

Pantheon Report

Generated at 2017-12-05 17:25:19 (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).

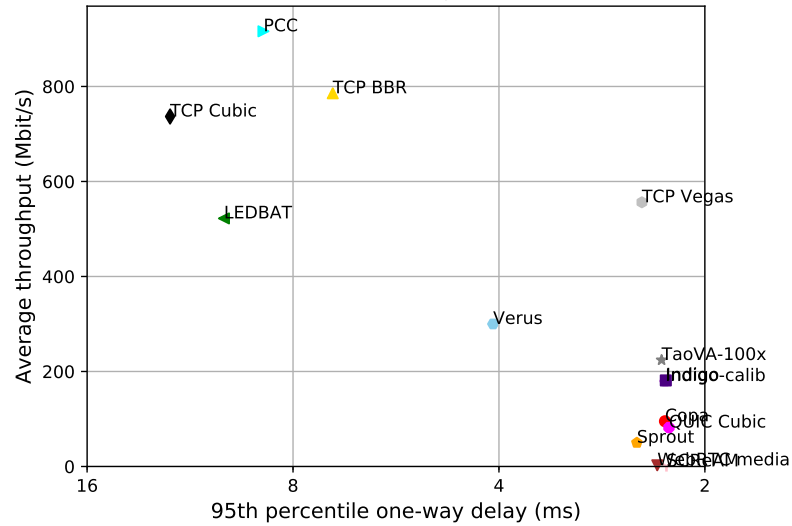
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

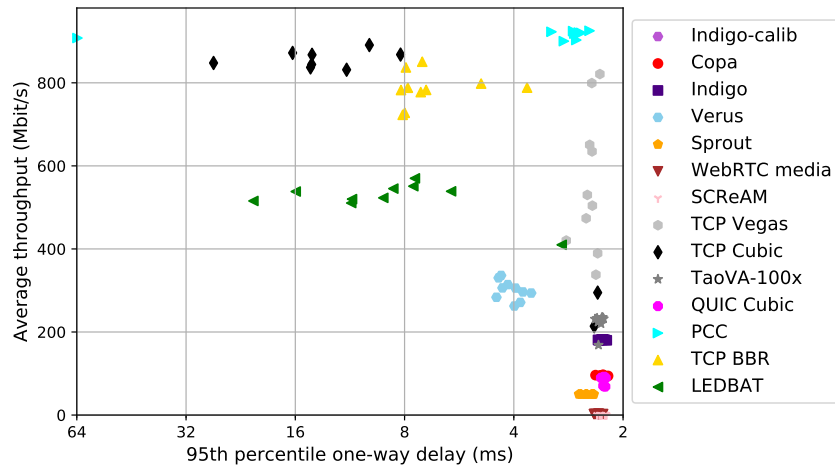
Git summary:

```
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-quir @ 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	785.65	7.00	0.02
TCP Cubic	10	736.77	12.10	0.03
LEDBAT	10	522.23	10.09	0.03
PCC	10	916.16	8.84	0.24
QUIC Cubic	10	82.04	2.26	0.02
SCReAM	10	0.22	2.28	0.00
WebRTC media	10	2.45	2.35	0.01
Sprout	10	50.10	2.51	0.01
TaoVA-100x	10	224.16	2.31	0.01
TCP Vegas	10	556.16	2.47	0.01
Verus	10	300.03	4.08	0.02
Copa	9	95.22	2.29	0.01
Indigo	10	181.17	2.28	0.01
Indigo-calib	10	179.92	2.29	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-12-05 09:54:23

End at: 2017-12-05 09:54:53

Local clock offset: -0.508 ms

Remote clock offset: 0.101 ms

Below is generated by plot.py at 2017-12-05 16:08:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 788.17 Mbit/s

95th percentile per-packet one-way delay: 7.837 ms

Loss rate: 0.04%

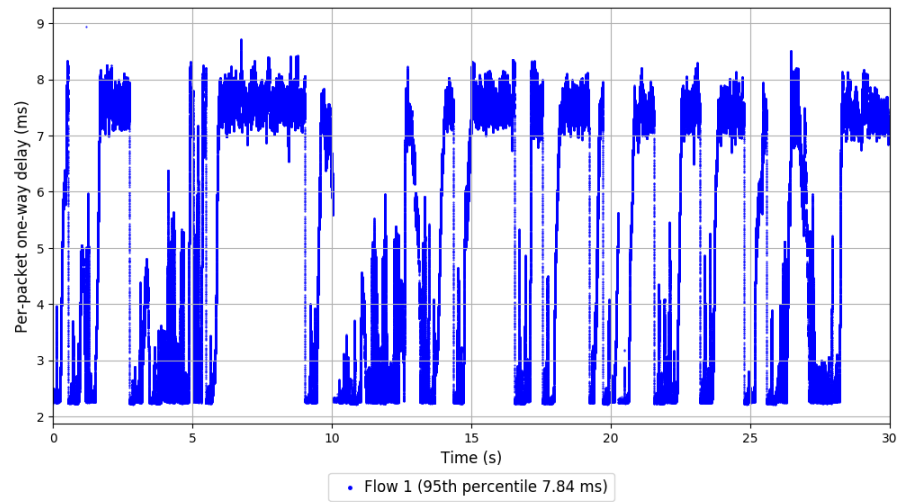
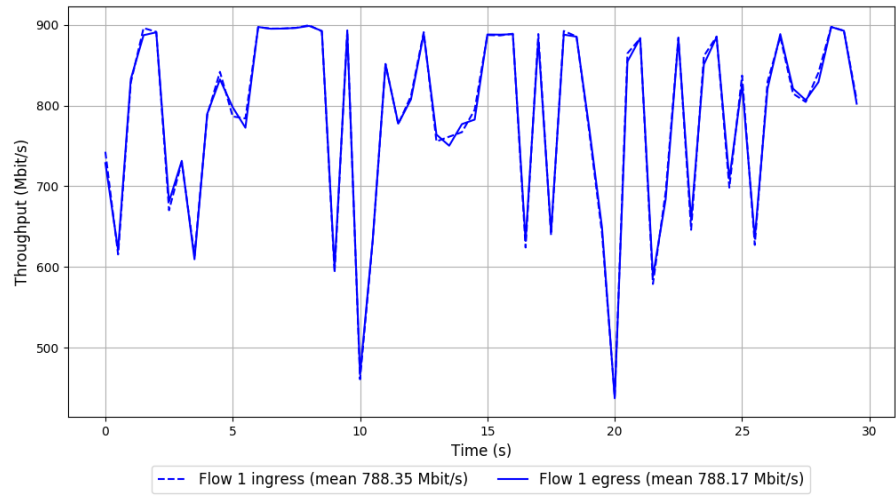
-- Flow 1:

Average throughput: 788.17 Mbit/s

