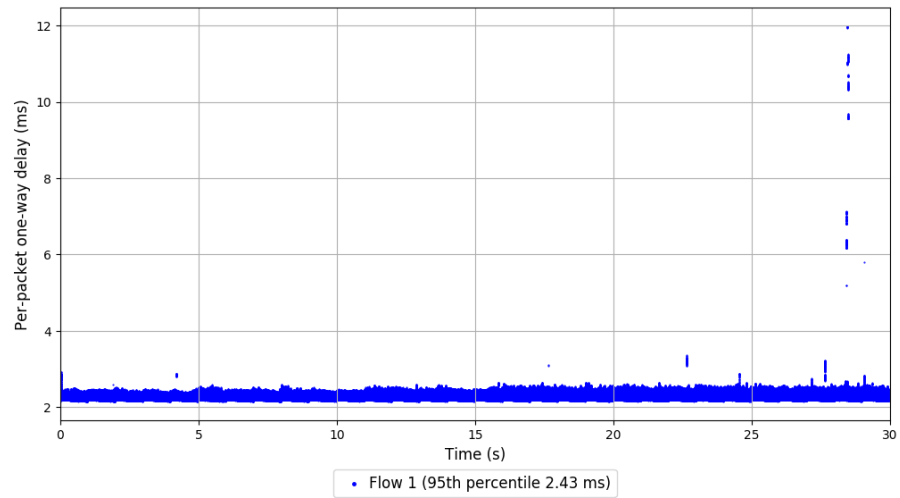
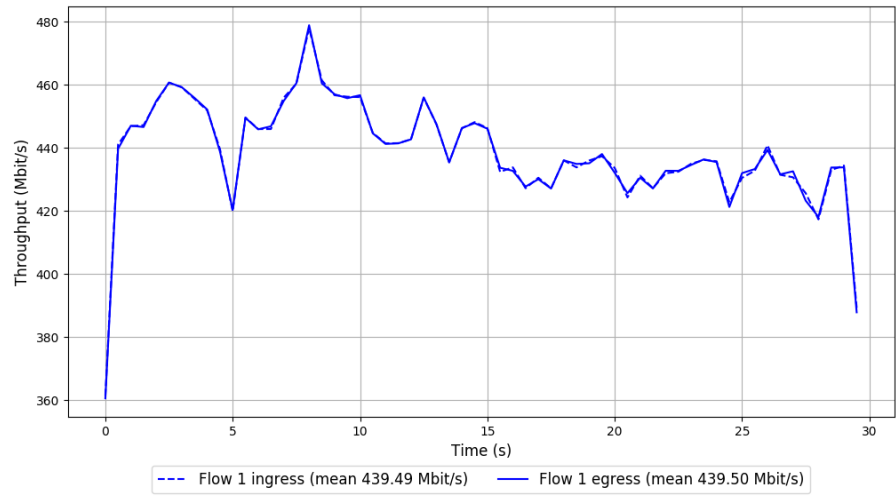
-- Flow 1:

Average throughput: 439.50 Mbit/s

95th percentile per-packet one-way delay: 2.429 ms

Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-11-30 09:36:47

End at: 2017-11-30 09:37:17

Local clock offset: 3.75 ms

Remote clock offset: 0.559 ms

Below is generated by plot.py at 2017-11-30 16:09:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 714.46 Mbit/s

95th percentile per-packet one-way delay: 2.492 ms

Loss rate: 0.01%

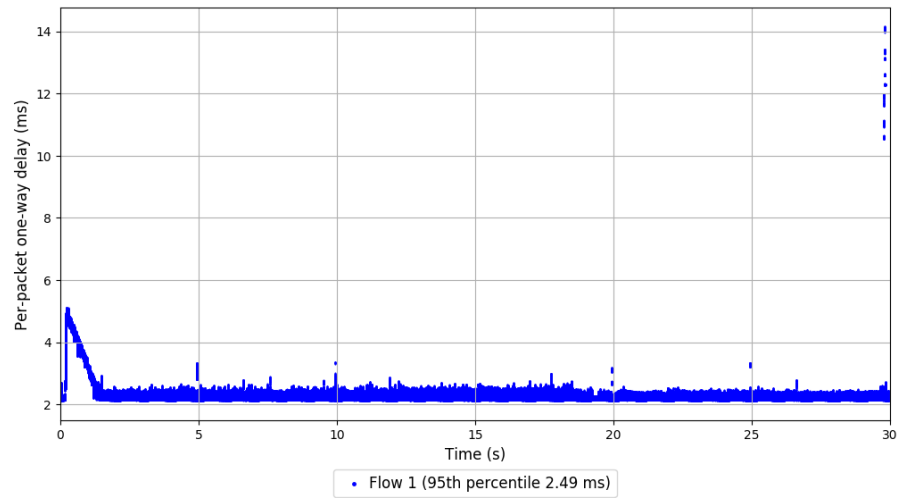
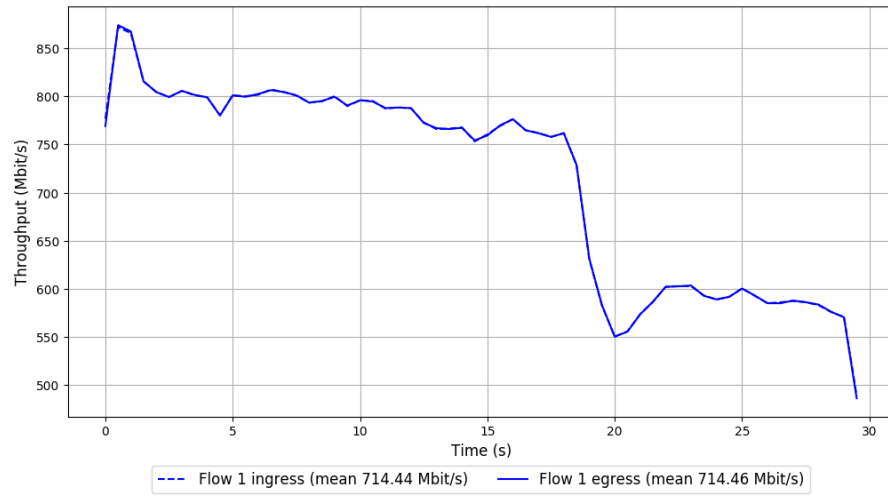
-- Flow 1:

Average throughput: 714.46 Mbit/s

95th percentile per-packet one-way delay: 2.492 ms

Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-11-30 09:55:08

End at: 2017-11-30 09:55:38

Local clock offset: 4.32 ms

Remote clock offset: 0.671 ms

Below is generated by plot.py at 2017-11-30 16:09:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 329.34 Mbit/s

95th percentile per-packet one-way delay: 2.449 ms

Loss rate: 0.02%

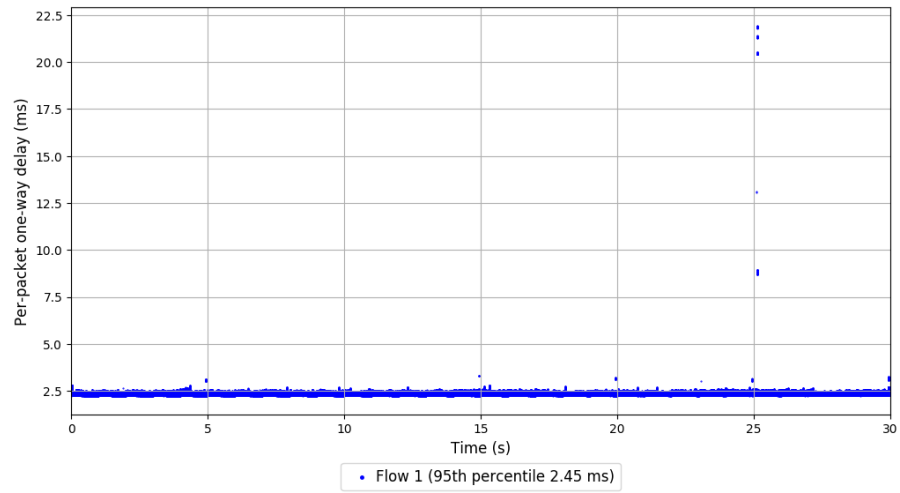
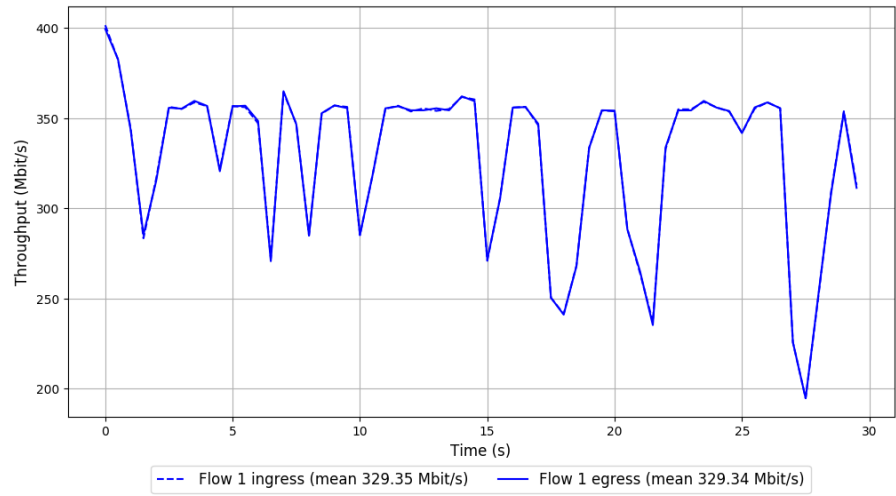
-- Flow 1:

Average throughput: 329.34 Mbit/s

95th percentile per-packet one-way delay: 2.449 ms

Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-11-30 10:13:11

End at: 2017-11-30 10:13:41

Local clock offset: 3.248 ms

Remote clock offset: 0.774 ms

Below is generated by plot.py at 2017-11-30 16:09:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 384.13 Mbit/s

95th percentile per-packet one-way delay: 3.616 ms

Loss rate: 0.01%

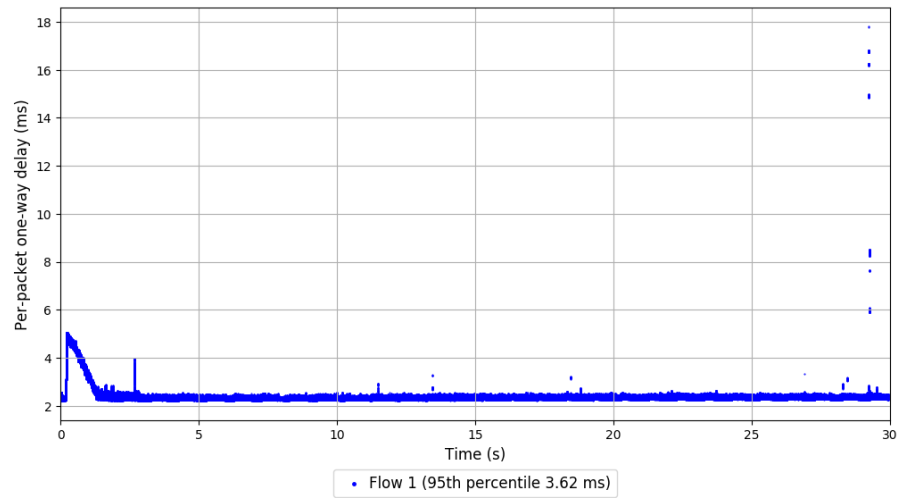
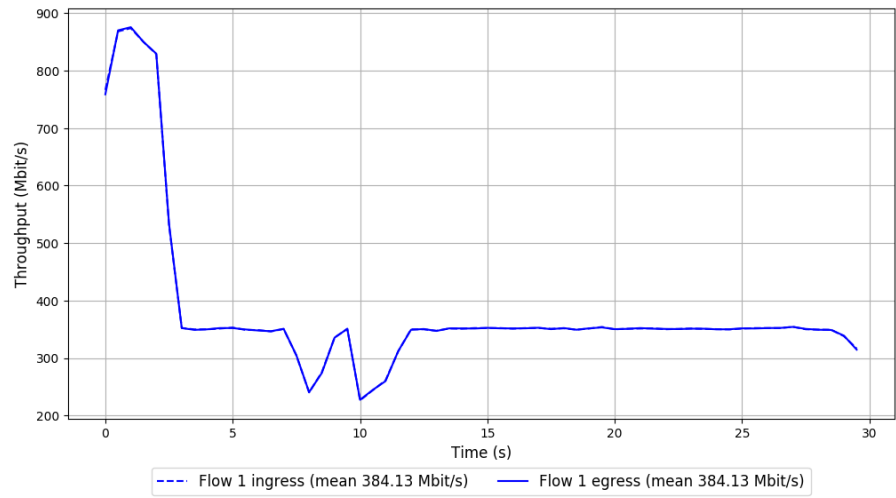
-- Flow 1:

Average throughput: 384.13 Mbit/s

95th percentile per-packet one-way delay: 3.616 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

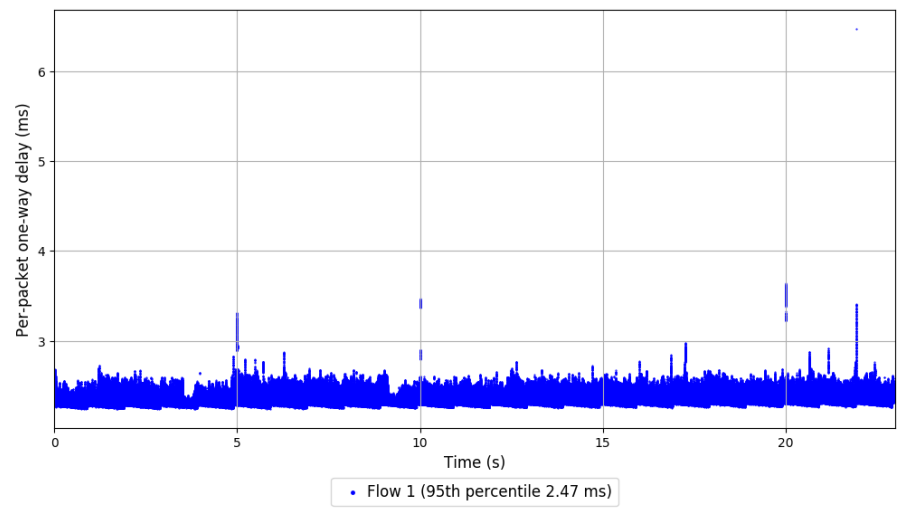
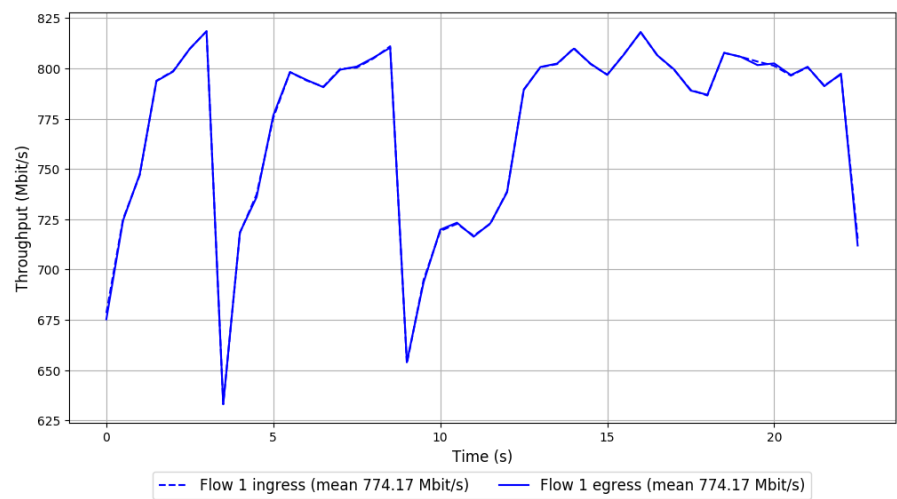
Start at: 2017-11-30 10:31:15

End at: 2017-11-30 10:31:45

Local clock offset: 2.496 ms

Remote clock offset: 0.828 ms

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-11-30 10:49:24

End at: 2017-11-30 10:49:54

Local clock offset: 1.435 ms

Remote clock offset: 0.893 ms

Below is generated by plot.py at 2017-11-30 16:09:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 423.27 Mbit/s

95th percentile per-packet one-way delay: 2.496 ms

Loss rate: 0.01%

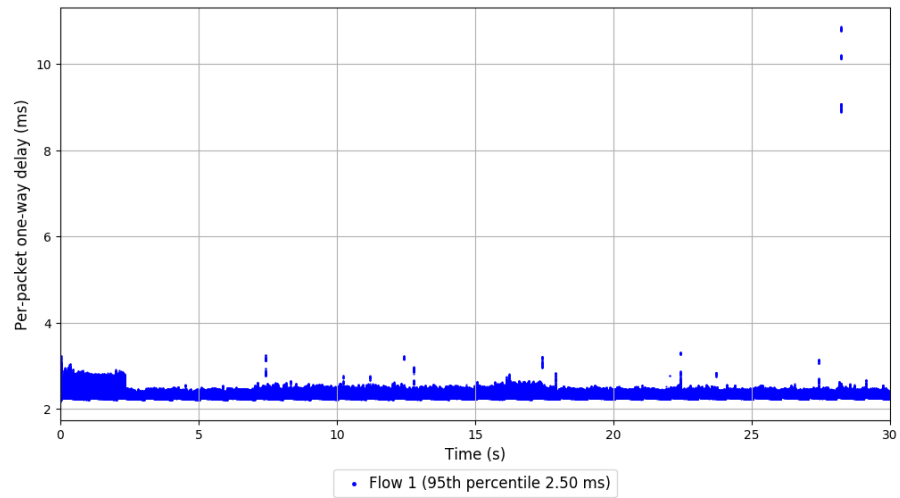
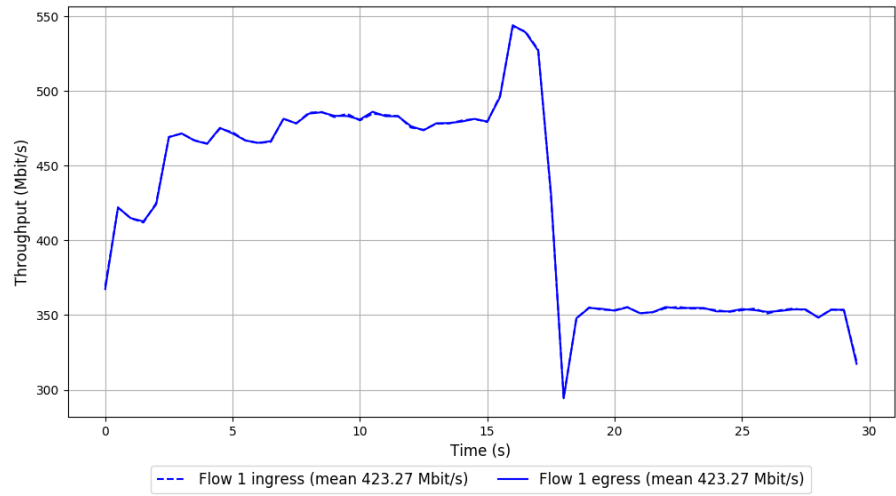
-- Flow 1:

Average throughput: 423.27 Mbit/s

95th percentile per-packet one-way delay: 2.496 ms

Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-11-30 11:07:07

End at: 2017-11-30 11:07:37

Local clock offset: 1.278 ms

Remote clock offset: 0.892 ms

Below is generated by plot.py at 2017-11-30 16:09:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 290.37 Mbit/s