95th percentile per-packet one-way delay: 7.837 ms

Loss rate: 0.04%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-12-05 10:12:39

End at: 2017-12-05 10:13:09

Local clock offset: -0.399 ms

Remote clock offset: 0.383 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 850.80 Mbit/s

95th percentile per-packet one-way delay: 7.151 ms

Loss rate: 0.03%

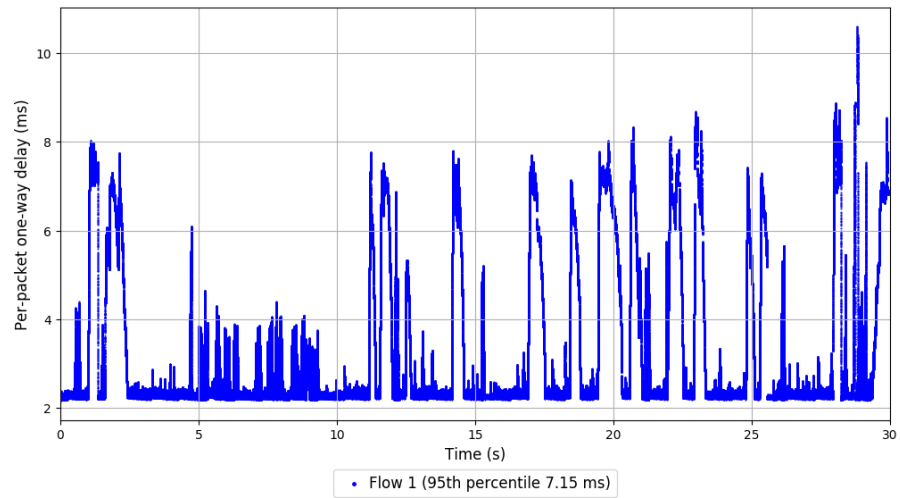
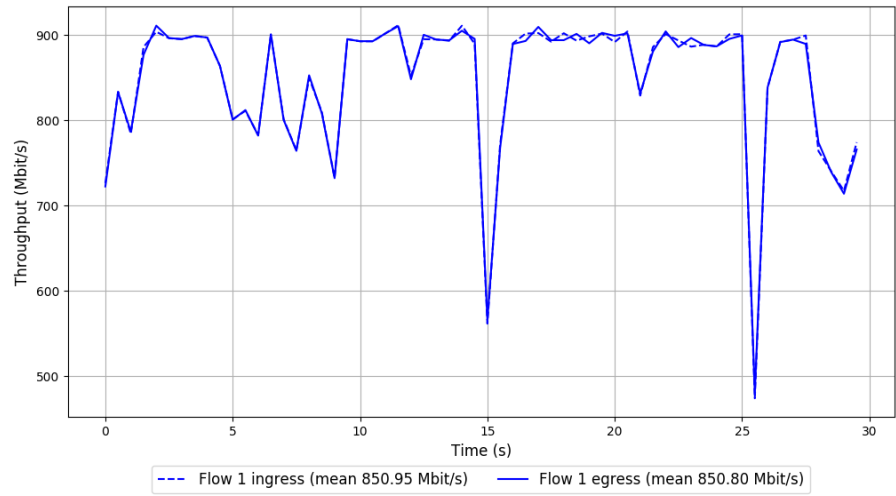
-- Flow 1:

Average throughput: 850.80 Mbit/s

95th percentile per-packet one-way delay: 7.151 ms

Loss rate: 0.03%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-12-05 10:30:56

End at: 2017-12-05 10:31:26

Local clock offset: -0.258 ms

Remote clock offset: 0.611 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 722.94 Mbit/s

95th percentile per-packet one-way delay: 8.096 ms

Loss rate: 0.01%

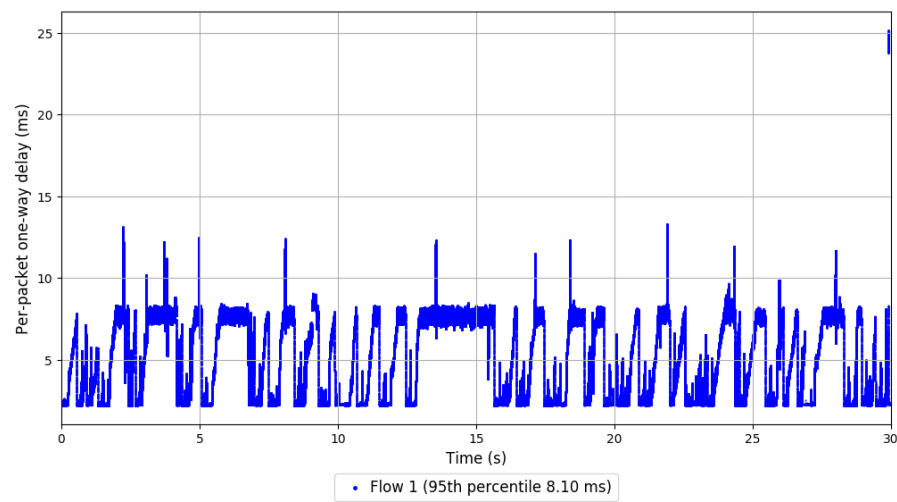
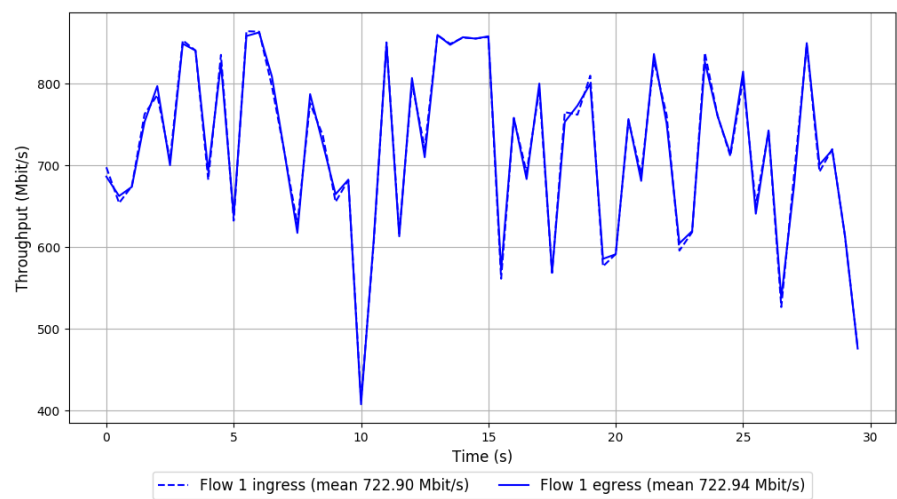
-- Flow 1:

Average throughput: 722.94 Mbit/s

95th percentile per-packet one-way delay: 8.096 ms

Loss rate: 0.01%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-12-05 10:49:12

End at: 2017-12-05 10:49:42

Local clock offset: -0.254 ms

Remote clock offset: 0.813 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 727.79 Mbit/s