95th percentile per-packet one-way delay: 2.491 ms

Loss rate: 0.02%

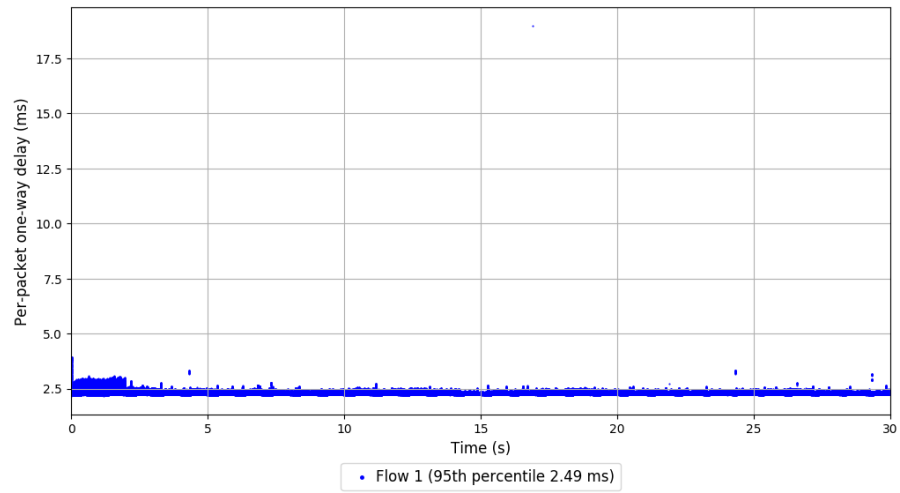
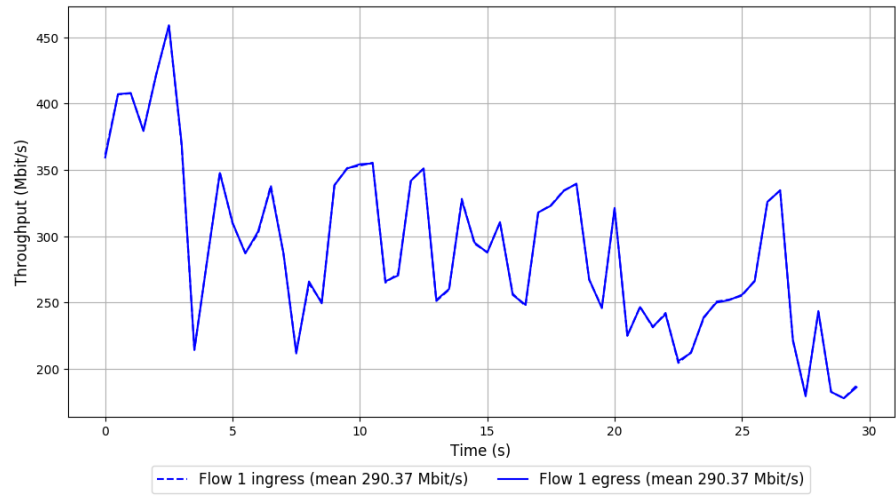
-- Flow 1:

Average throughput: 290.37 Mbit/s

95th percentile per-packet one-way delay: 2.491 ms

Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-11-30 11:24:57

End at: 2017-11-30 11:25:27

Local clock offset: 1.217 ms

Remote clock offset: 0.555 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 741.10 Mbit/s

95th percentile per-packet one-way delay: 2.351 ms

Loss rate: 0.01%

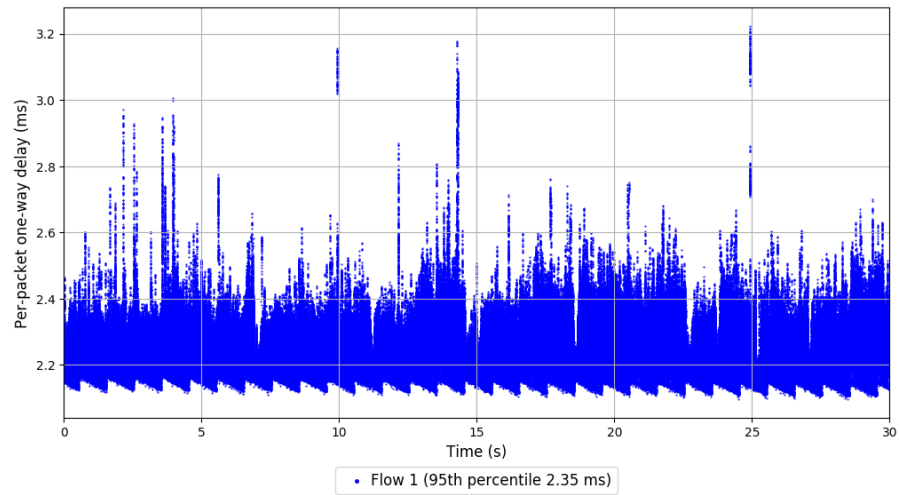
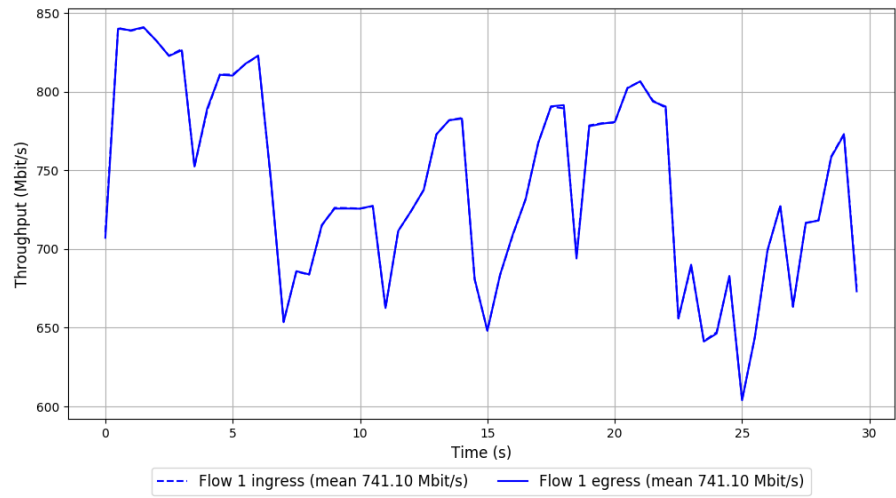
-- Flow 1:

Average throughput: 741.10 Mbit/s

95th percentile per-packet one-way delay: 2.351 ms

Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-11-30 11:43:10

End at: 2017-11-30 11:43:40

Local clock offset: 1.142 ms

Remote clock offset: 0.099 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 358.03 Mbit/s

95th percentile per-packet one-way delay: 2.497 ms

Loss rate: 0.02%

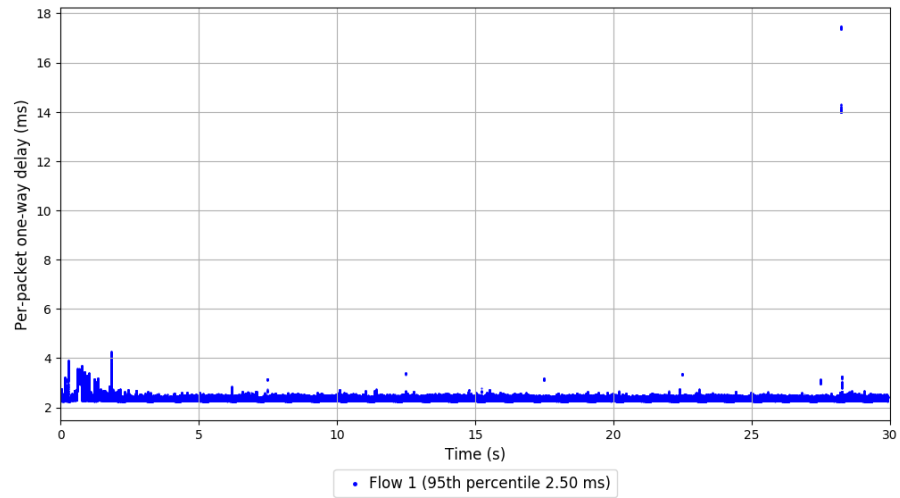
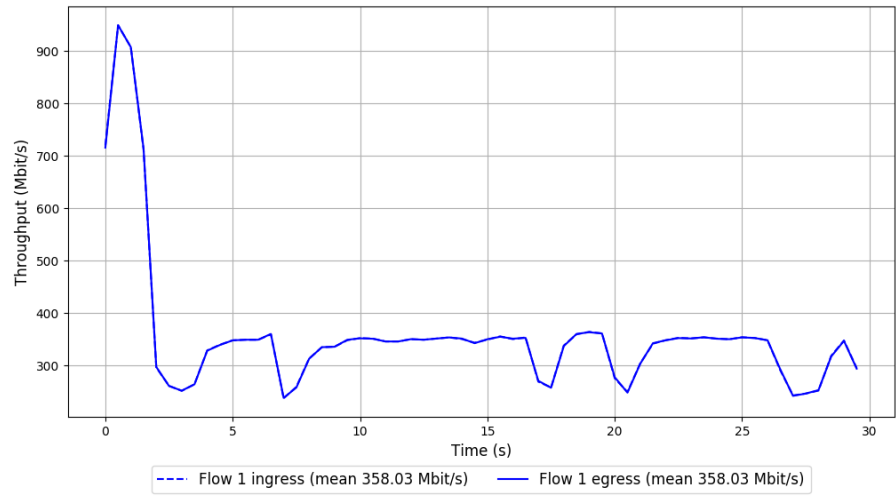
-- Flow 1:

Average throughput: 358.03 Mbit/s

95th percentile per-packet one-way delay: 2.497 ms

Loss rate: 0.02%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2017-11-30 08:59:02

End at: 2017-11-30 08:59:32

Local clock offset: 3.489 ms

Remote clock offset: 0.077 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 374.55 Mbit/s

95th percentile per-packet one-way delay: 4.369 ms

Loss rate: 0.01%

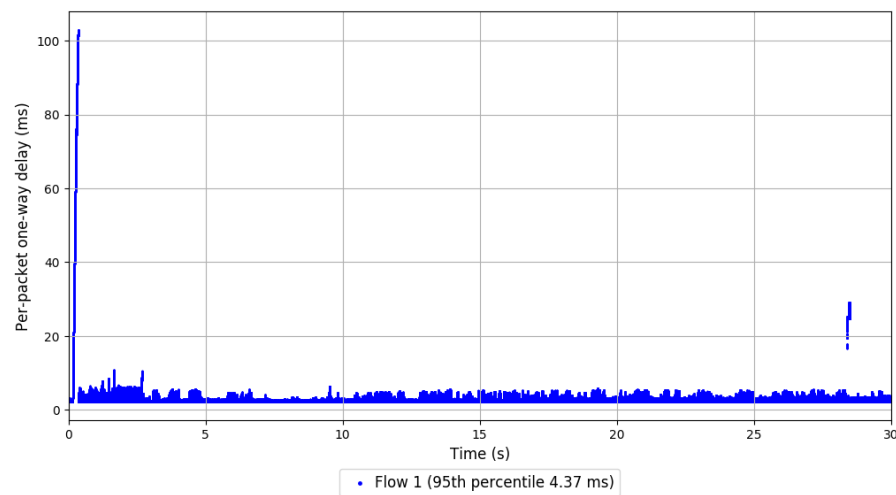
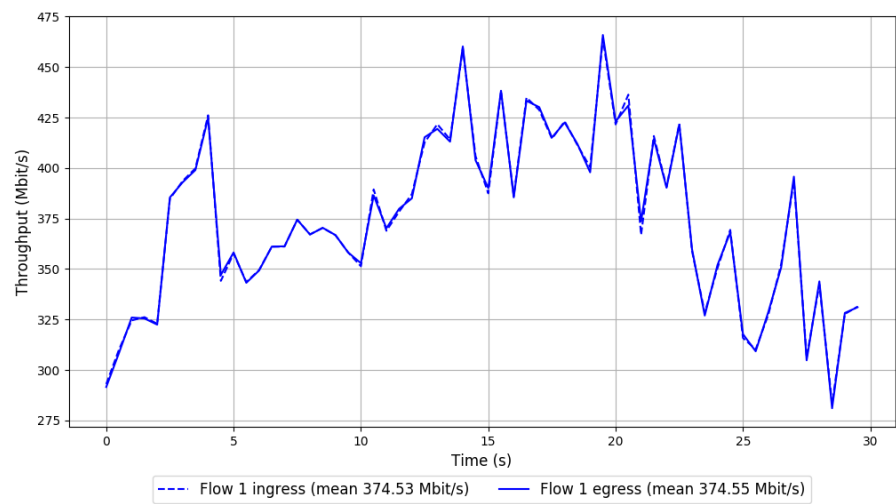
-- Flow 1:

Average throughput: 374.55 Mbit/s

95th percentile per-packet one-way delay: 4.369 ms

Loss rate: 0.01%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-11-30 09:17:21

End at: 2017-11-30 09:17:51

Local clock offset: 3.822 ms

Remote clock offset: 0.384 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 325.16 Mbit/s

95th percentile per-packet one-way delay: 4.425 ms

Loss rate: 0.07%

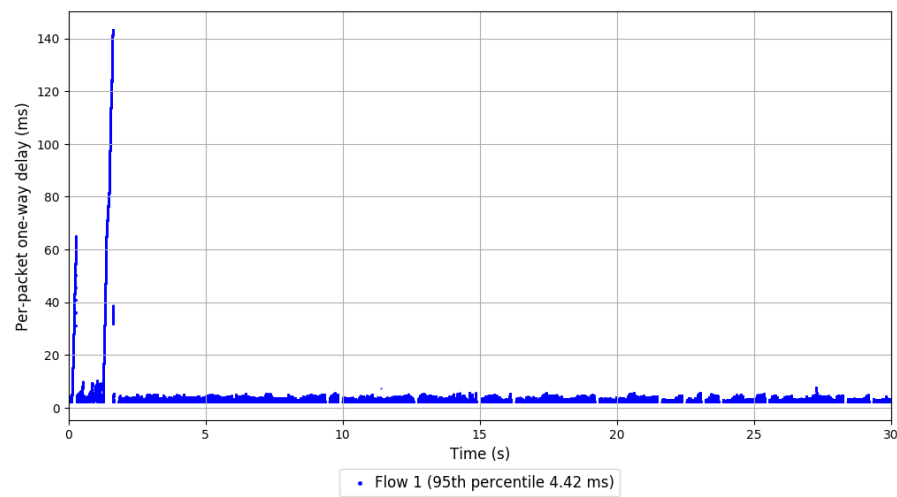
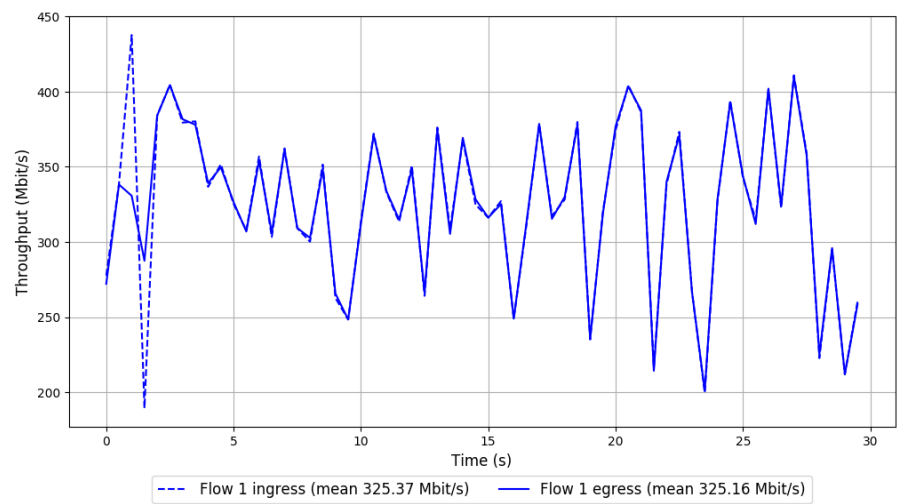
-- Flow 1:

Average throughput: 325.16 Mbit/s

95th percentile per-packet one-way delay: 4.425 ms

Loss rate: 0.07%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-11-30 09:35:26

End at: 2017-11-30 09:35:56

Local clock offset: 3.791 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 320.57 Mbit/s

95th percentile per-packet one-way delay: 4.357 ms

Loss rate: 0.02%

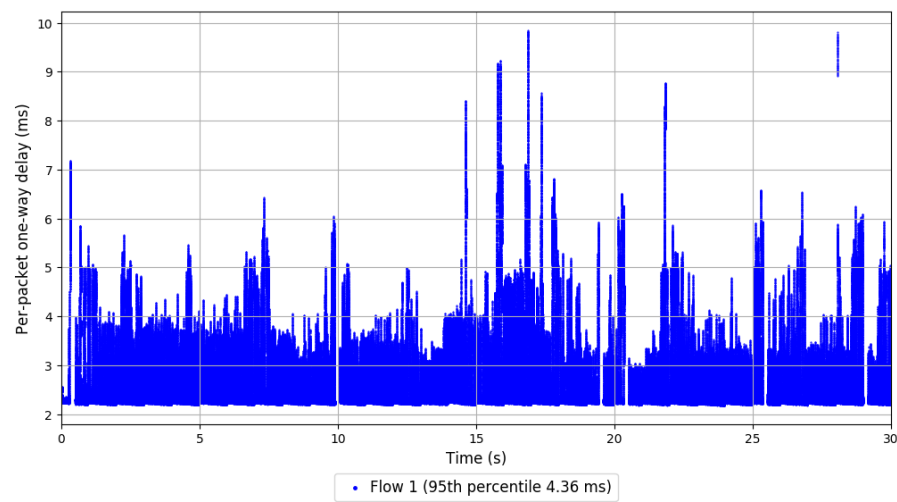
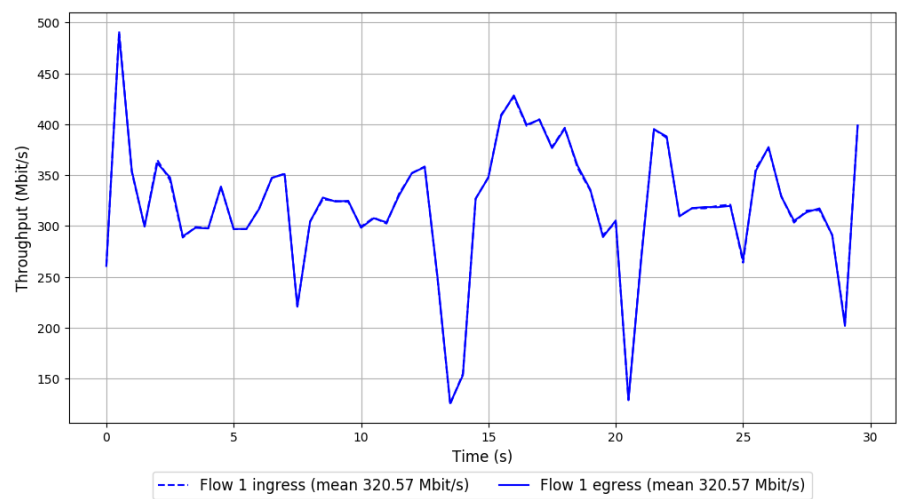
-- Flow 1:

Average throughput: 320.57 Mbit/s

95th percentile per-packet one-way delay: 4.357 ms

Loss rate: 0.02%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-11-30 09:53:46

End at: 2017-11-30 09:54:16

Local clock offset: 4.33 ms

Remote clock offset: 0.608 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 345.76 Mbit/s

95th percentile per-packet one-way delay: 4.296 ms

Loss rate: 0.01%

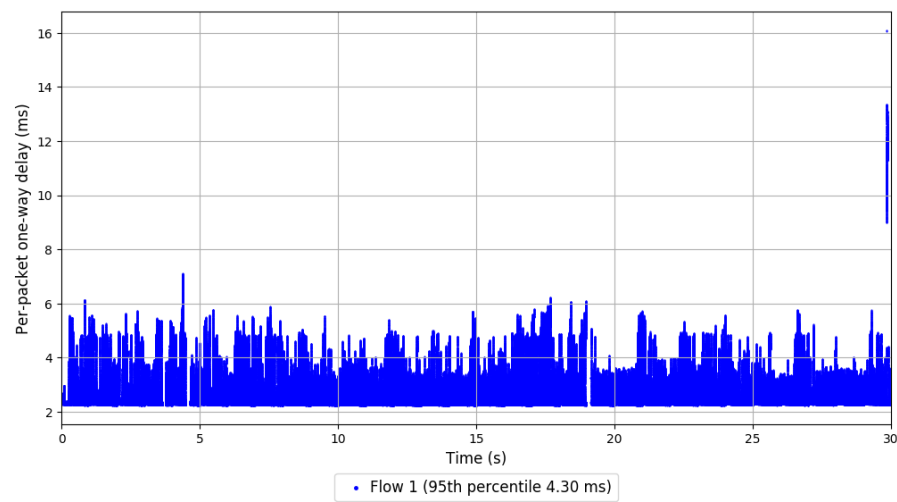
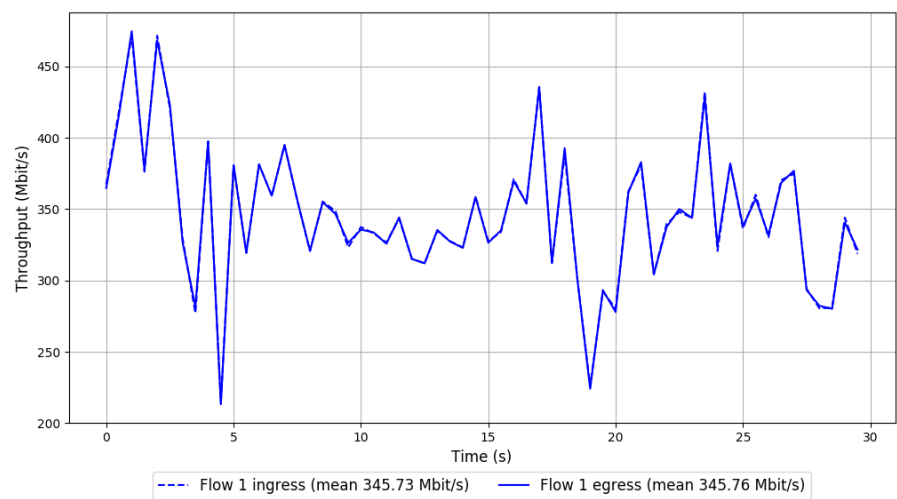
-- Flow 1:

Average throughput: 345.76 Mbit/s

95th percentile per-packet one-way delay: 4.296 ms

Loss rate: 0.01%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-11-30 10:11:52

End at: 2017-11-30 10:12:22

Local clock offset: 3.379 ms

Remote clock offset: 0.708 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 287.89 Mbit/s

95th percentile per-packet one-way delay: 5.233 ms

Loss rate: 0.02%

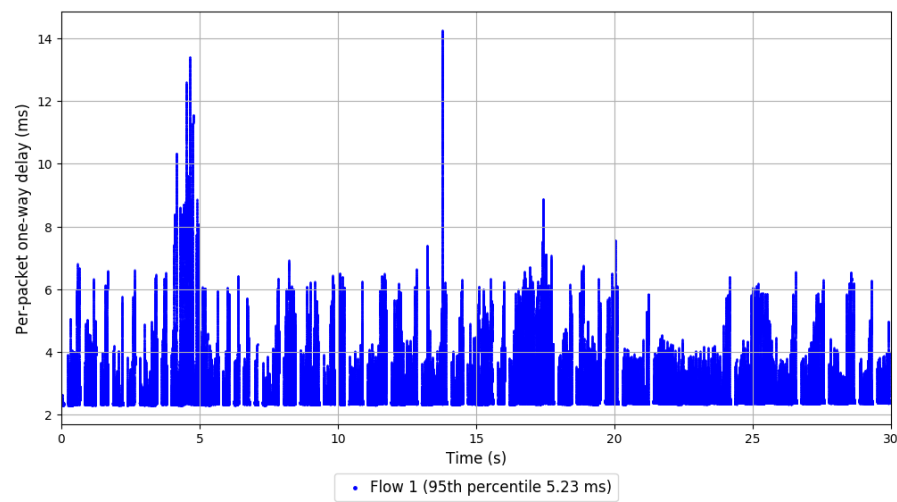
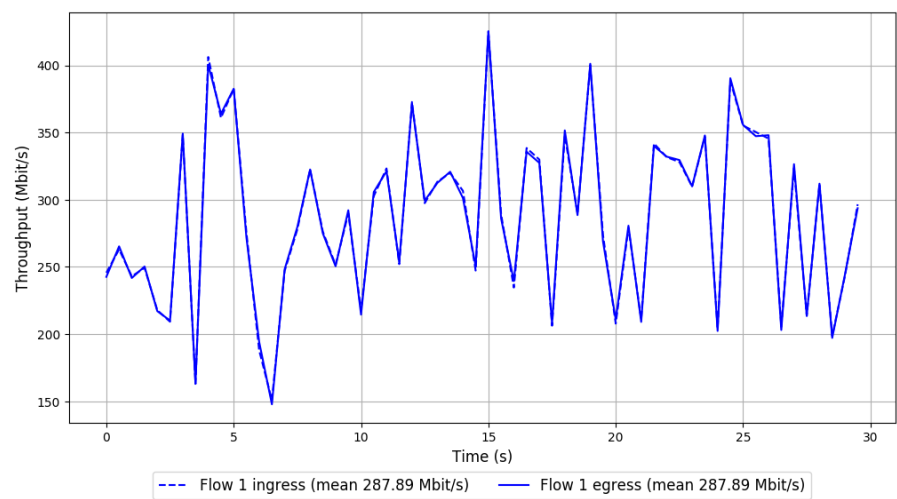
-- Flow 1:

Average throughput: 287.89 Mbit/s

95th percentile per-packet one-way delay: 5.233 ms

Loss rate: 0.02%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-11-30 10:29:55

End at: 2017-11-30 10:30:25

Local clock offset: 2.604 ms

Remote clock offset: 0.742 ms

Below is generated by plot.py at 2017-11-30 16:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 308.23 Mbit/s

95th percentile per-packet one-way delay: 4.400 ms

Loss rate: 0.00%

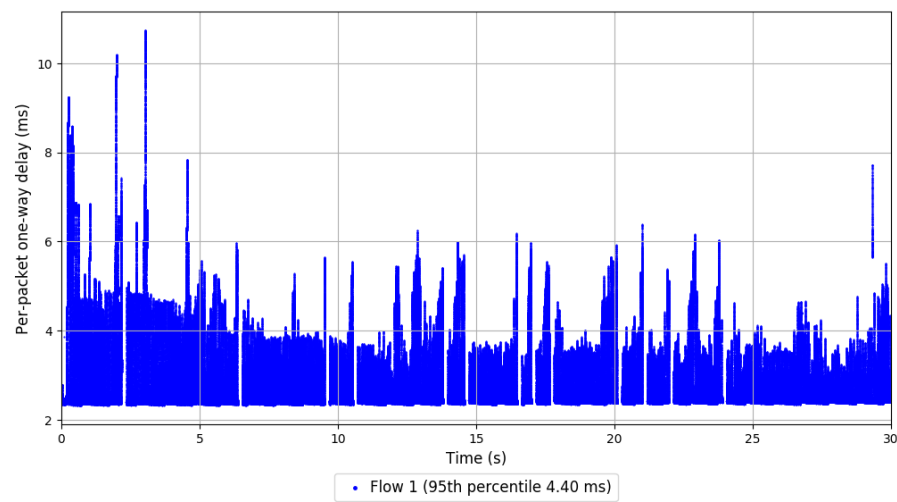
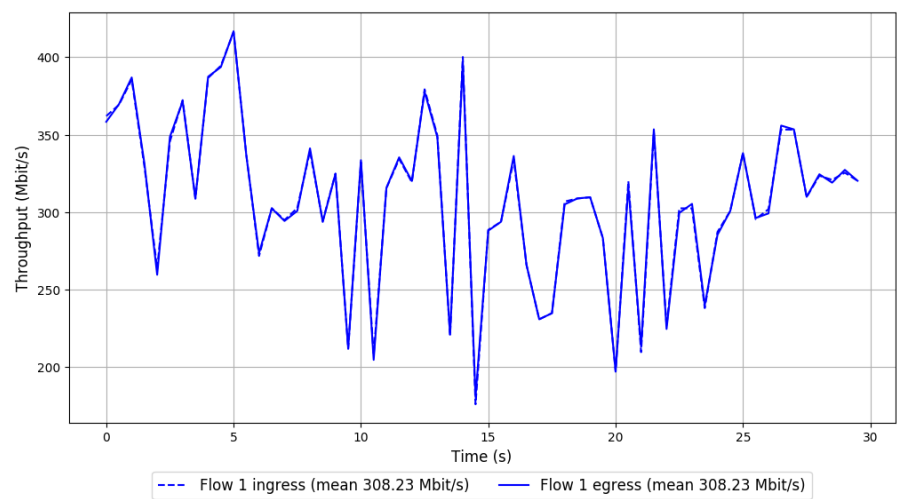
-- Flow 1:

Average throughput: 308.23 Mbit/s

95th percentile per-packet one-way delay: 4.400 ms

Loss rate: 0.00%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-11-30 10:48:02

End at: 2017-11-30 10:48:32

Local clock offset: 1.449 ms

Remote clock offset: 0.816 ms

Below is generated by plot.py at 2017-11-30 16:15:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 345.32 Mbit/s

95th percentile per-packet one-way delay: 4.579 ms

Loss rate: 0.01%

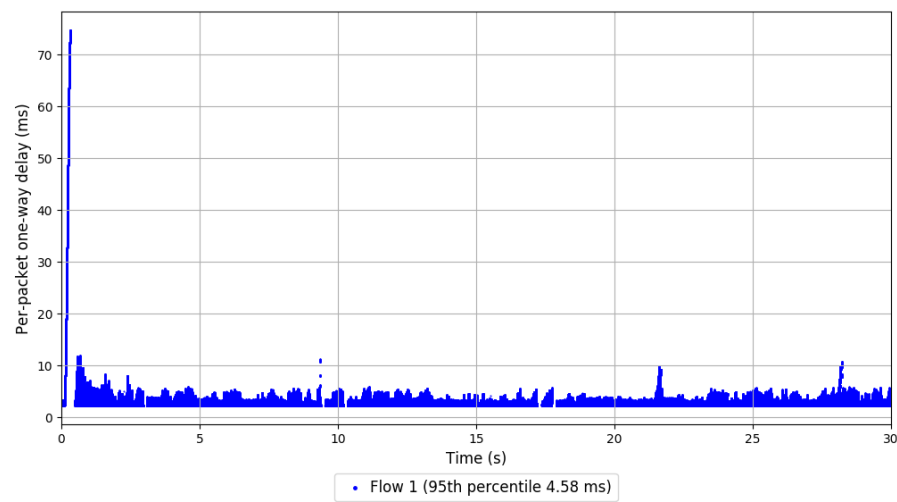
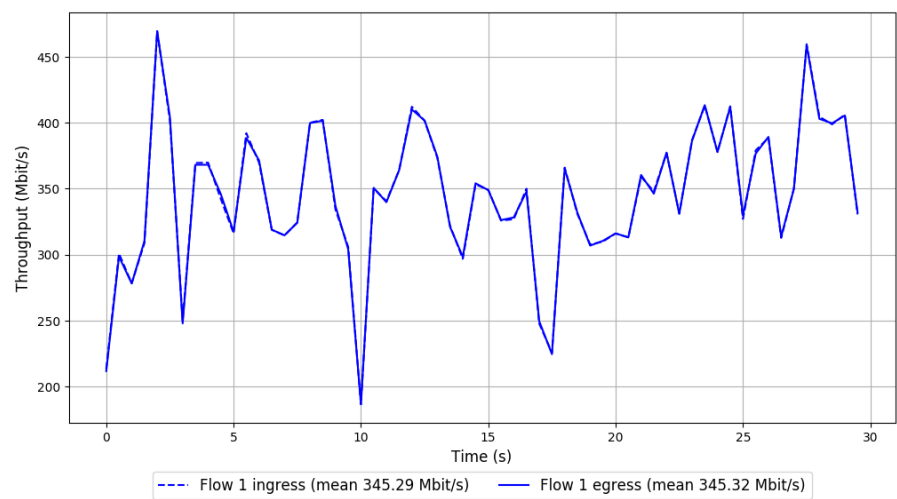
-- Flow 1:

Average throughput: 345.32 Mbit/s

95th percentile per-packet one-way delay: 4.579 ms

Loss rate: 0.01%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-11-30 11:05:45

End at: 2017-11-30 11:06:15

Local clock offset: 1.27 ms

Remote clock offset: 0.861 ms

Below is generated by plot.py at 2017-11-30 16:17:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 334.98 Mbit/s

95th percentile per-packet one-way delay: 4.716 ms

Loss rate: 0.02%

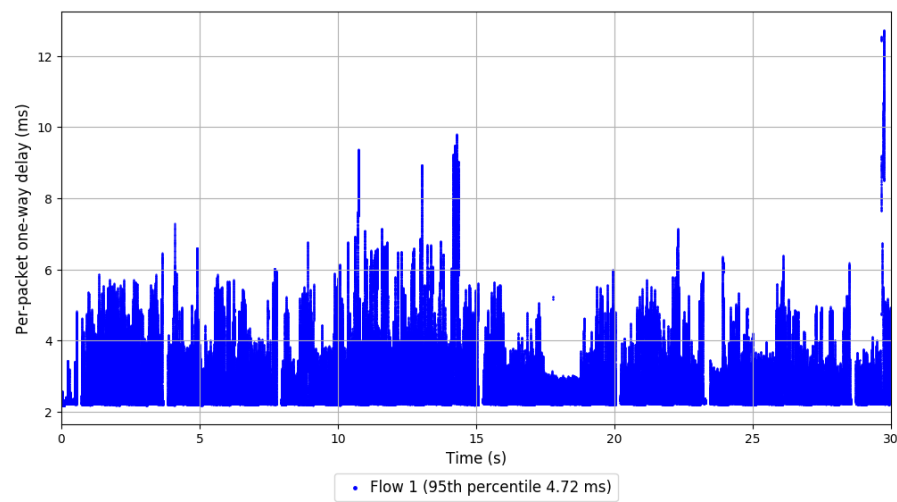
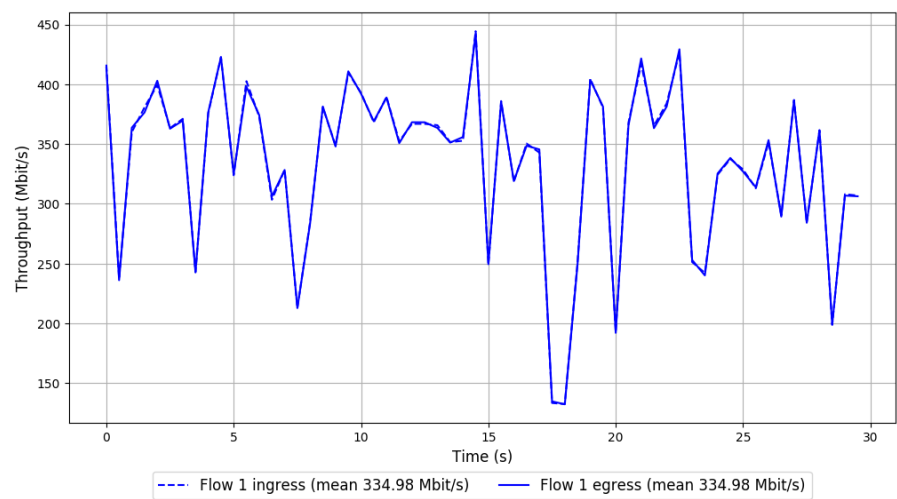
-- Flow 1:

Average throughput: 334.98 Mbit/s

95th percentile per-packet one-way delay: 4.716 ms

Loss rate: 0.02%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-11-30 11:23:37

End at: 2017-11-30 11:24:07

Local clock offset: 1.168 ms

Remote clock offset: 0.578 ms

Below is generated by plot.py at 2017-11-30 16:17:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 312.26 Mbit/s

95th percentile per-packet one-way delay: 4.088 ms

Loss rate: 0.02%

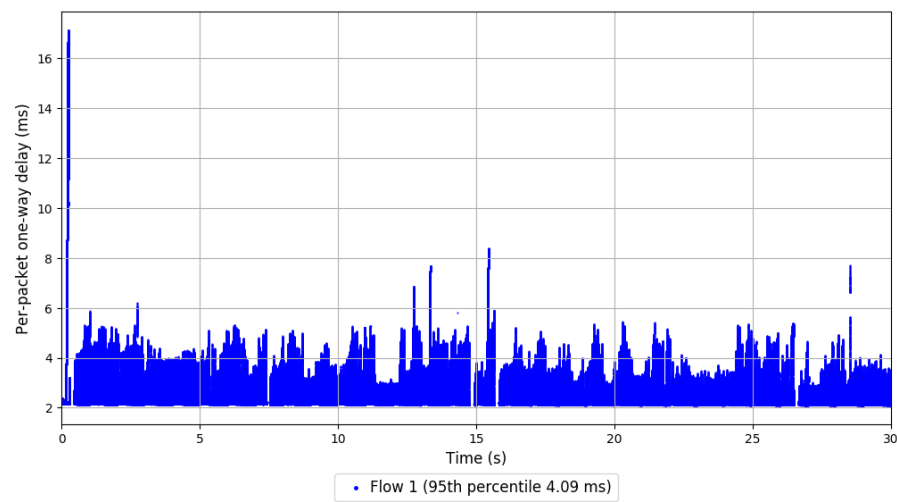
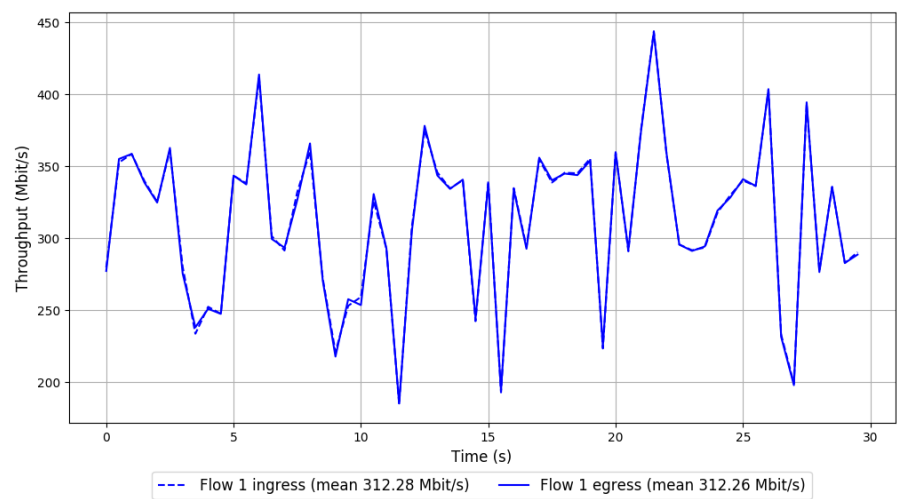
-- Flow 1:

Average throughput: 312.26 Mbit/s

95th percentile per-packet one-way delay: 4.088 ms

Loss rate: 0.02%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-11-30 11:41:49

End at: 2017-11-30 11:42:19

Local clock offset: 1.187 ms

Remote clock offset: 0.255 ms

Below is generated by plot.py at 2017-11-30 16:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 322.97 Mbit/s