95th percentile per-packet one-way delay: 7.991 ms

Loss rate: 0.04%

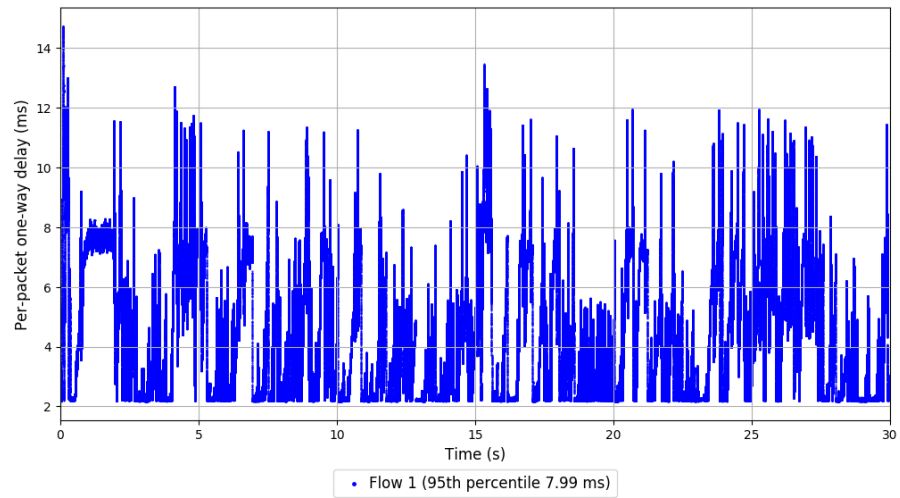
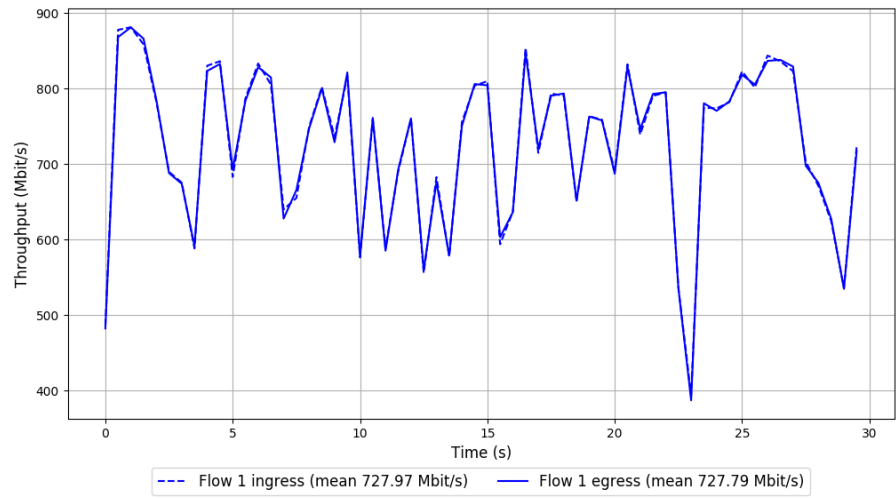
-- Flow 1:

Average throughput: 727.79 Mbit/s

95th percentile per-packet one-way delay: 7.991 ms

Loss rate: 0.04%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-12-05 11:07:20

End at: 2017-12-05 11:07:50

Local clock offset: -0.201 ms

Remote clock offset: 0.836 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 782.96 Mbit/s

95th percentile per-packet one-way delay: 6.977 ms

Loss rate: 0.02%

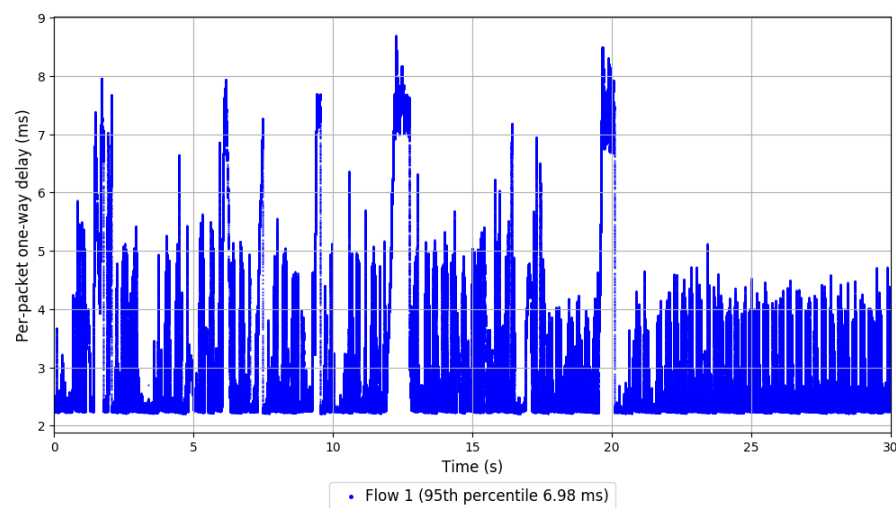
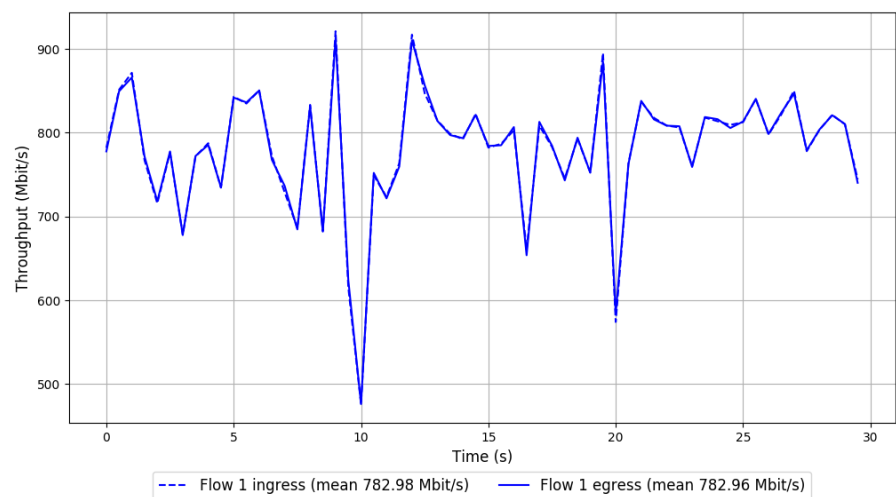
-- Flow 1:

Average throughput: 782.96 Mbit/s

95th percentile per-packet one-way delay: 6.977 ms

Loss rate: 0.02%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-12-05 11:25:12

End at: 2017-12-05 11:25:42

Local clock offset: -0.19 ms

Remote clock offset: 0.82 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 798.16 Mbit/s

95th percentile per-packet one-way delay: 4.922 ms

Loss rate: 0.02%

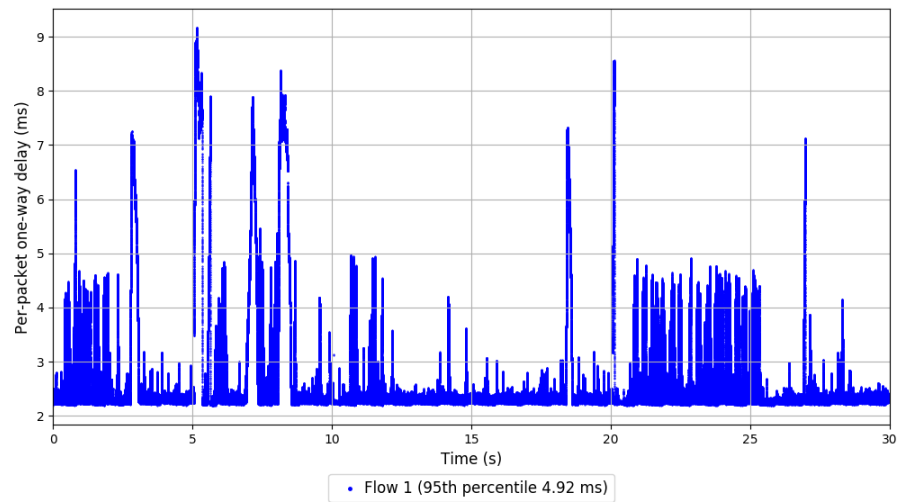
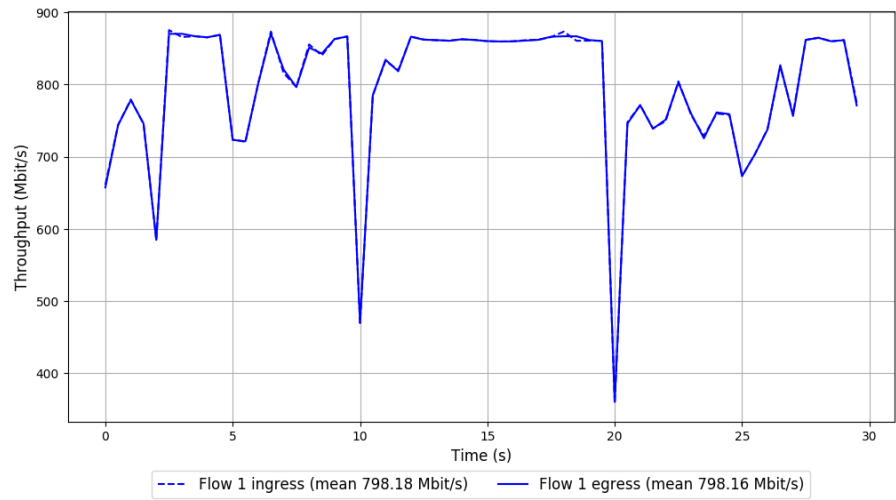
-- Flow 1:

Average throughput: 798.16 Mbit/s

95th percentile per-packet one-way delay: 4.922 ms