95th percentile per-packet one-way delay: 5.528 ms

Loss rate: 0.03%

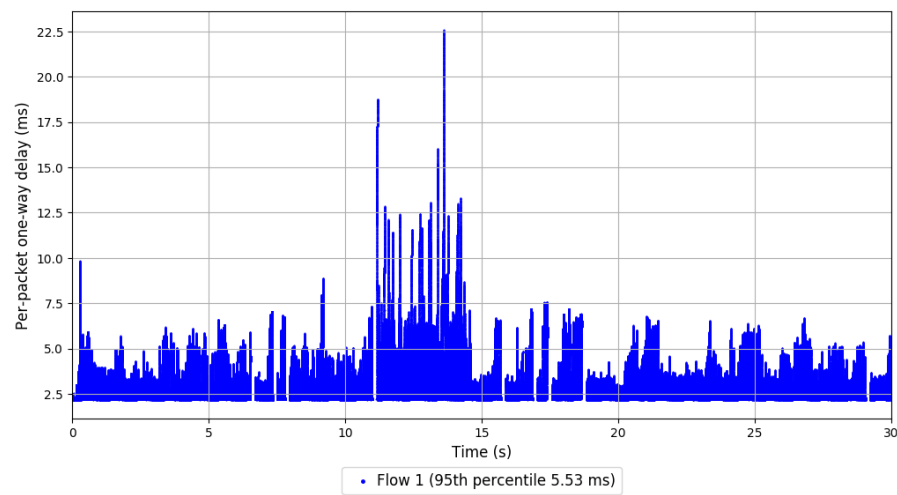
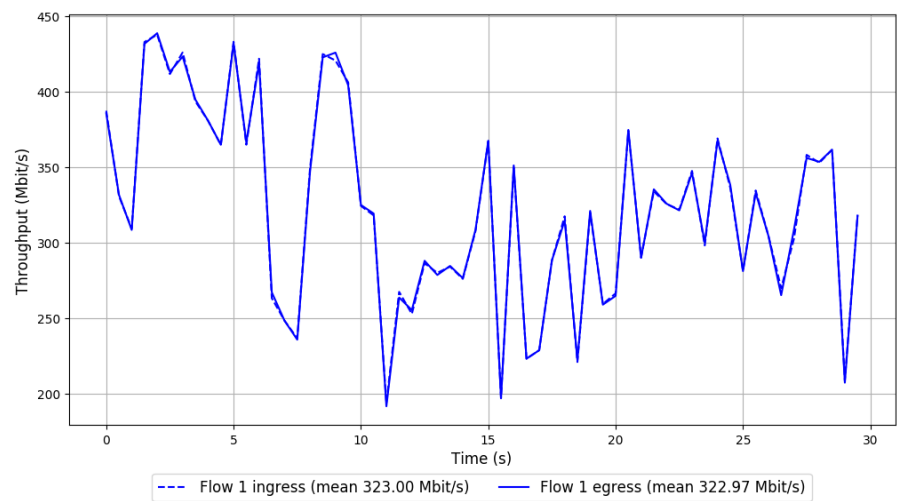
-- Flow 1:

Average throughput: 322.97 Mbit/s

95th percentile per-packet one-way delay: 5.528 ms

Loss rate: 0.03%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-11-30 08:51:20

End at: 2017-11-30 08:51:50

Local clock offset: 3.372 ms

Remote clock offset: 0.074 ms

Below is generated by plot.py at 2017-11-30 16:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 2.267 ms

Loss rate: 0.02%

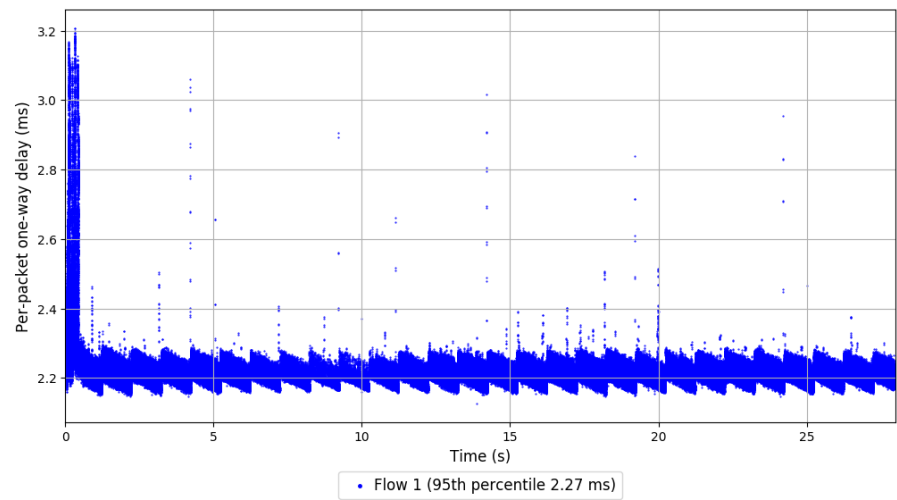
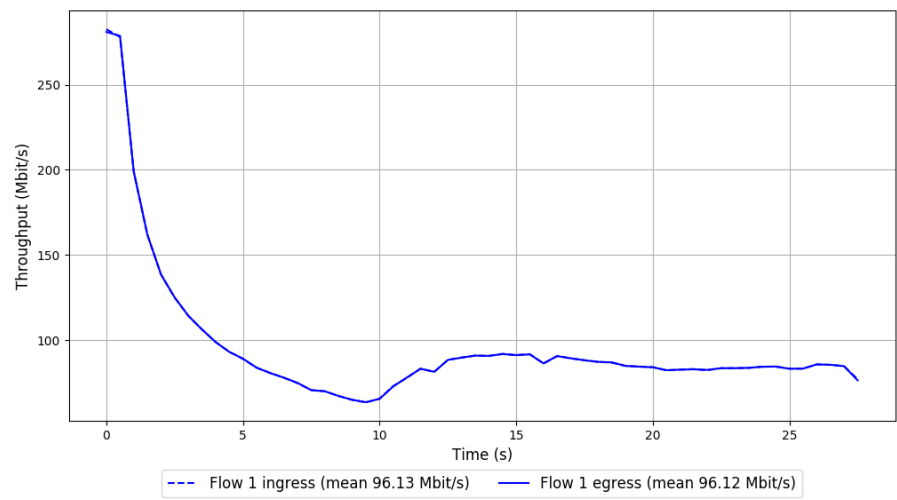
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 2.267 ms

Loss rate: 0.02%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-11-30 09:09:38

End at: 2017-11-30 09:10:08

Local clock offset: 3.91 ms

Remote clock offset: 0.225 ms

Below is generated by plot.py at 2017-11-30 16:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.84 Mbit/s

95th percentile per-packet one-way delay: 2.357 ms

Loss rate: 0.01%

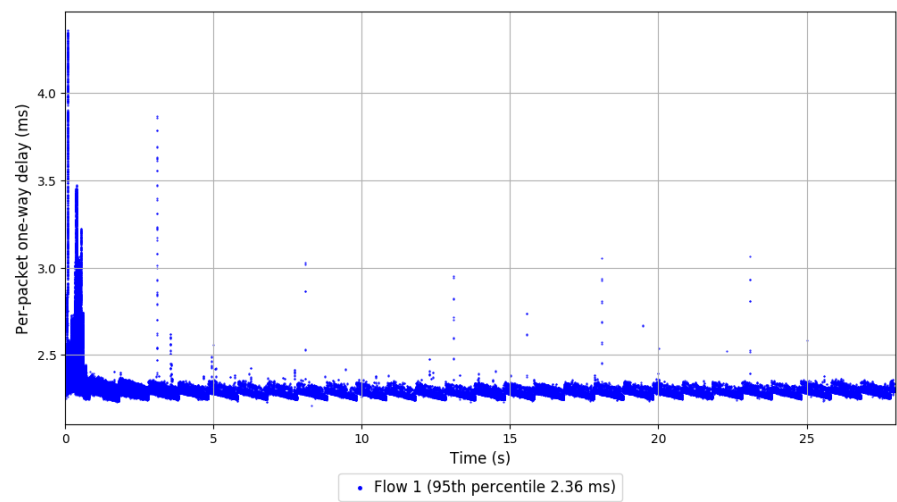
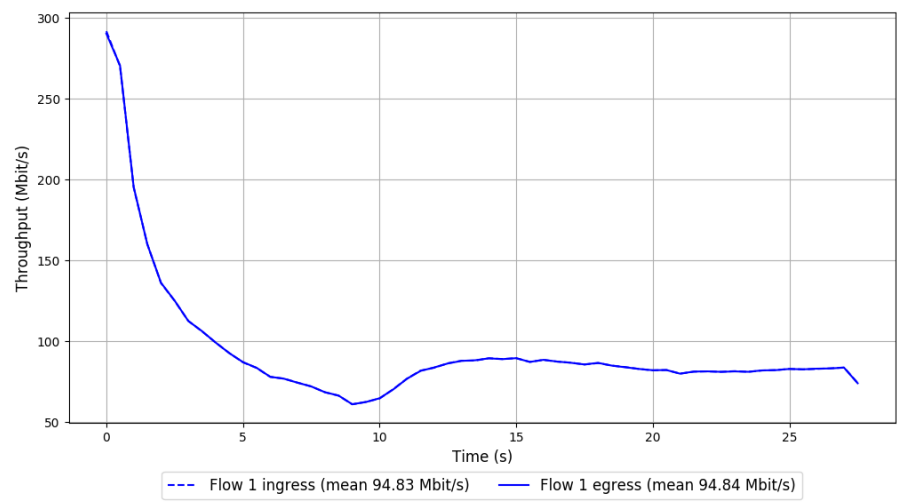
-- Flow 1:

Average throughput: 94.84 Mbit/s

95th percentile per-packet one-way delay: 2.357 ms

Loss rate: 0.01%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2017-11-30 09:27:45

End at: 2017-11-30 09:28:15

Local clock offset: 3.785 ms

Remote clock offset: 0.508 ms

Below is generated by plot.py at 2017-11-30 16:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 2.288 ms

Loss rate: 0.02%

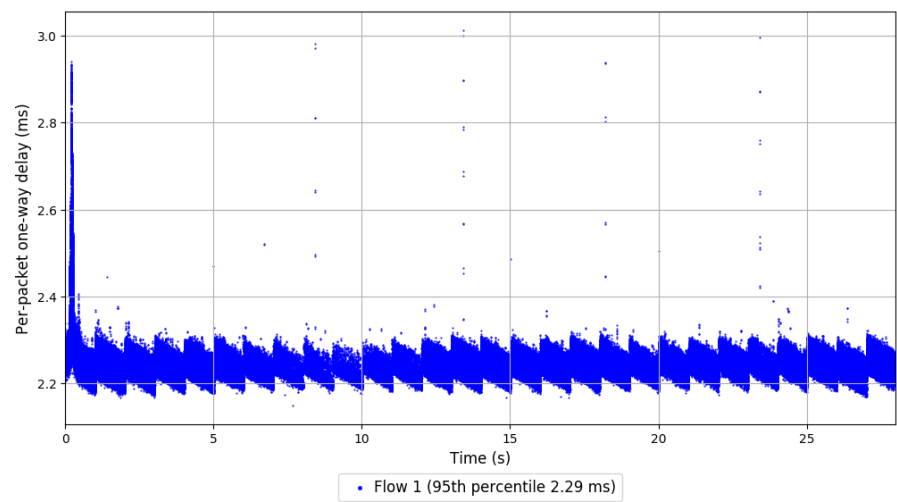
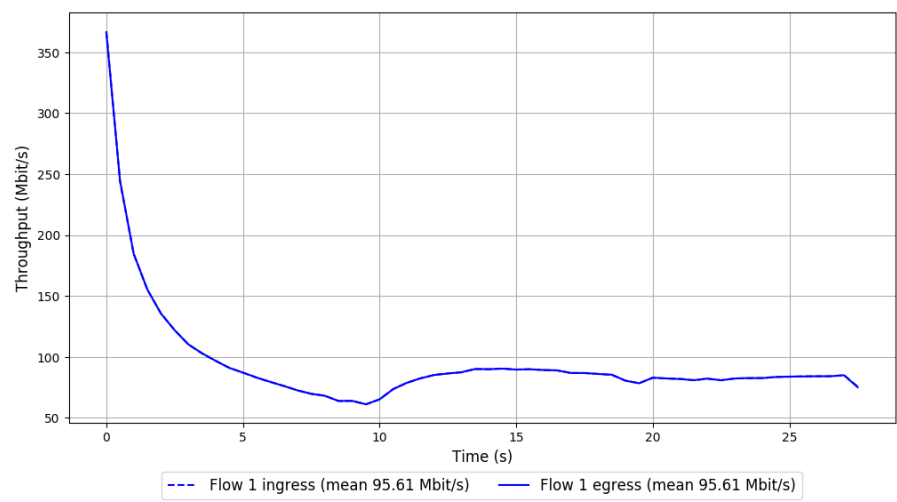
-- Flow 1:

Average throughput: 95.61 Mbit/s

95th percentile per-packet one-way delay: 2.288 ms

Loss rate: 0.02%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-11-30 09:46:02

End at: 2017-11-30 09:46:32

Local clock offset: 4.046 ms

Remote clock offset: 0.615 ms

Below is generated by plot.py at 2017-11-30 16:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.69 Mbit/s

95th percentile per-packet one-way delay: 2.286 ms

Loss rate: 0.01%

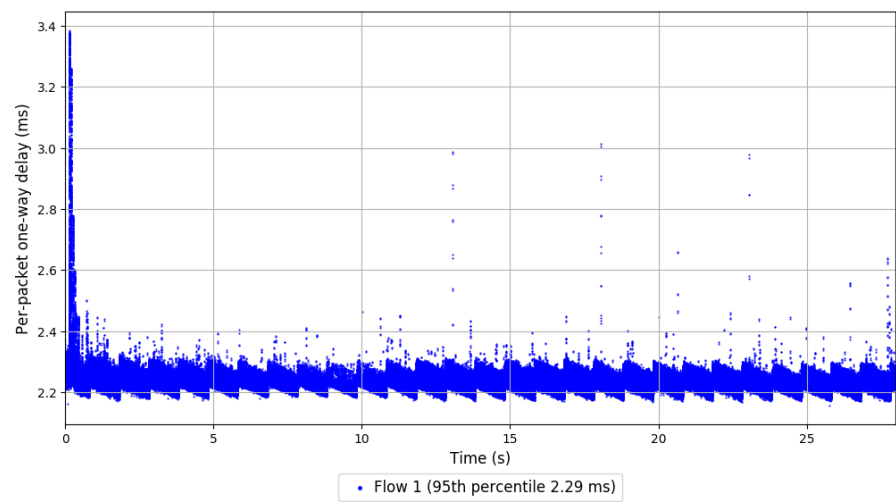
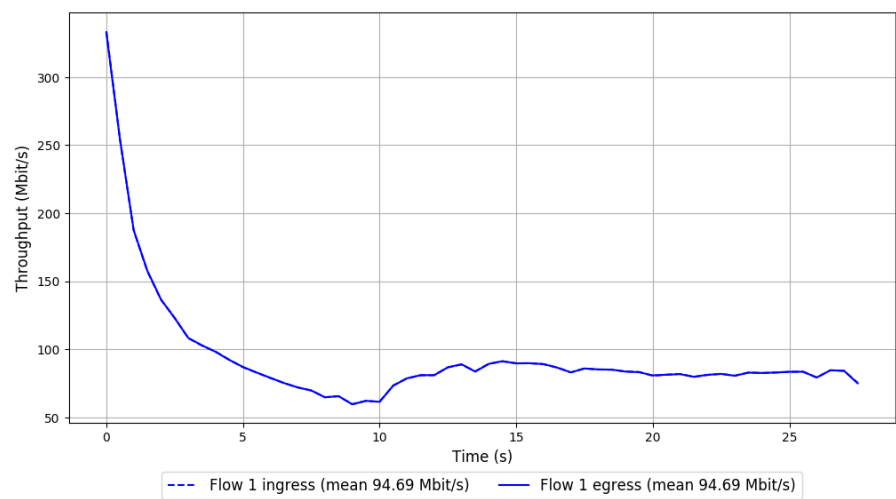
-- Flow 1:

Average throughput: 94.69 Mbit/s

95th percentile per-packet one-way delay: 2.286 ms

Loss rate: 0.01%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-11-30 10:04:11

End at: 2017-11-30 10:04:41

Local clock offset: 4.031 ms

Remote clock offset: 0.753 ms

Below is generated by plot.py at 2017-11-30 16:18:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 2.302 ms

Loss rate: 0.01%

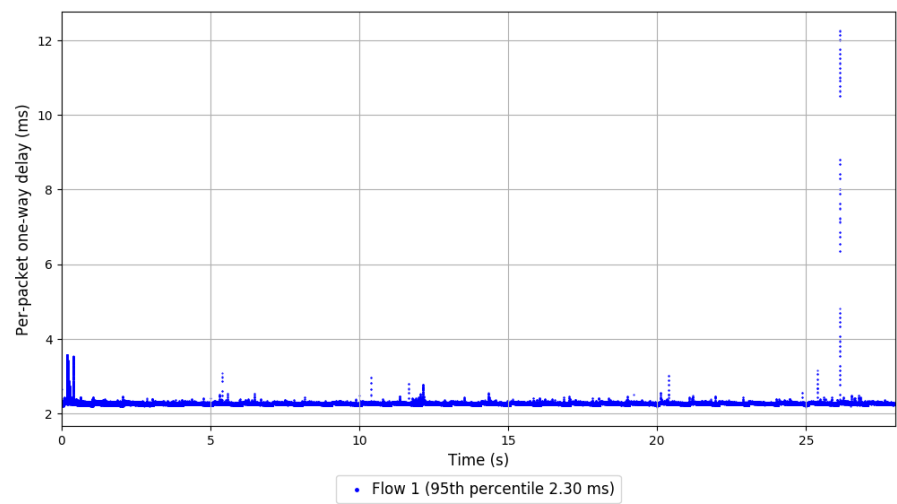
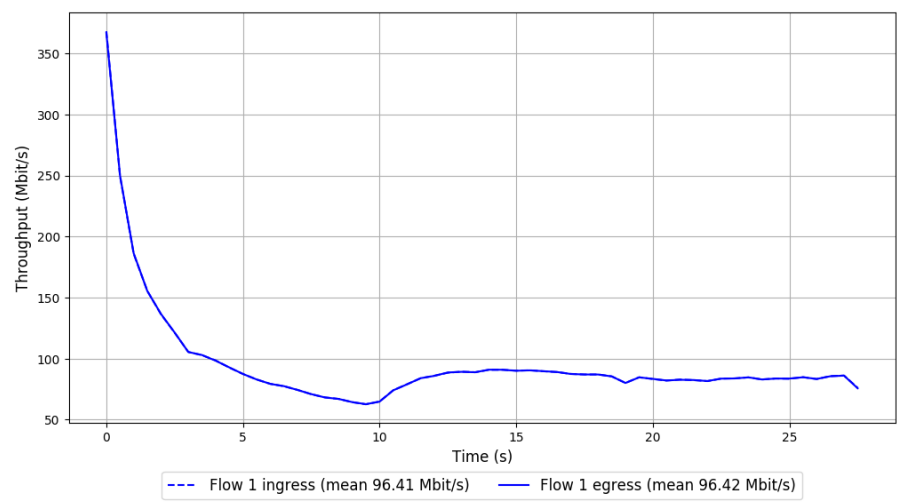
-- Flow 1:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 2.302 ms

Loss rate: 0.01%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-11-30 10:22:13

End at: 2017-11-30 10:22:43

Local clock offset: 2.747 ms

Remote clock offset: 0.751 ms

Below is generated by plot.py at 2017-11-30 16:18:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.43 Mbit/s