Loss rate: 0.02%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-12-05 11:43:17

End at: 2017-12-05 11:43:47

Local clock offset: -0.223 ms

Remote clock offset: 0.783 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 777.63 Mbit/s

95th percentile per-packet one-way delay: 7.220 ms

Loss rate: 0.02%

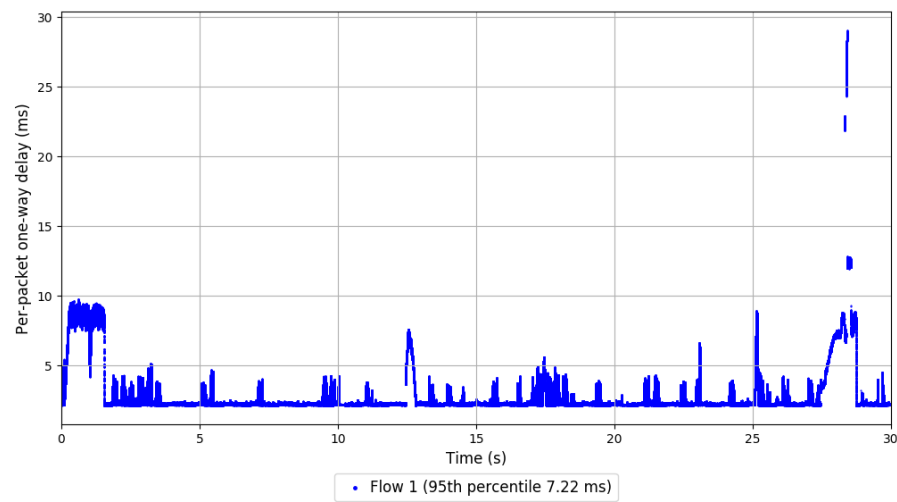
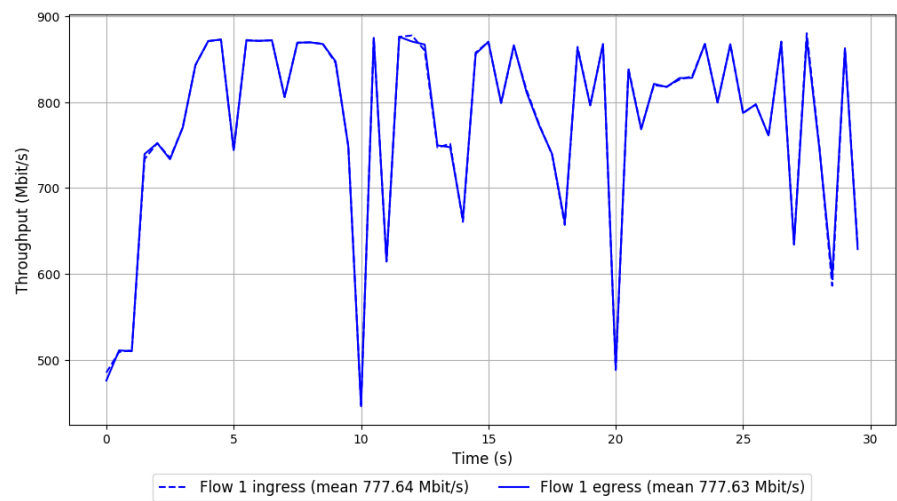
-- Flow 1:

Average throughput: 777.63 Mbit/s

95th percentile per-packet one-way delay: 7.220 ms

Loss rate: 0.02%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-12-05 12:01:20

End at: 2017-12-05 12:01:50

Local clock offset: -0.155 ms

Remote clock offset: 0.558 ms

Below is generated by plot.py at 2017-12-05 16:09:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 837.02 Mbit/s

95th percentile per-packet one-way delay: 7.932 ms

Loss rate: 0.00%

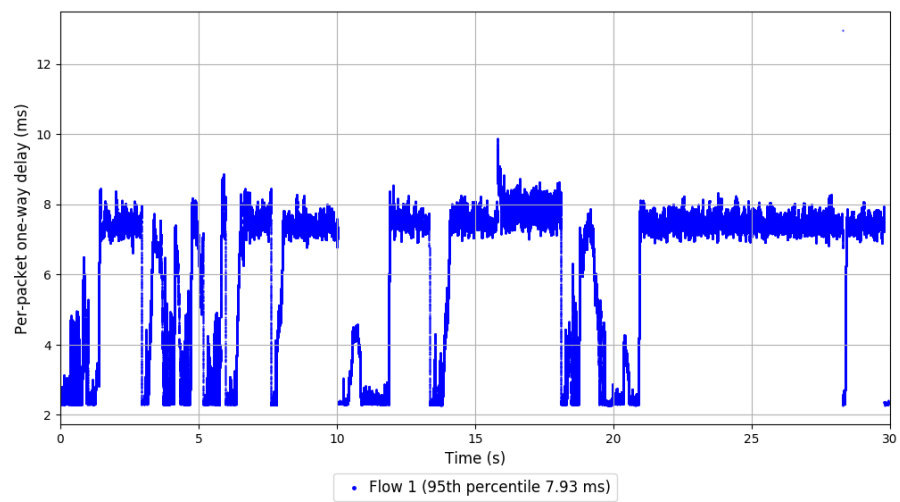
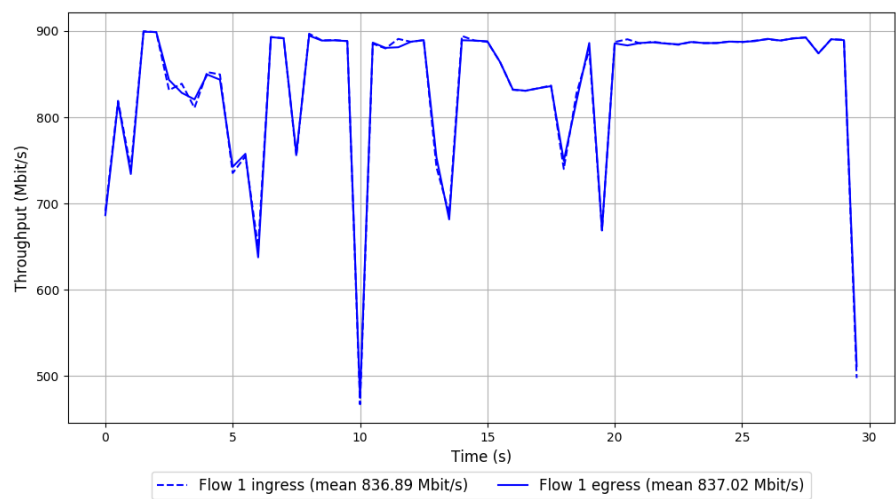
-- Flow 1:

Average throughput: 837.02 Mbit/s

95th percentile per-packet one-way delay: 7.932 ms

Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-12-05 12:19:46

End at: 2017-12-05 12:20:16

Local clock offset: -0.148 ms

Remote clock offset: 0.382 ms