95th percentile per-packet one-way delay: 2.366 ms

Loss rate: 0.01%

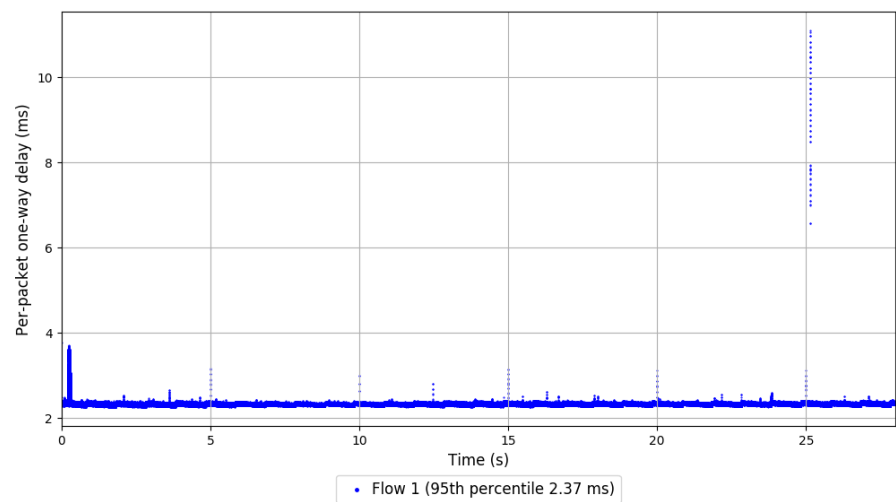
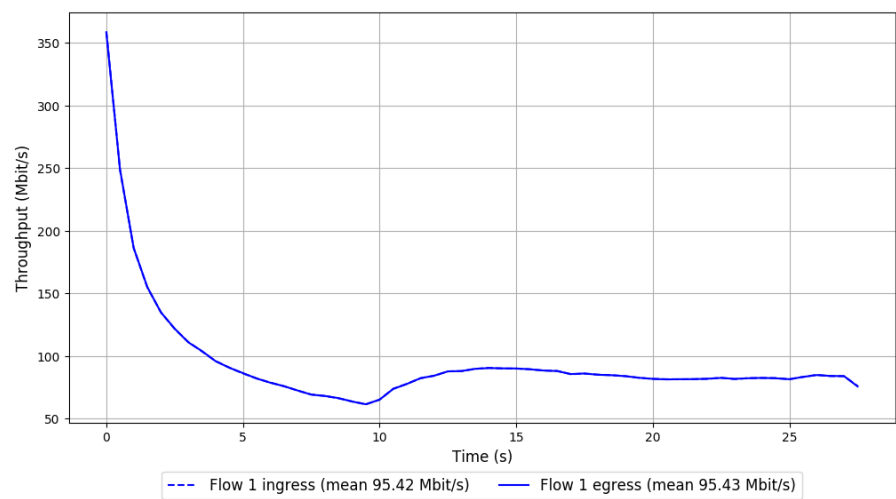
-- Flow 1:

Average throughput: 95.43 Mbit/s

95th percentile per-packet one-way delay: 2.366 ms

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-11-30 10:40:19

End at: 2017-11-30 10:40:49

Local clock offset: 1.892 ms

Remote clock offset: 0.856 ms

Below is generated by plot.py at 2017-11-30 16:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 2.309 ms

Loss rate: 0.02%

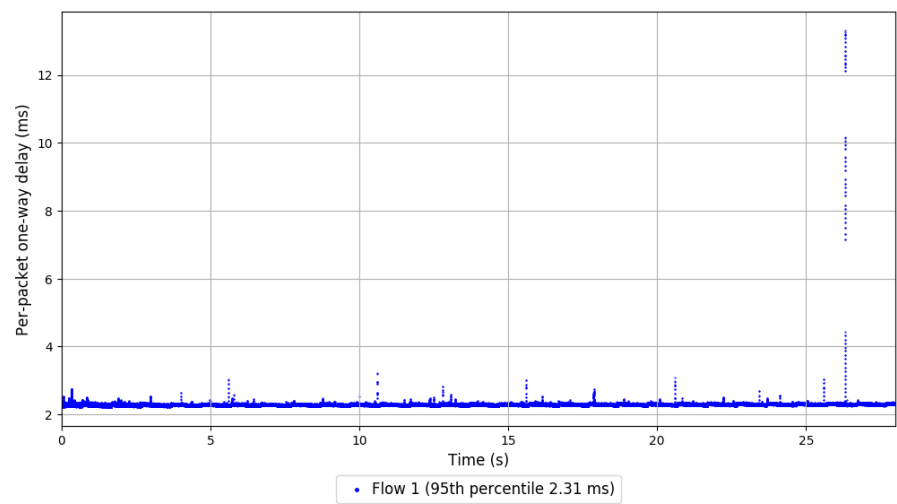
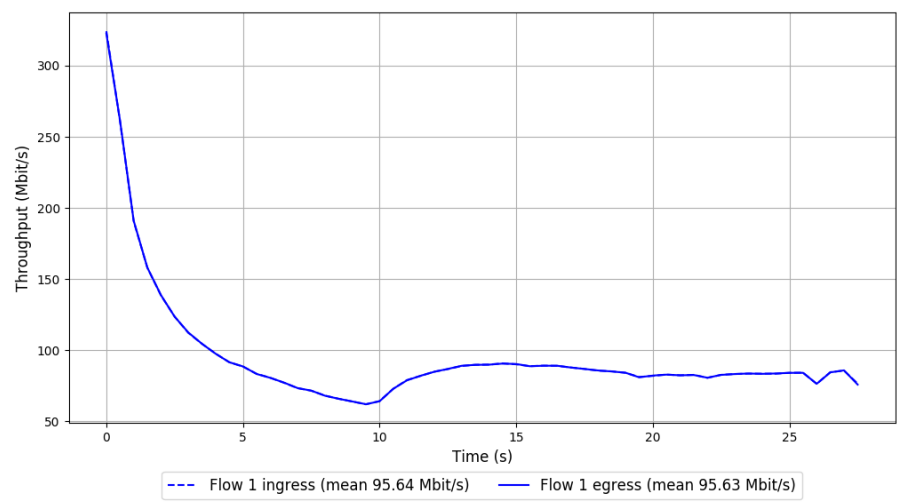
-- Flow 1:

Average throughput: 95.63 Mbit/s

95th percentile per-packet one-way delay: 2.309 ms

Loss rate: 0.02%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-11-30 10:58:22

End at: 2017-11-30 10:58:52

Local clock offset: 1.296 ms

Remote clock offset: 0.947 ms

Below is generated by plot.py at 2017-11-30 16:19:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 2.234 ms

Loss rate: 0.01%

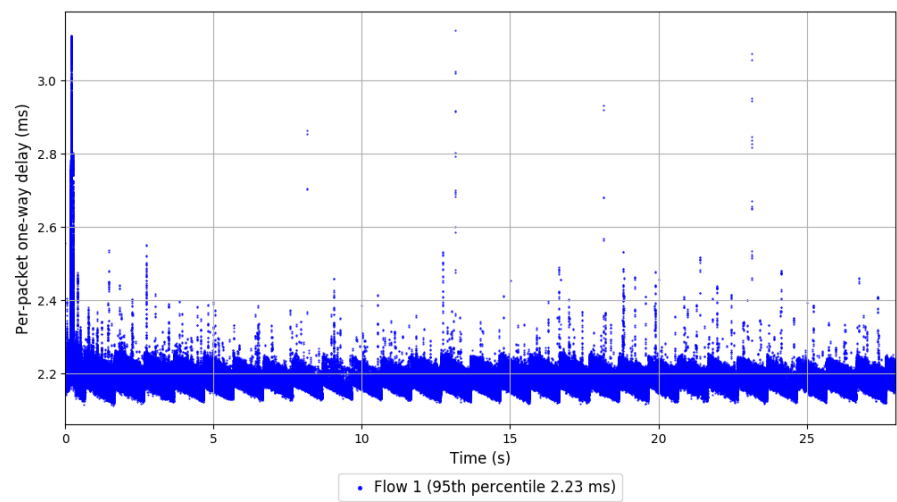
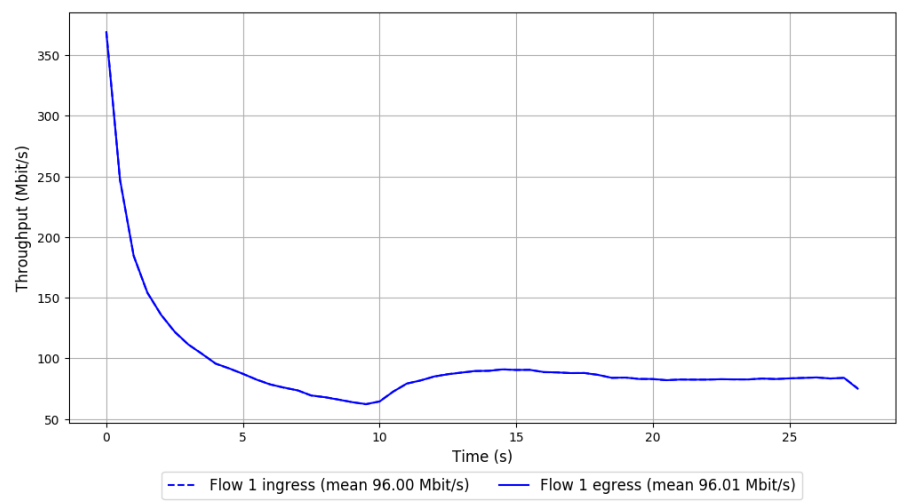
-- Flow 1:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 2.234 ms

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-11-30 11:15:55

End at: 2017-11-30 11:16:25

Local clock offset: 1.155 ms

Remote clock offset: 0.79 ms

Below is generated by plot.py at 2017-11-30 16:19:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 2.310 ms

Loss rate: 0.01%

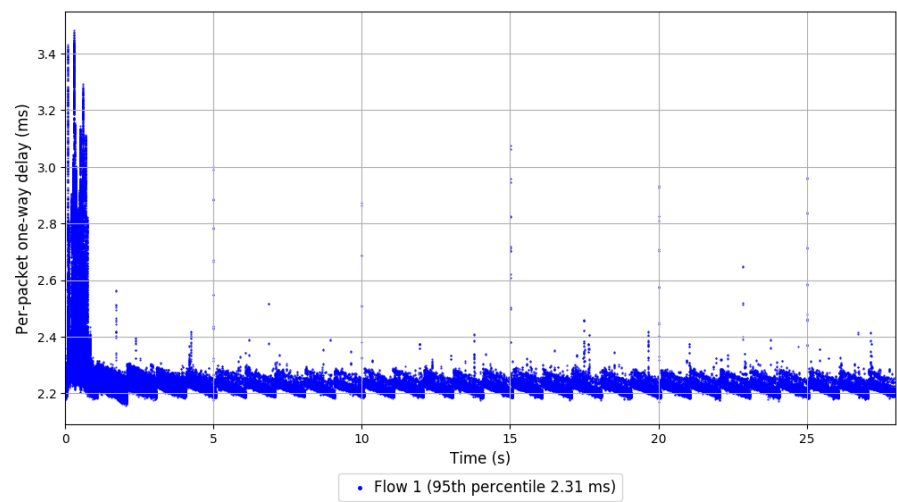
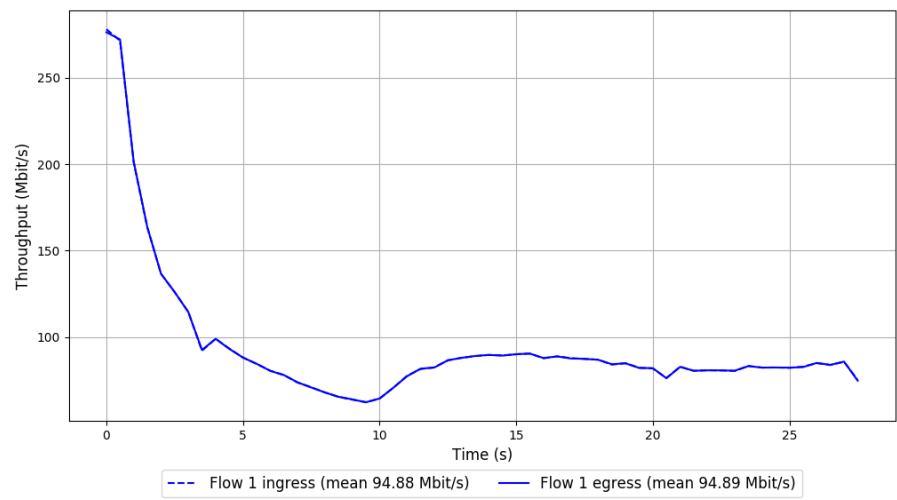
-- Flow 1:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 2.310 ms

Loss rate: 0.01%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-11-30 11:34:08

End at: 2017-11-30 11:34:39

Local clock offset: 1.464 ms

Remote clock offset: 0.391 ms

Below is generated by plot.py at 2017-11-30 16:19:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 2.269 ms

Loss rate: 0.02%

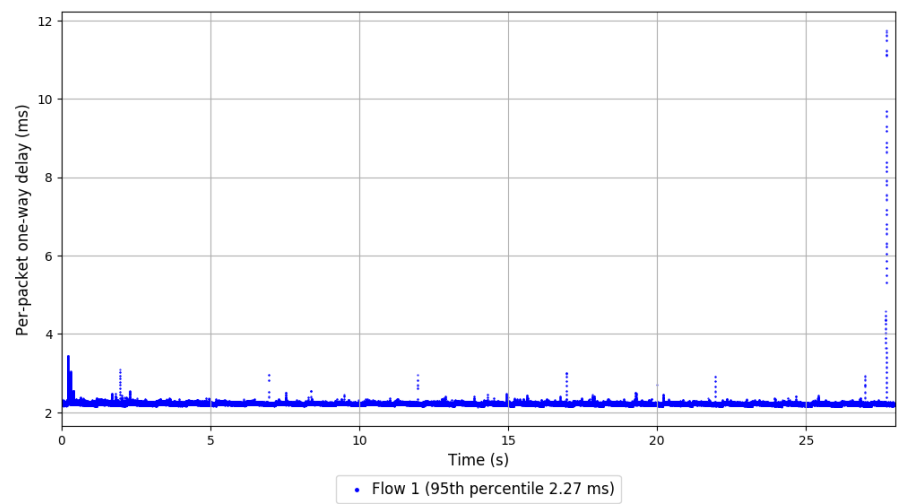
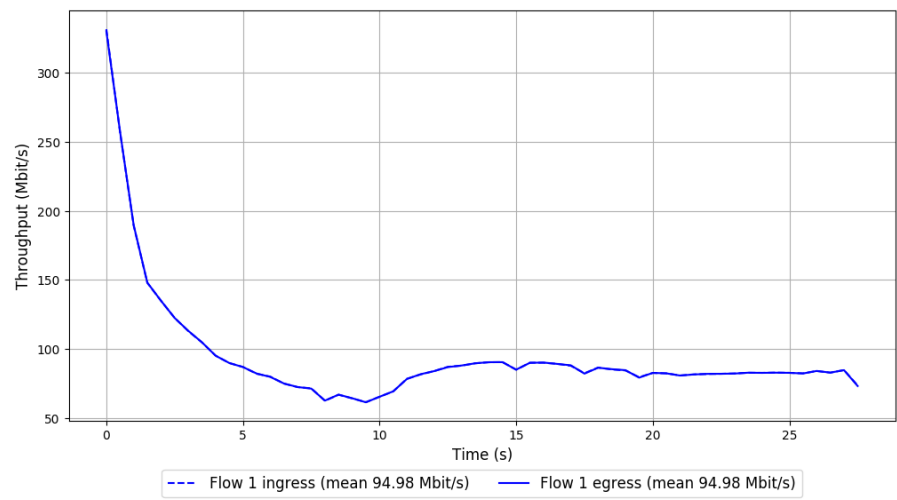
-- Flow 1:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 2.269 ms

Loss rate: 0.02%

Run 10: Report of Copa — Data Link

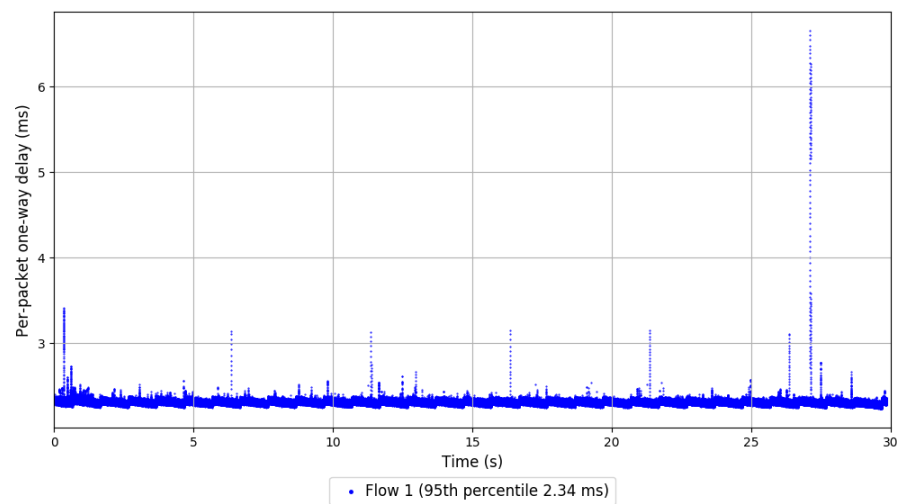
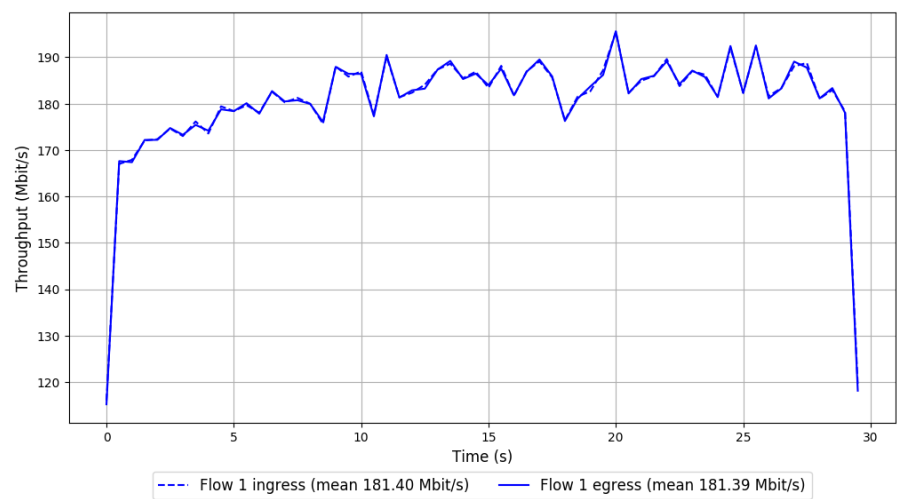


```
Run 1: Statistics of Indigo

Start at: 2017-11-30 08:56:13
End at: 2017-11-30 08:56:43
Local clock offset: 3.468 ms
Remote clock offset: 0.046 ms

# Below is generated by plot.py at 2017-11-30 16:20:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.39 Mbit/s
95th percentile per-packet one-way delay: 2.343 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 181.39 Mbit/s
95th percentile per-packet one-way delay: 2.343 ms
Loss rate: 0.02%
```


Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-11-30 09:14:30

End at: 2017-11-30 09:15:00

Local clock offset: 3.823 ms

Remote clock offset: 0.361 ms

Below is generated by plot.py at 2017-11-30 16:20:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.24 Mbit/s