Below is generated by plot.py at 2017-12-05 16:18:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 788.41 Mbit/s

95th percentile per-packet one-way delay: 3.677 ms

Loss rate: 0.02%

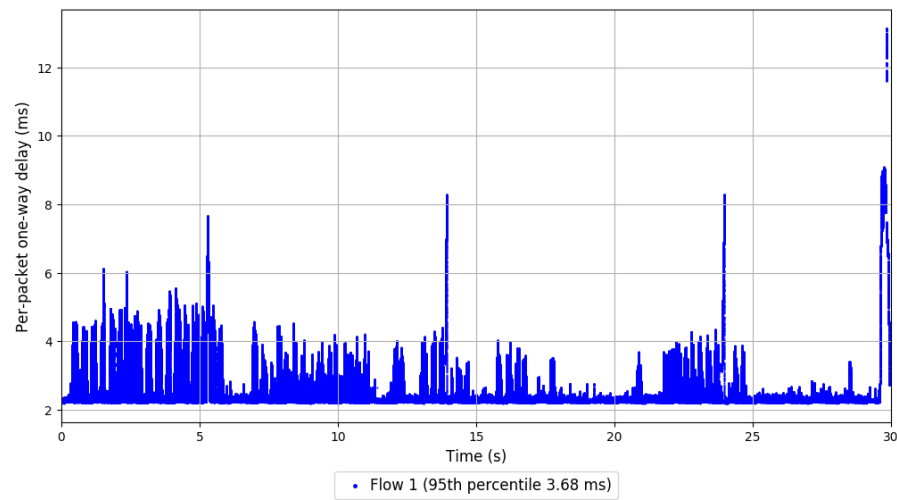
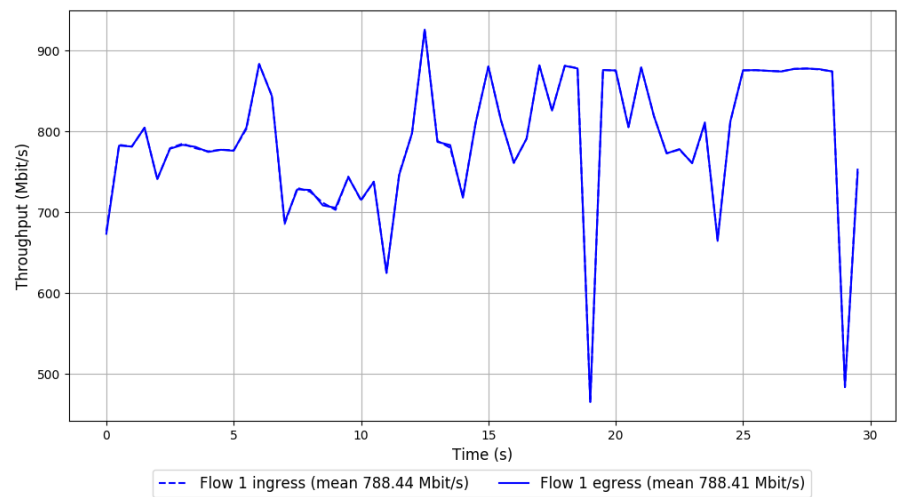
-- Flow 1:

Average throughput: 788.41 Mbit/s

95th percentile per-packet one-way delay: 3.677 ms

Loss rate: 0.02%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-12-05 12:37:37

End at: 2017-12-05 12:38:07

Local clock offset: -0.153 ms

Remote clock offset: 0.175 ms

Below is generated by plot.py at 2017-12-05 16:18:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 782.61 Mbit/s

95th percentile per-packet one-way delay: 8.182 ms

Loss rate: 0.02%

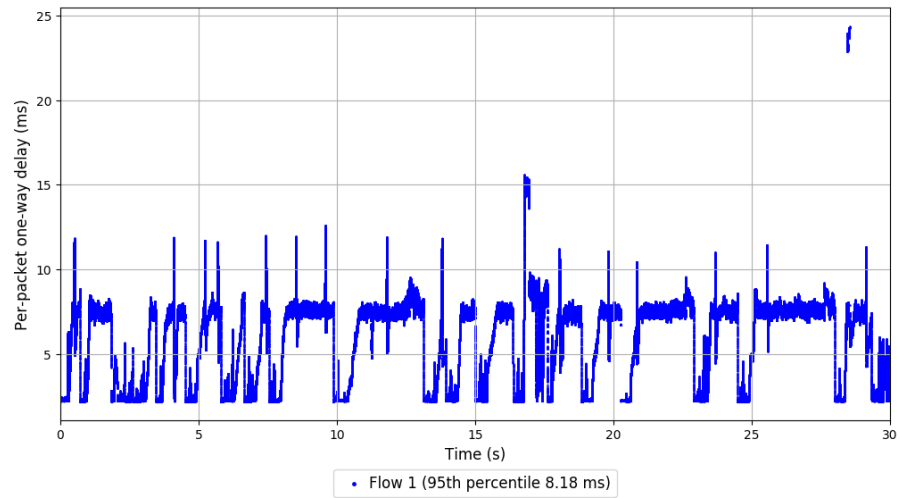
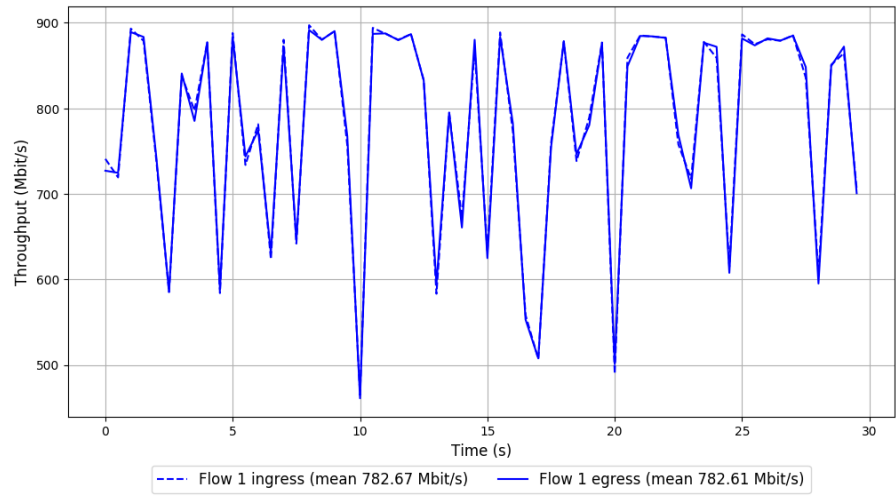
-- Flow 1:

Average throughput: 782.61 Mbit/s

95th percentile per-packet one-way delay: 8.182 ms

Loss rate: 0.02%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-12-05 09:49:04

End at: 2017-12-05 09:49:34

Local clock offset: -0.585 ms

Remote clock offset: 0.057 ms

Below is generated by plot.py at 2017-12-05 16:20:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 867.47 Mbit/s

95th percentile per-packet one-way delay: 14.388 ms

Loss rate: 0.06%