95th percentile per-packet one-way delay: 2.260 ms

Loss rate: 0.01%

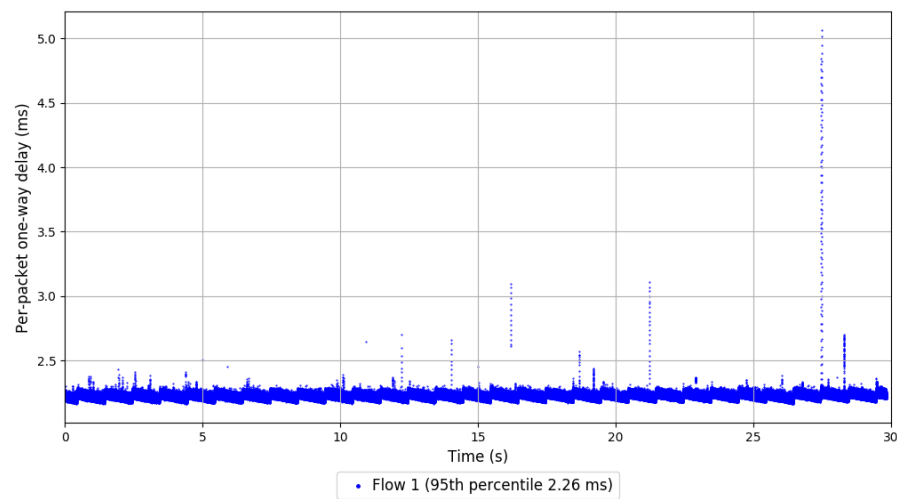
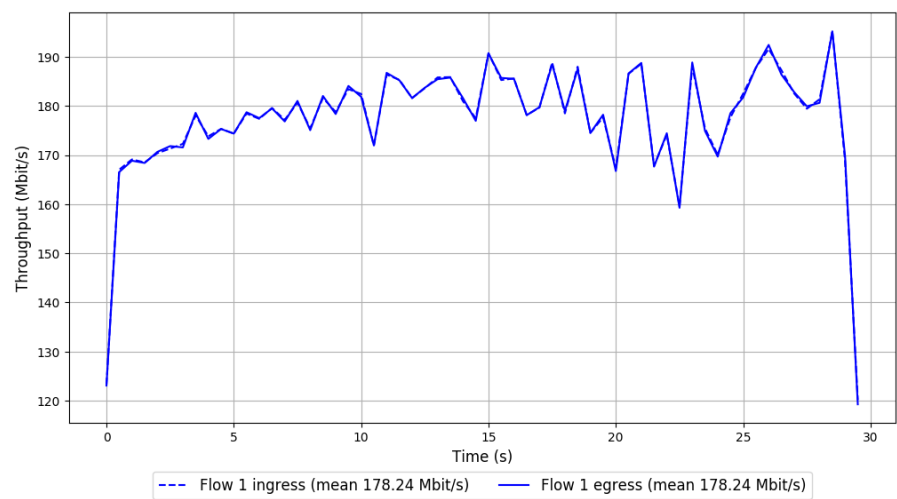
-- Flow 1:

Average throughput: 178.24 Mbit/s

95th percentile per-packet one-way delay: 2.260 ms

Loss rate: 0.01%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-11-30 09:32:38

End at: 2017-11-30 09:33:08

Local clock offset: 3.762 ms

Remote clock offset: 0.554 ms

Below is generated by plot.py at 2017-11-30 16:20:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.70 Mbit/s

95th percentile per-packet one-way delay: 2.246 ms

Loss rate: 0.02%

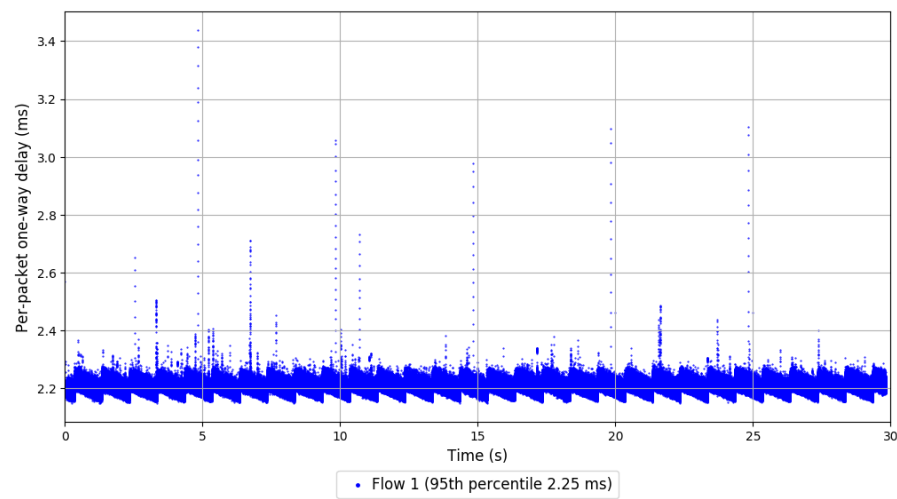
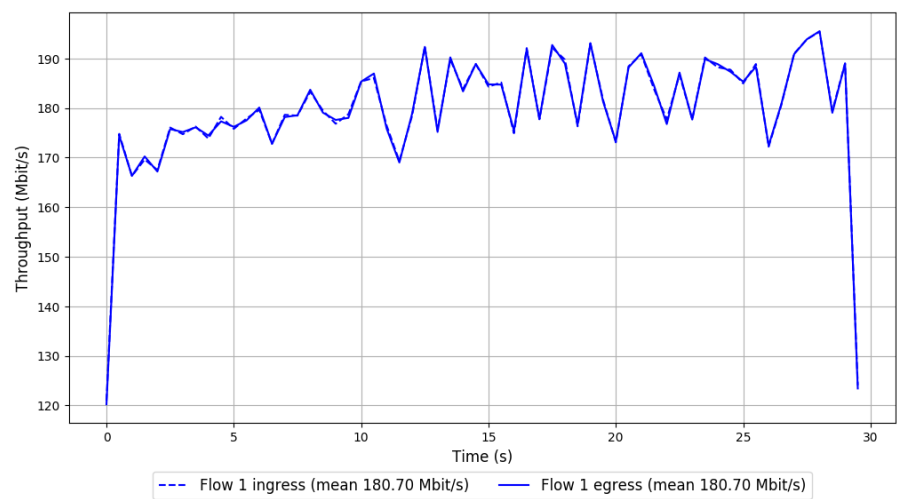
-- Flow 1:

Average throughput: 180.70 Mbit/s

95th percentile per-packet one-way delay: 2.246 ms

Loss rate: 0.02%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-11-30 09:50:56

End at: 2017-11-30 09:51:26

Local clock offset: 4.212 ms

Remote clock offset: 0.653 ms

Below is generated by plot.py at 2017-11-30 16:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.64 Mbit/s

95th percentile per-packet one-way delay: 2.261 ms

Loss rate: 0.01%

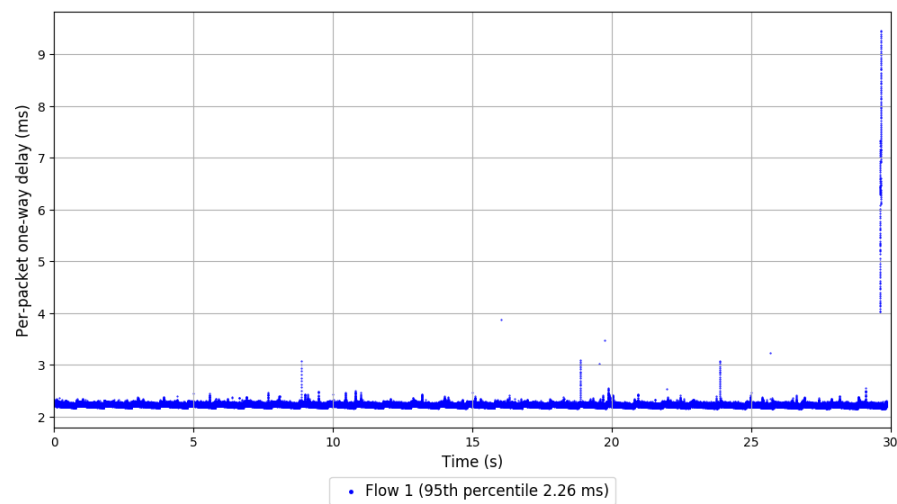
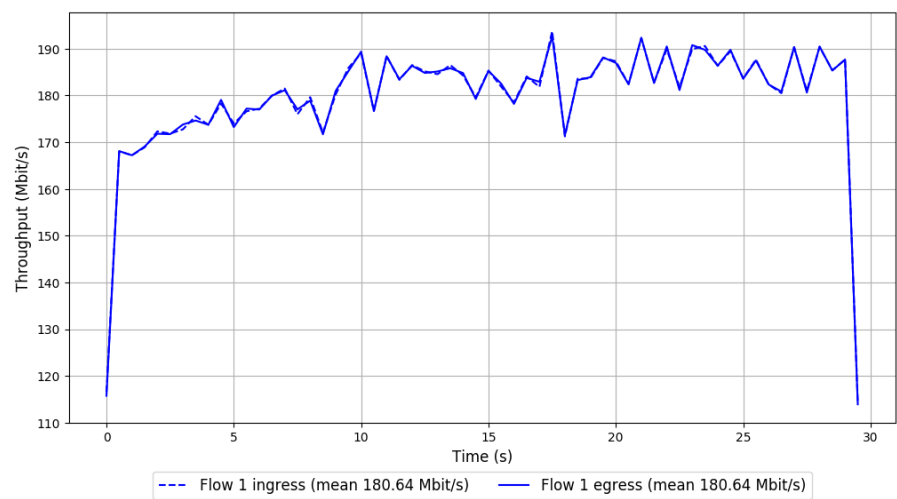
-- Flow 1:

Average throughput: 180.64 Mbit/s

95th percentile per-packet one-way delay: 2.261 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-11-30 10:09:06

End at: 2017-11-30 10:09:36

Local clock offset: 3.724 ms

Remote clock offset: 0.691 ms

Below is generated by plot.py at 2017-11-30 16:21:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 177.83 Mbit/s

95th percentile per-packet one-way delay: 2.445 ms

Loss rate: 0.02%

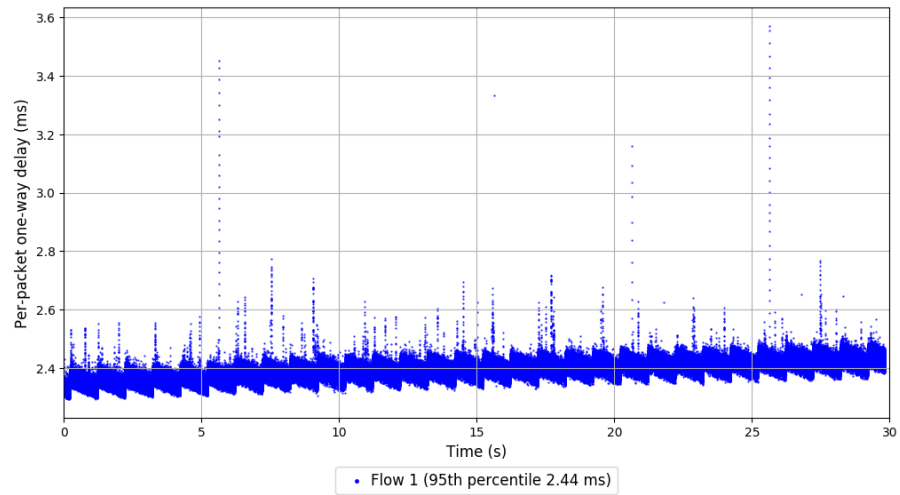
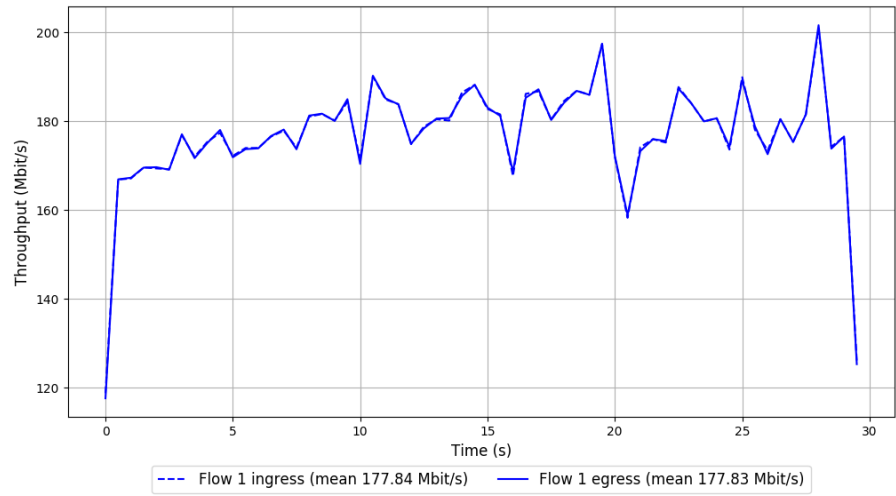
-- Flow 1:

Average throughput: 177.83 Mbit/s

95th percentile per-packet one-way delay: 2.445 ms

Loss rate: 0.02%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-11-30 10:27:06

End at: 2017-11-30 10:27:36

Local clock offset: 2.652 ms

Remote clock offset: 0.801 ms

Below is generated by plot.py at 2017-11-30 16:22:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 182.34 Mbit/s

95th percentile per-packet one-way delay: 2.275 ms

Loss rate: 0.01%

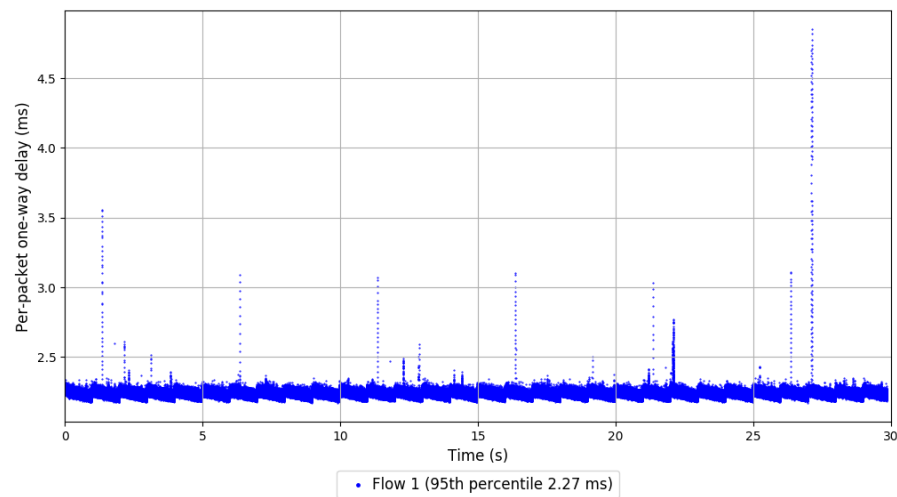
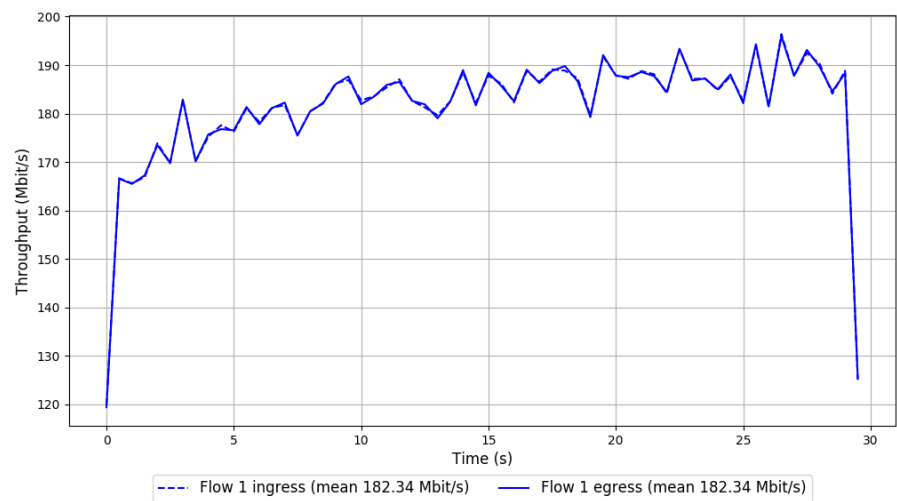
-- Flow 1:

Average throughput: 182.34 Mbit/s

95th percentile per-packet one-way delay: 2.275 ms

Loss rate: 0.01%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-11-30 10:45:12

End at: 2017-11-30 10:45:42

Local clock offset: 1.524 ms

Remote clock offset: 0.866 ms

Below is generated by plot.py at 2017-11-30 16:22:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 183.37 Mbit/s

95th percentile per-packet one-way delay: 2.246 ms

Loss rate: 0.02%

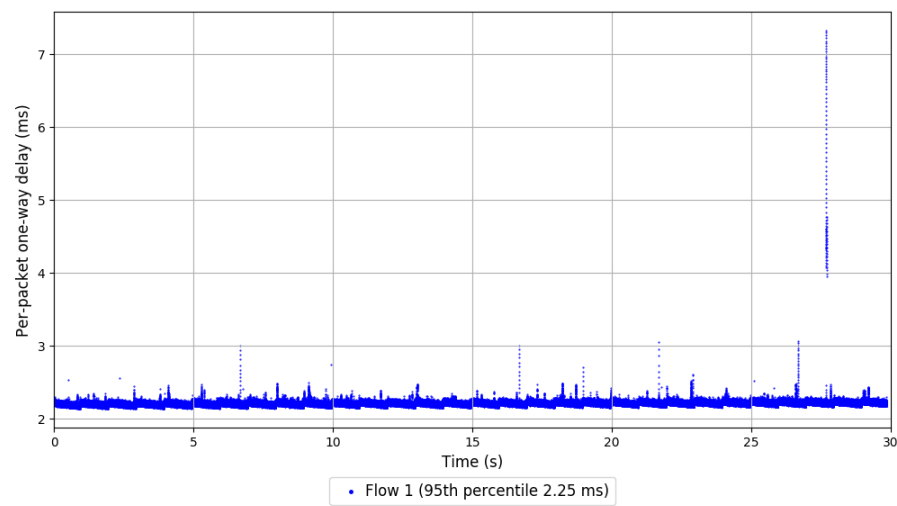
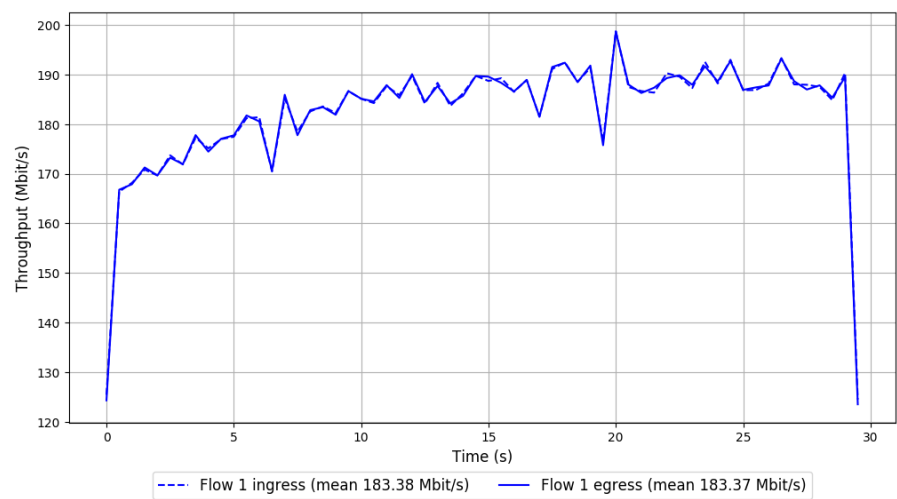
-- Flow 1:

Average throughput: 183.37 Mbit/s

95th percentile per-packet one-way delay: 2.246 ms

Loss rate: 0.02%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-11-30 11:03:15

End at: 2017-11-30 11:03:45

Local clock offset: 1.338 ms

Remote clock offset: 0.936 ms

Below is generated by plot.py at 2017-11-30 16:22:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.58 Mbit/s

95th percentile per-packet one-way delay: 2.206 ms

Loss rate: 0.01%

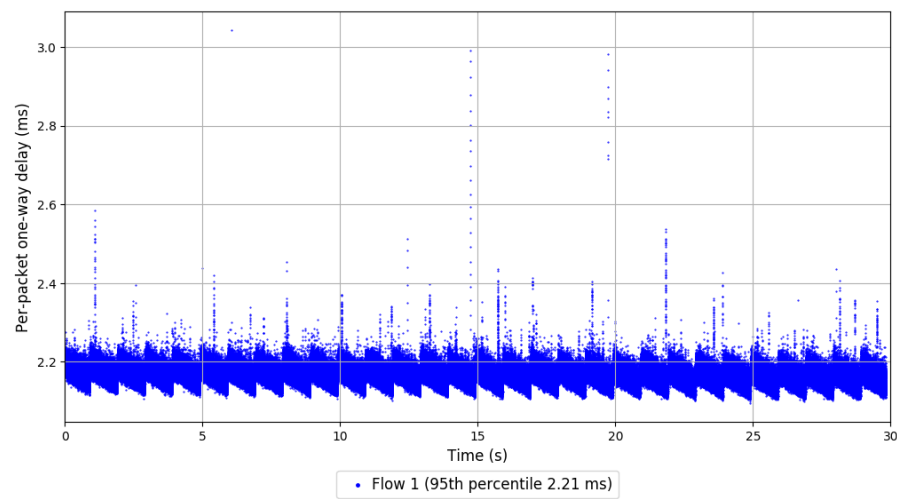
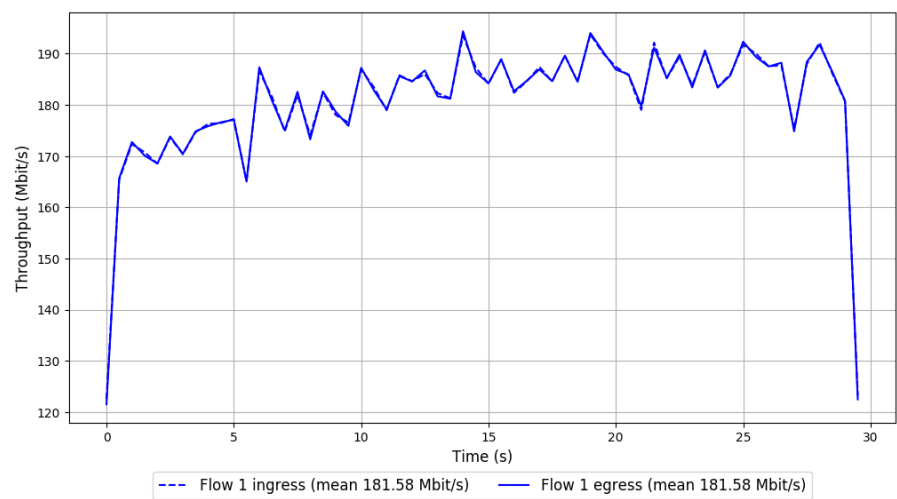
-- Flow 1:

Average throughput: 181.58 Mbit/s

95th percentile per-packet one-way delay: 2.206 ms

Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-11-30 11:20:48

End at: 2017-11-30 11:21:18

Local clock offset: 1.186 ms

Remote clock offset: 0.597 ms

Below is generated by plot.py at 2017-11-30 16:22:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.21 Mbit/s

95th percentile per-packet one-way delay: 2.317 ms

Loss rate: 0.01%

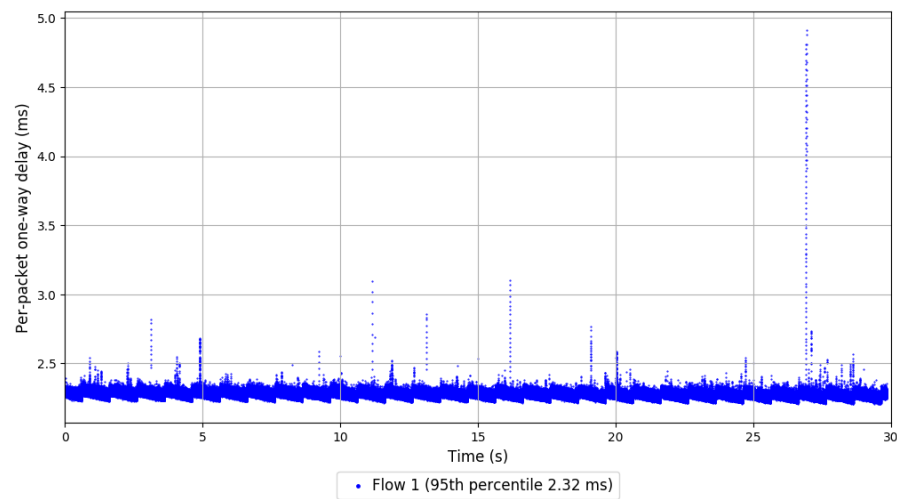
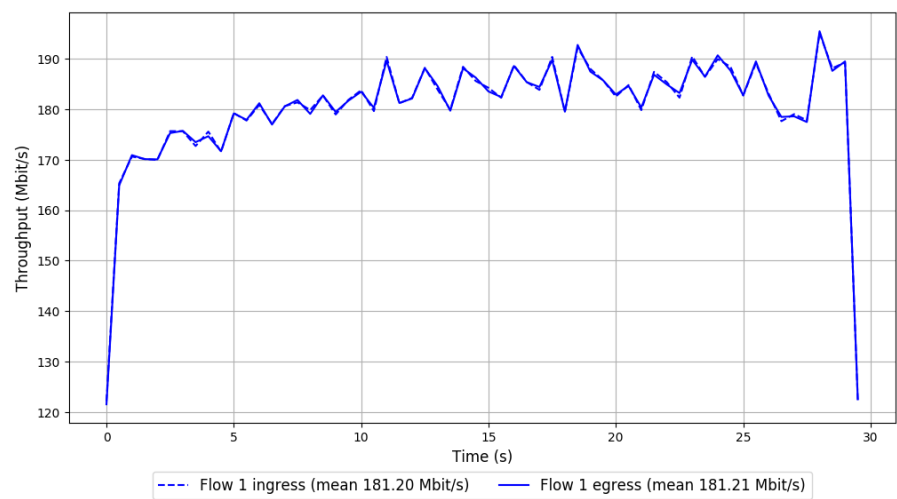
-- Flow 1:

Average throughput: 181.21 Mbit/s

95th percentile per-packet one-way delay: 2.317 ms

Loss rate: 0.01%

Run 9: Report of Indigo — Data Link

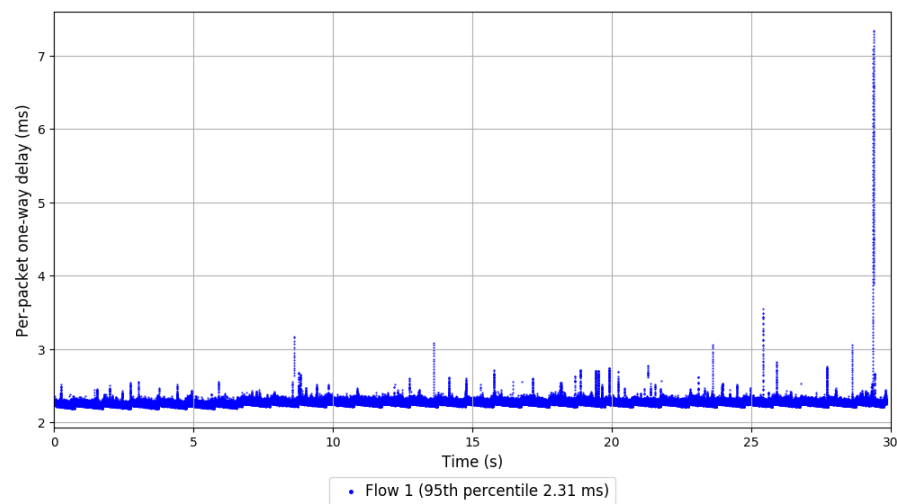
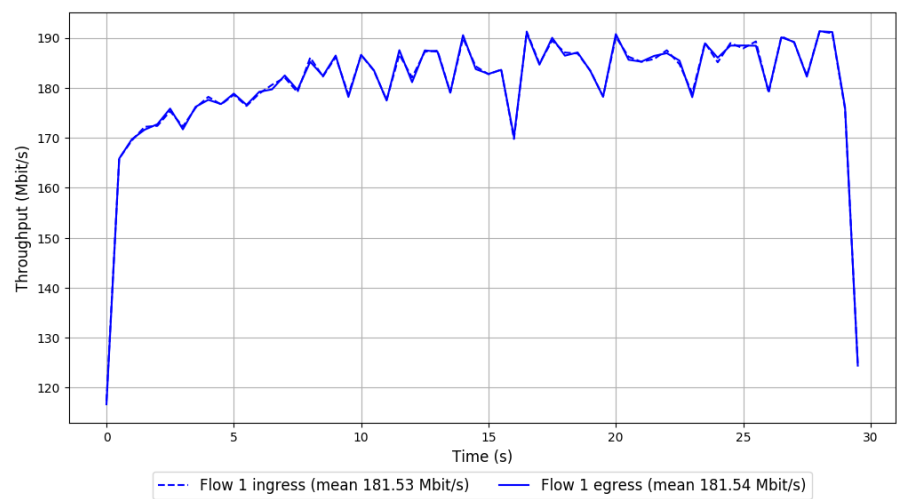


```
Run 10: Statistics of Indigo

Start at: 2017-11-30 11:39:02
End at: 2017-11-30 11:39:32
Local clock offset: 1.312 ms
Remote clock offset: 0.349 ms

# Below is generated by plot.py at 2017-11-30 16:22:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 181.54 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 181.54 Mbit/s
95th percentile per-packet one-way delay: 2.310 ms
Loss rate: 0.01%
```

Run 10: Report of Indigo — Data Link

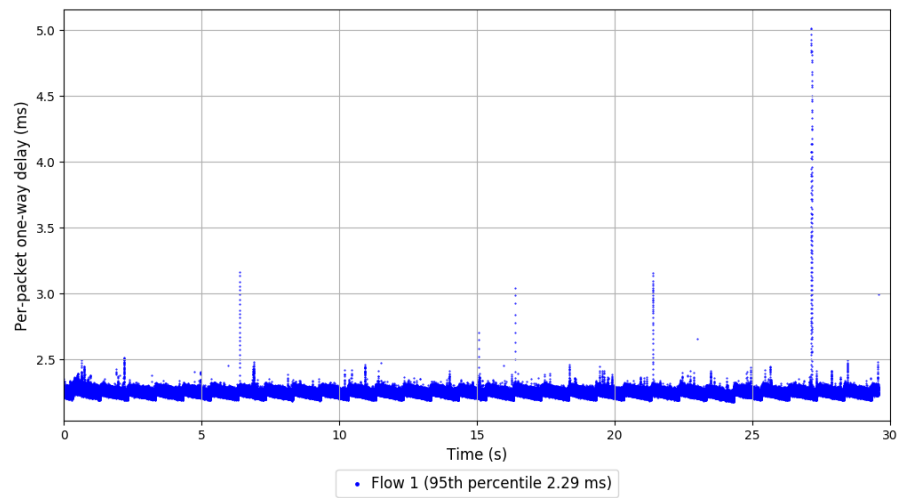
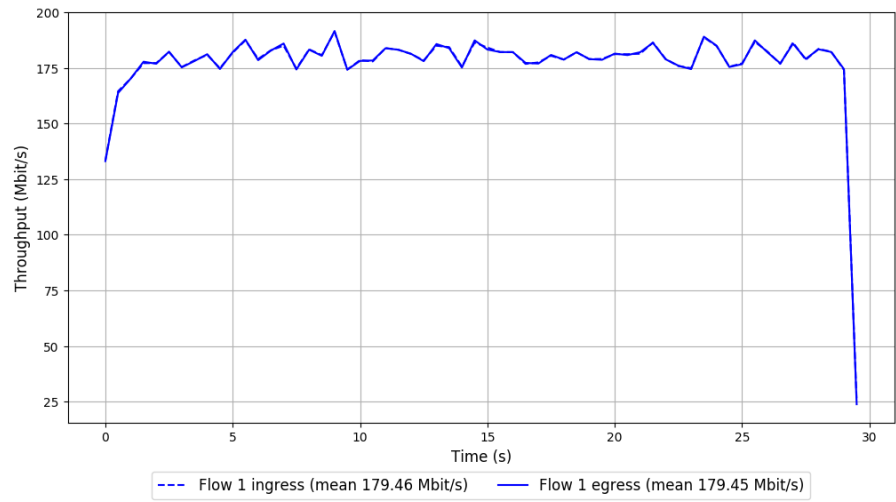


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-30 08:47:44
End at: 2017-11-30 08:48:14
Local clock offset: 3.392 ms
Remote clock offset: 0.068 ms

# Below is generated by plot.py at 2017-11-30 16:23:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 179.45 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 179.45 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo-calib — Data Link



Run 2: Statistics of Indigo-calib

Start at: 2017-11-30 09:06:02

End at: 2017-11-30 09:06:32

Local clock offset: 3.755 ms

Remote clock offset: 0.238 ms

Below is generated by plot.py at 2017-11-30 16:23:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.58 Mbit/s

95th percentile per-packet one-way delay: 2.261 ms

Loss rate: 0.01%

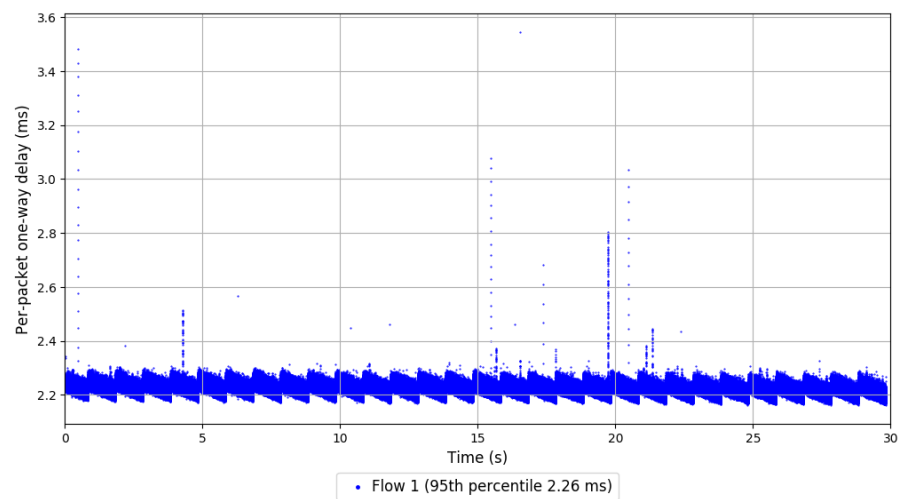
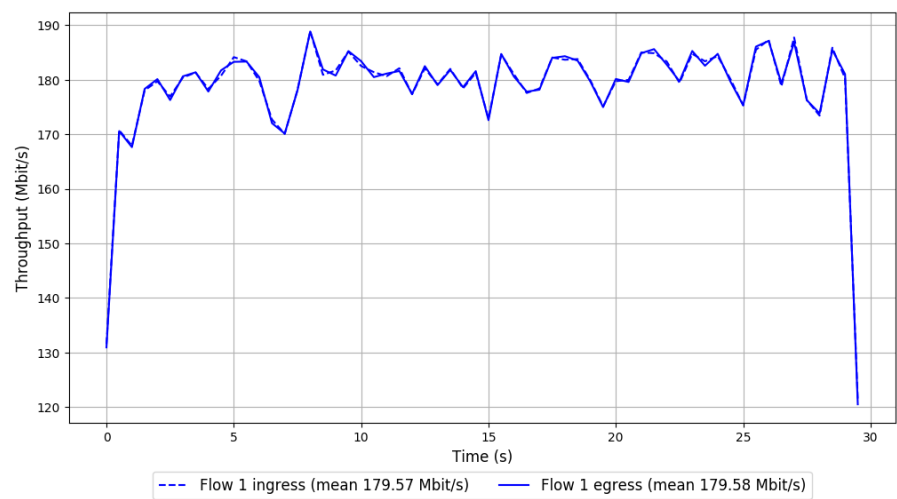
-- Flow 1:

Average throughput: 179.58 Mbit/s

95th percentile per-packet one-way delay: 2.261 ms

Loss rate: 0.01%

Run 2: Report of Indigo-calib — Data Link



Run 3: Statistics of Indigo-calib

Start at: 2017-11-30 09:24:09

End at: 2017-11-30 09:24:39

Local clock offset: 3.816 ms

Remote clock offset: 0.465 ms

Below is generated by plot.py at 2017-11-30 16:23:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 172.03 Mbit/s

95th percentile per-packet one-way delay: 2.283 ms

Loss rate: 0.02%

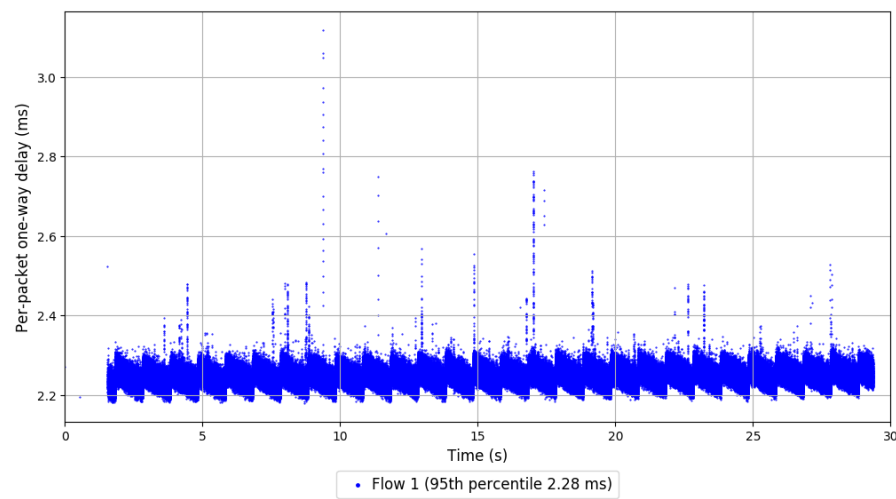
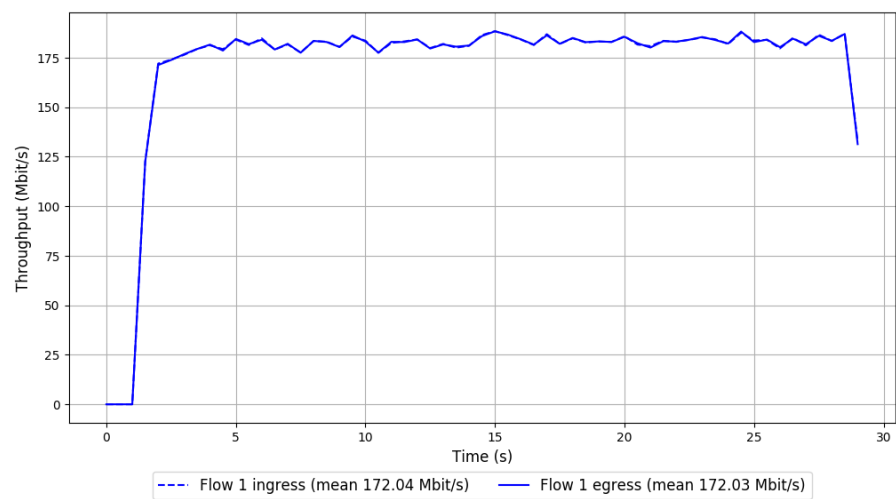
-- Flow 1:

Average throughput: 172.03 Mbit/s

95th percentile per-packet one-way delay: 2.283 ms

Loss rate: 0.02%

Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-11-30 09:42:27

End at: 2017-11-30 09:42:57

Local clock offset: 3.944 ms

Remote clock offset: 0.604 ms

Below is generated by plot.py at 2017-11-30 16:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 169.87 Mbit/s