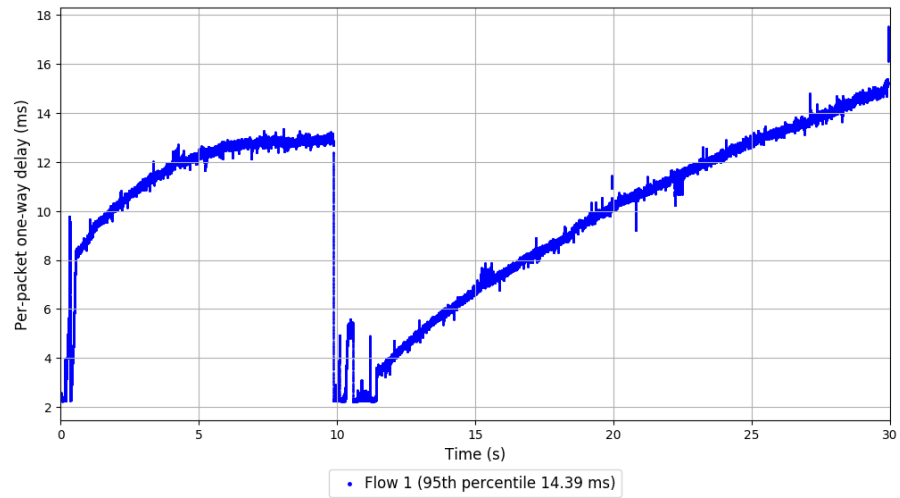
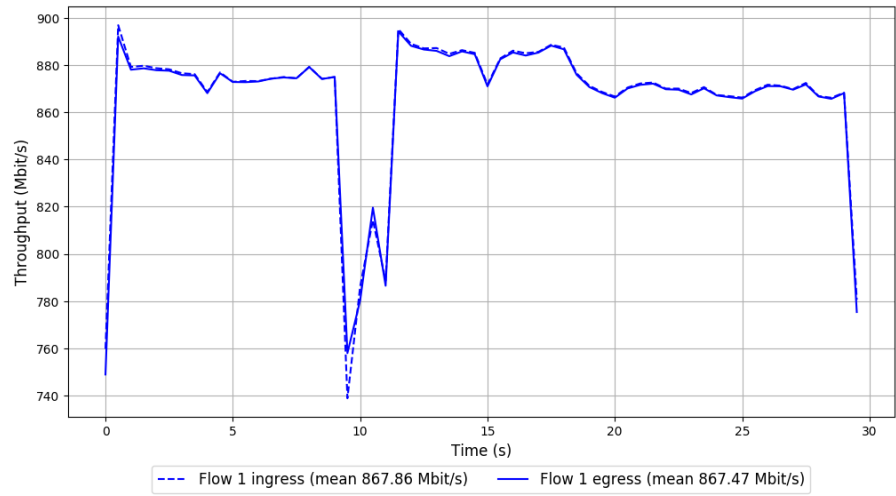
-- Flow 1:

Average throughput: 867.47 Mbit/s

95th percentile per-packet one-way delay: 14.388 ms

Loss rate: 0.06%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-12-05 10:07:21

End at: 2017-12-05 10:07:51

Local clock offset: -0.418 ms

Remote clock offset: 0.302 ms

Below is generated by plot.py at 2017-12-05 16:20:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 831.50 Mbit/s

95th percentile per-packet one-way delay: 11.555 ms

Loss rate: 0.02%

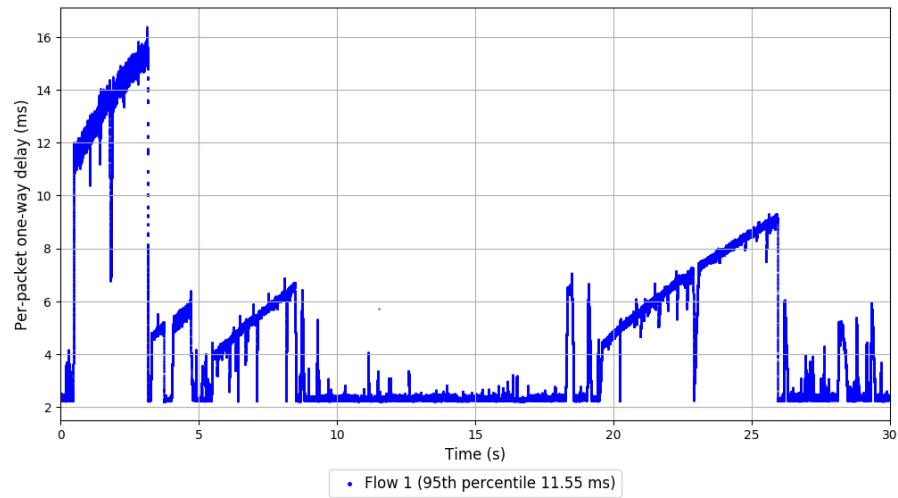
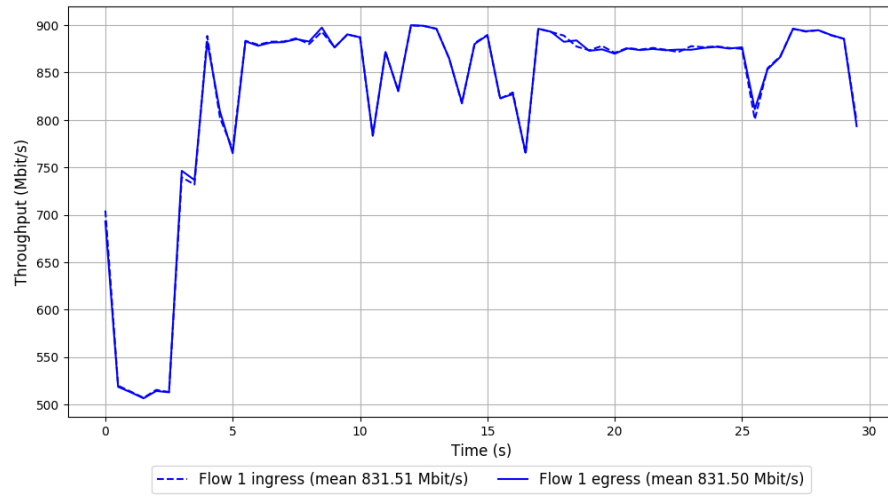
-- Flow 1:

Average throughput: 831.50 Mbit/s

95th percentile per-packet one-way delay: 11.555 ms

Loss rate: 0.02%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-12-05 10:25:35

End at: 2017-12-05 10:26:05

Local clock offset: -0.271 ms

Remote clock offset: 0.549 ms

Below is generated by plot.py at 2017-12-05 16:20:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 890.89 Mbit/s

95th percentile per-packet one-way delay: 10.001 ms

Loss rate: 0.02%

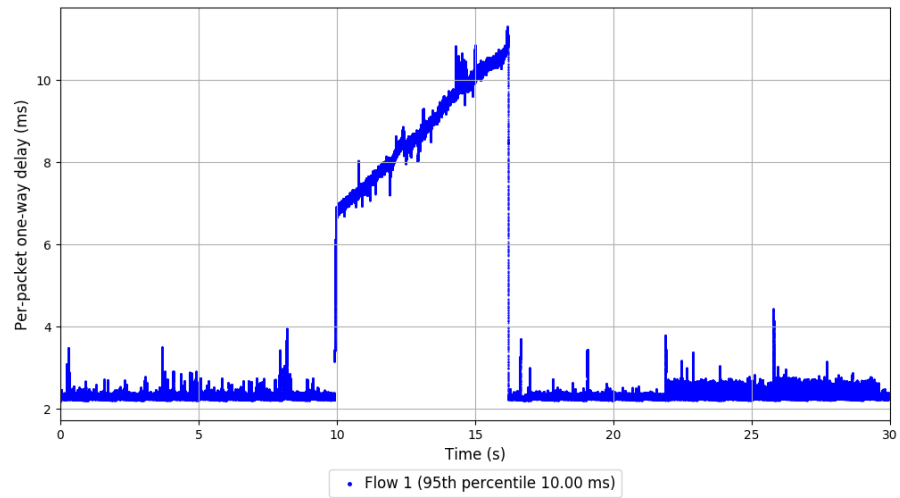
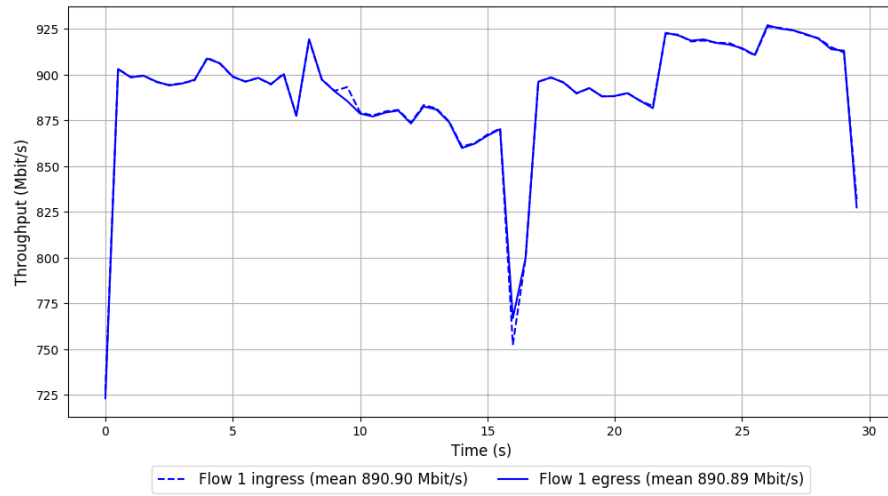
-- Flow 1:

Average throughput: 890.89 Mbit/s

95th percentile per-packet one-way delay: 10.001 ms

Loss rate: 0.02%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-12-05 10:43:54

End at: 2017-12-05 10:44:24

Local clock offset: -0.326 ms

Remote clock offset: 0.767 ms

Below is generated by plot.py at 2017-12-05 16:20:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 847.79 Mbit/s

95th percentile per-packet one-way delay: 26.877 ms

Loss rate: 0.03%

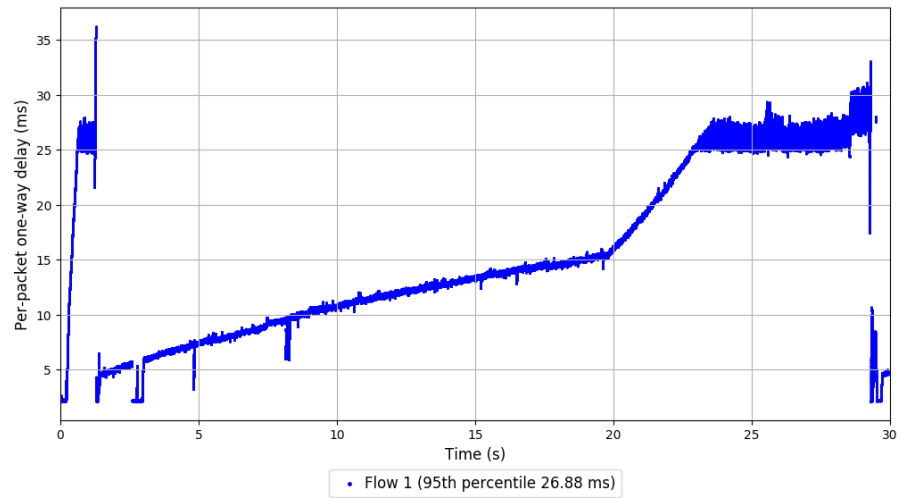
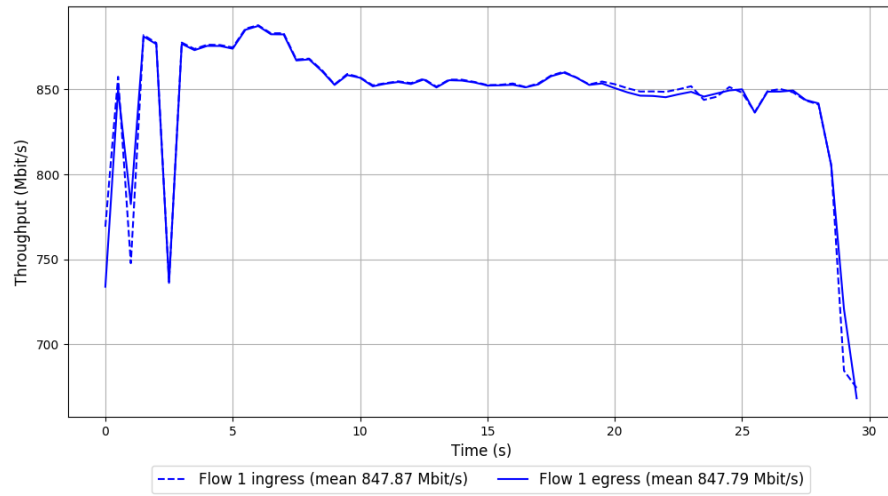
-- Flow 1:

Average throughput: 847.79 Mbit/s

95th percentile per-packet one-way delay: 26.877 ms

Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-12-05 11:02:02

End at: 2017-12-05 11:02:32

Local clock offset: -0.281 ms

Remote clock offset: 0.809 ms

Below is generated by plot.py at 2017-12-05 16:20:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 837.10 Mbit/s

95th percentile per-packet one-way delay: 14.529 ms

Loss rate: 0.03%

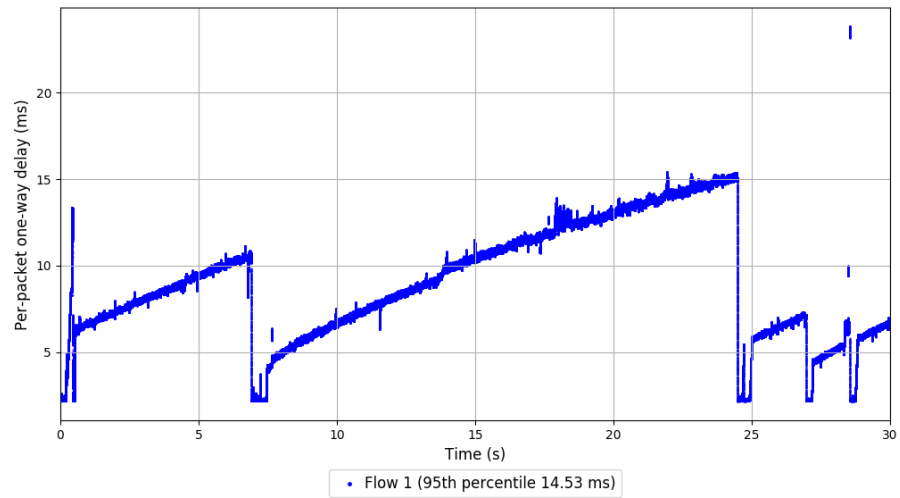
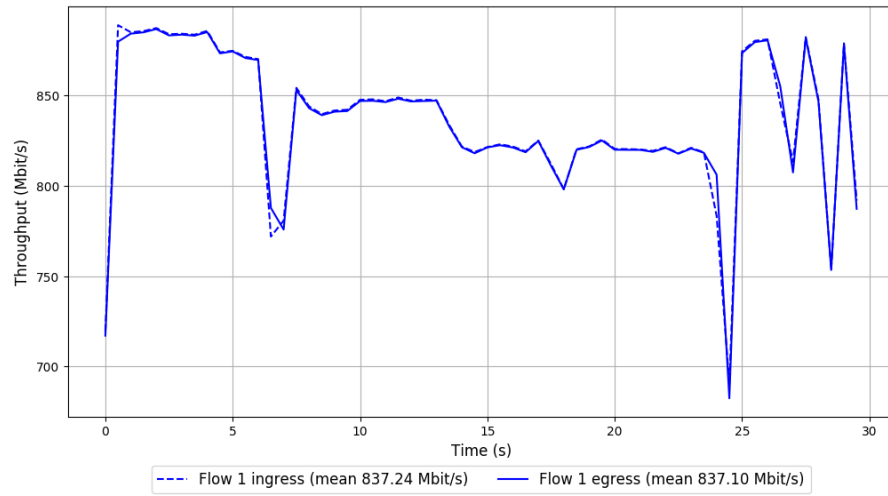
-- Flow 1:

Average throughput: 837.10 Mbit/s

95th percentile per-packet one-way delay: 14.529 ms

Loss rate: 0.03%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-12-05 11:20:14

End at: 2017-12-05 11:20:44

Local clock offset: -0.277 ms