95th percentile per-packet one-way delay: 2.273 ms

Loss rate: 0.03%

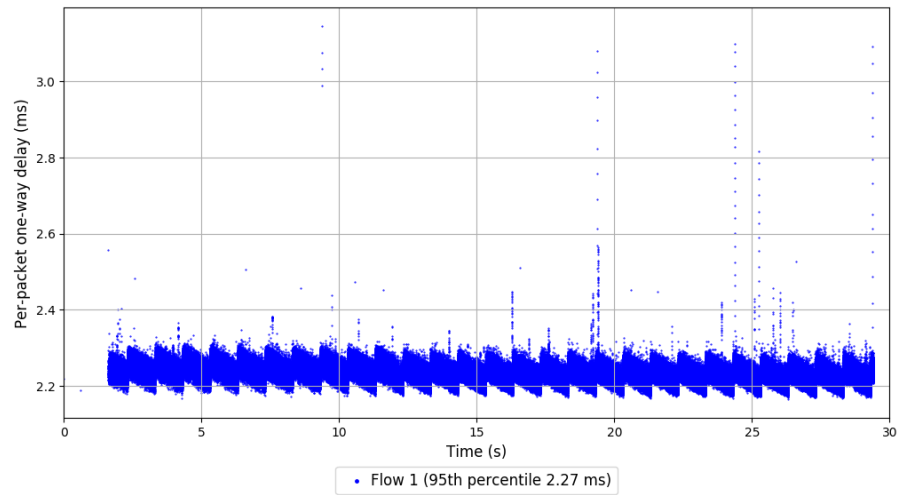
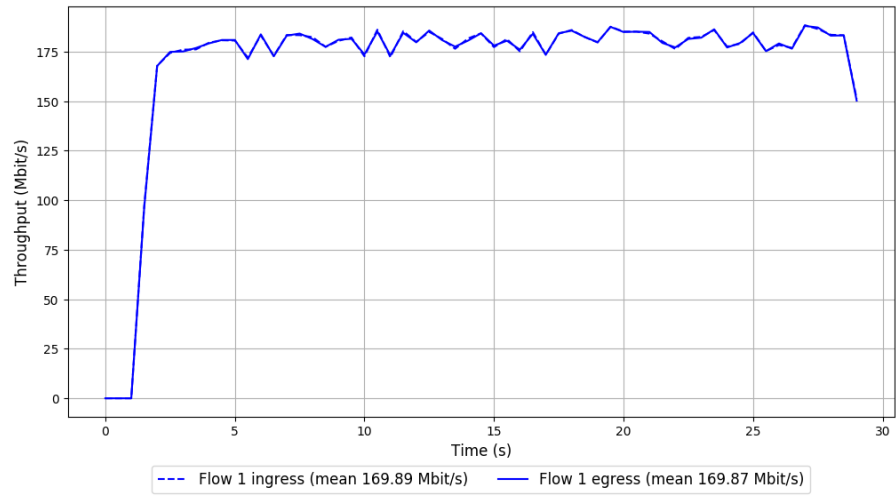
-- Flow 1:

Average throughput: 169.87 Mbit/s

95th percentile per-packet one-way delay: 2.273 ms

Loss rate: 0.03%

Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-11-30 10:00:34

End at: 2017-11-30 10:01:04

Local clock offset: 4.079 ms

Remote clock offset: 0.723 ms

Below is generated by plot.py at 2017-11-30 16:24:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.00 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.01%

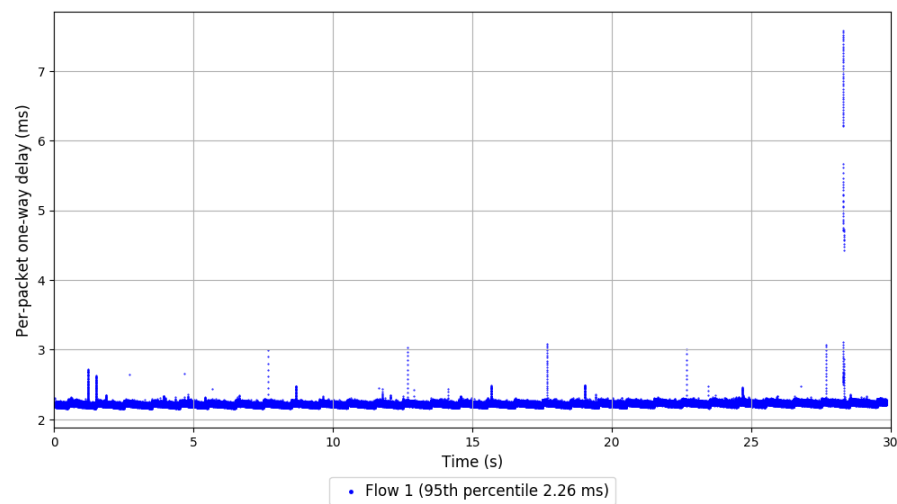
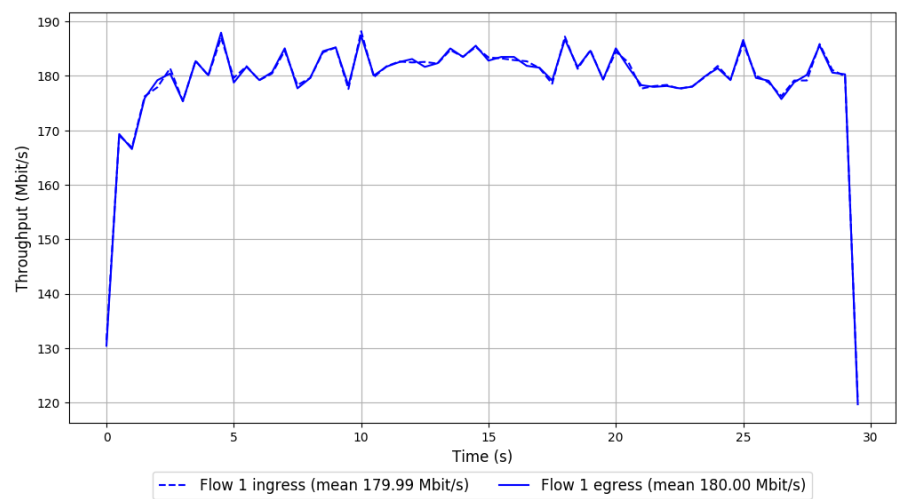
-- Flow 1:

Average throughput: 180.00 Mbit/s

95th percentile per-packet one-way delay: 2.258 ms

Loss rate: 0.01%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-11-30 10:18:37

End at: 2017-11-30 10:19:07

Local clock offset: 2.872 ms

Remote clock offset: 0.788 ms

Below is generated by plot.py at 2017-11-30 16:25:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.04 Mbit/s

95th percentile per-packet one-way delay: 2.309 ms

Loss rate: 0.01%

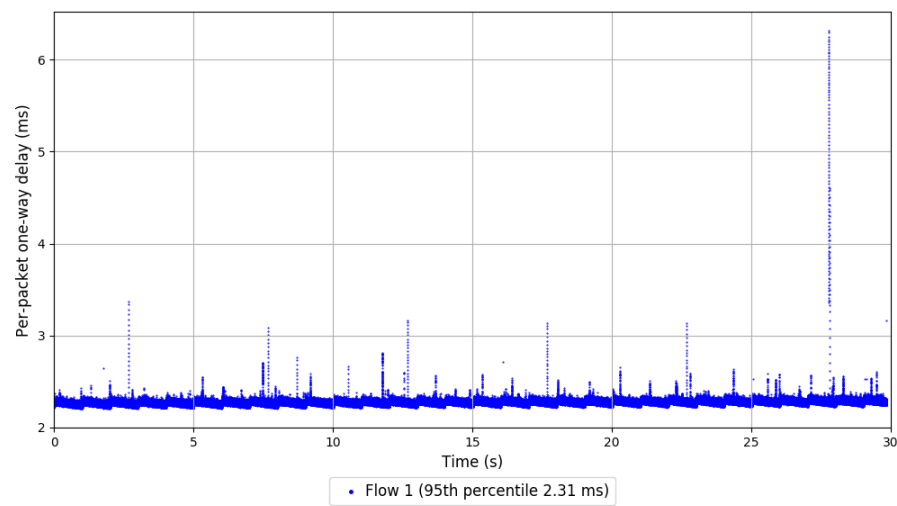
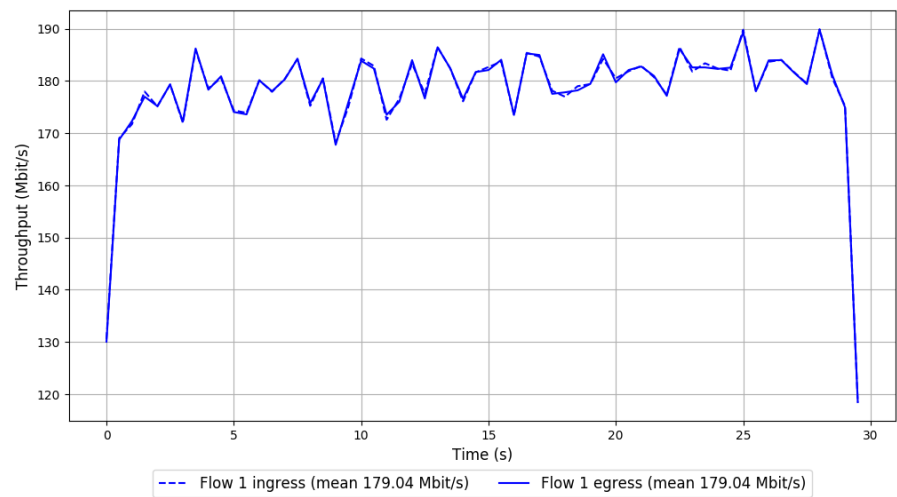
-- Flow 1:

Average throughput: 179.04 Mbit/s

95th percentile per-packet one-way delay: 2.309 ms

Loss rate: 0.01%

Run 6: Report of Indigo-calib — Data Link



Run 7: Statistics of Indigo-calib

Start at: 2017-11-30 10:36:49

End at: 2017-11-30 10:37:19

Local clock offset: 2.085 ms

Remote clock offset: 0.84 ms

Below is generated by plot.py at 2017-11-30 16:25:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.29 Mbit/s

95th percentile per-packet one-way delay: 2.314 ms

Loss rate: 0.02%

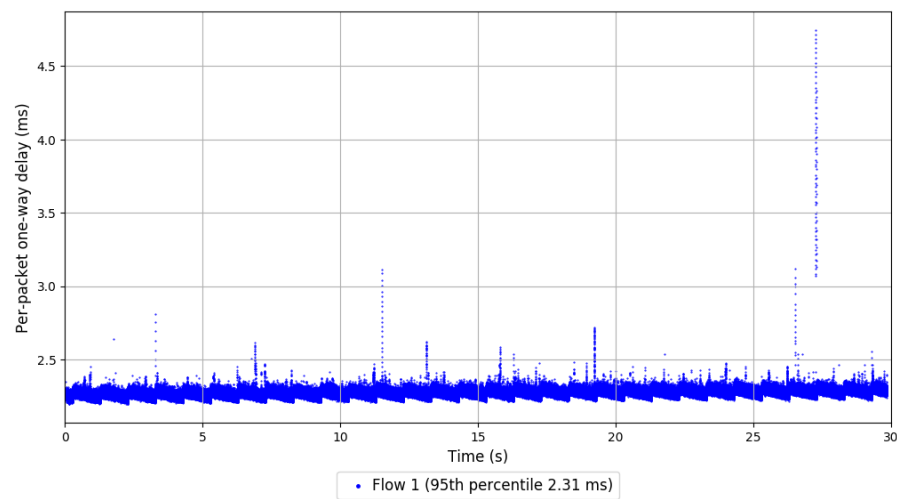
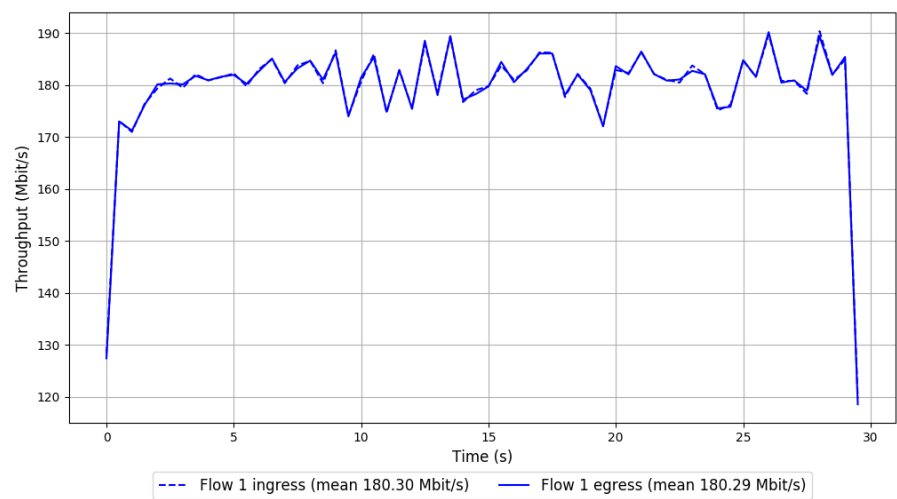
-- Flow 1:

Average throughput: 180.29 Mbit/s

95th percentile per-packet one-way delay: 2.314 ms

Loss rate: 0.02%

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-11-30 10:54:53

End at: 2017-11-30 10:55:23

Local clock offset: 1.36 ms

Remote clock offset: 0.938 ms

Below is generated by plot.py at 2017-11-30 16:25:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.08 Mbit/s

95th percentile per-packet one-way delay: 2.308 ms

Loss rate: 0.02%

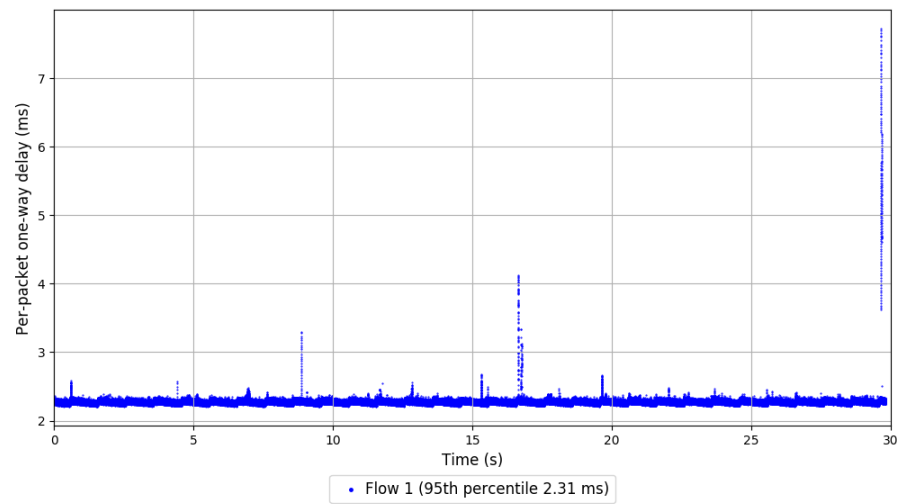
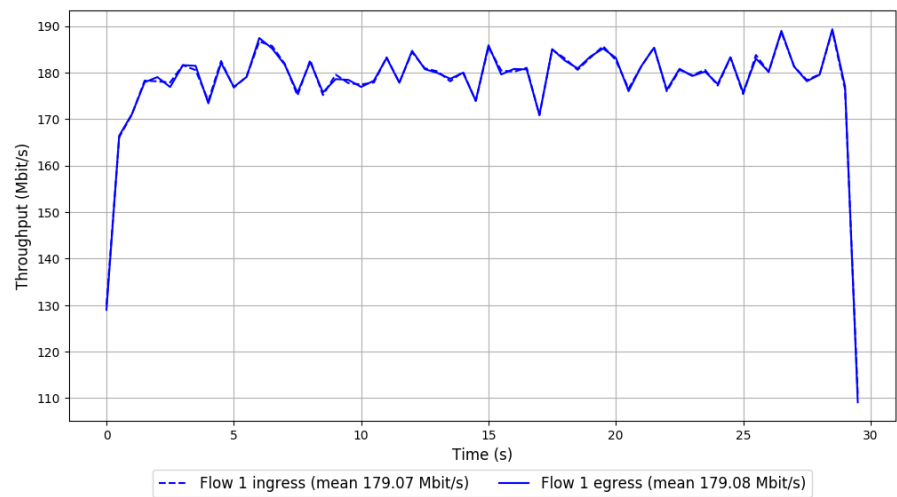
-- Flow 1:

Average throughput: 179.08 Mbit/s

95th percentile per-packet one-way delay: 2.308 ms

Loss rate: 0.02%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-11-30 11:12:27

End at: 2017-11-30 11:12:57

Local clock offset: 1.162 ms

Remote clock offset: 0.827 ms

Below is generated by plot.py at 2017-11-30 16:25:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.21 Mbit/s

95th percentile per-packet one-way delay: 2.287 ms

Loss rate: 0.02%

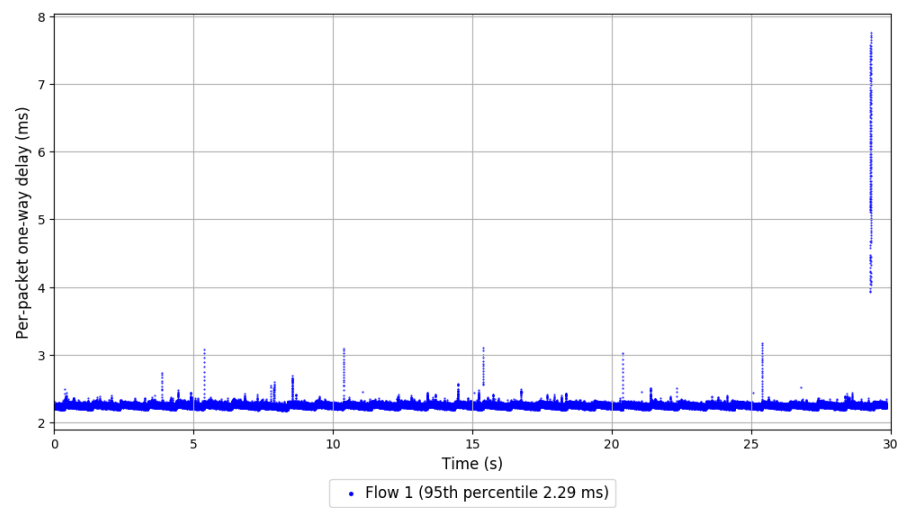
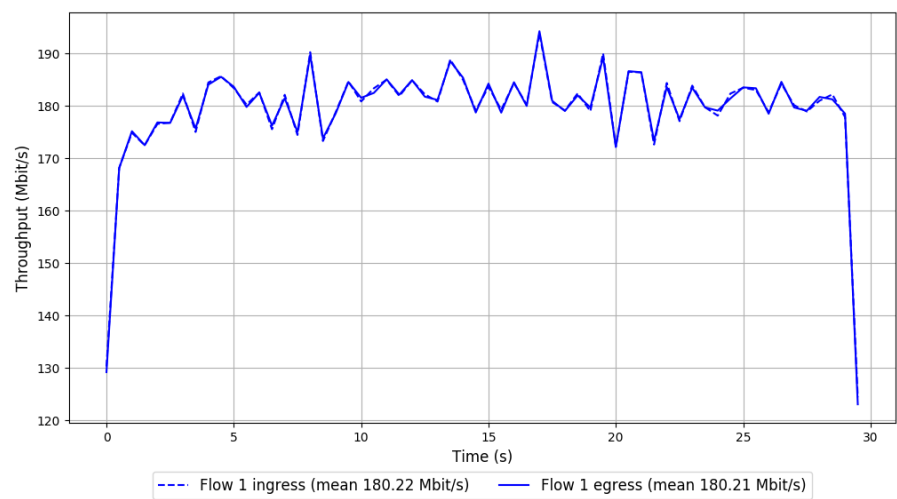
-- Flow 1:

Average throughput: 180.21 Mbit/s

95th percentile per-packet one-way delay: 2.287 ms

Loss rate: 0.02%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-30 11:30:38

End at: 2017-11-30 11:31:08

Local clock offset: 1.361 ms

Remote clock offset: 0.437 ms

Below is generated by plot.py at 2017-11-30 16:25:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 173.37 Mbit/s

95th percentile per-packet one-way delay: 2.252 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 173.37 Mbit/s

95th percentile per-packet one-way delay: 2.252 ms

Loss rate: 0.01%

Run 10: Report of Indigo-calib — Data Link