Remote clock offset: 0.748 ms

Below is generated by plot.py at 2017-12-05 16:20:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 294.84 Mbit/s

95th percentile per-packet one-way delay: 2.350 ms

Loss rate: 0.02%

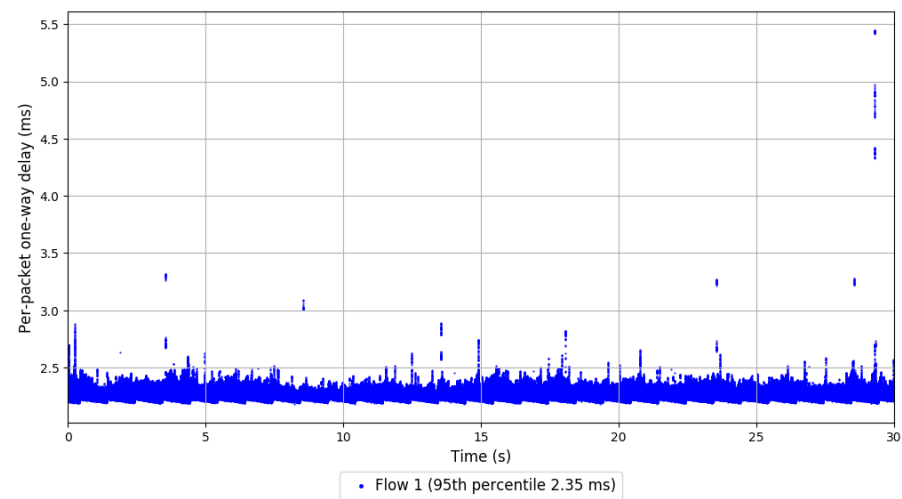
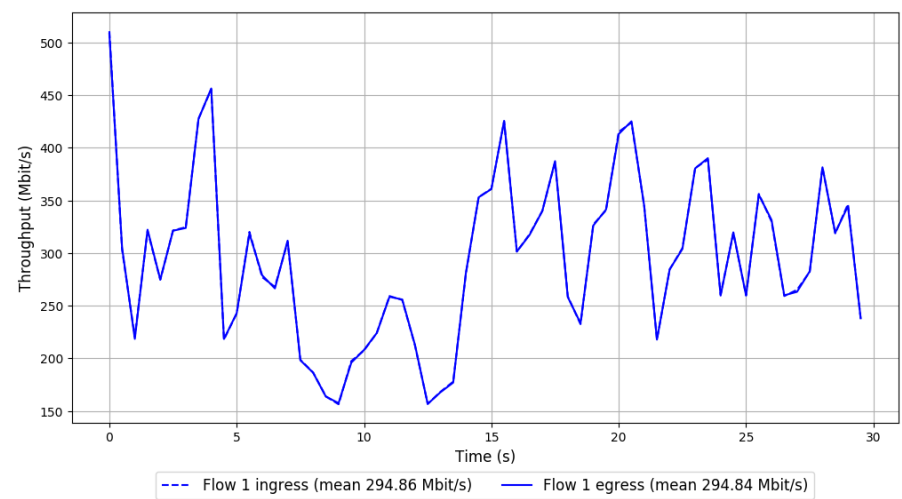
-- Flow 1:

Average throughput: 294.84 Mbit/s

95th percentile per-packet one-way delay: 2.350 ms

Loss rate: 0.02%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-12-05 11:38:06

End at: 2017-12-05 11:38:36

Local clock offset: -0.143 ms

Remote clock offset: 0.808 ms

Below is generated by plot.py at 2017-12-05 16:24:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 844.17 Mbit/s

95th percentile per-packet one-way delay: 14.421 ms

Loss rate: 0.04%

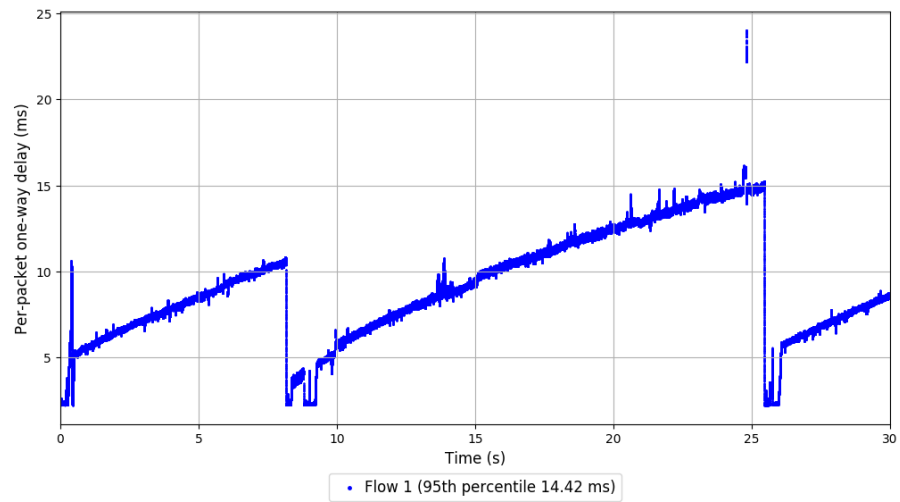
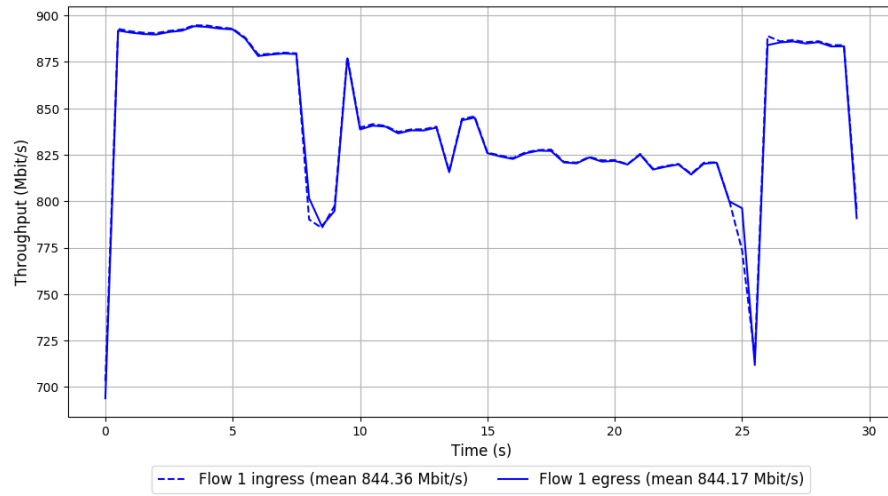
-- Flow 1:

Average throughput: 844.17 Mbit/s

95th percentile per-packet one-way delay: 14.421 ms

Loss rate: 0.04%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-12-05 11:56:02

End at: 2017-12-05 11:56:32

Local clock offset: -0.162 ms

Remote clock offset: 0.674 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 872.02 Mbit/s

95th percentile per-packet one-way delay: 16.277 ms

Loss rate: 0.03%

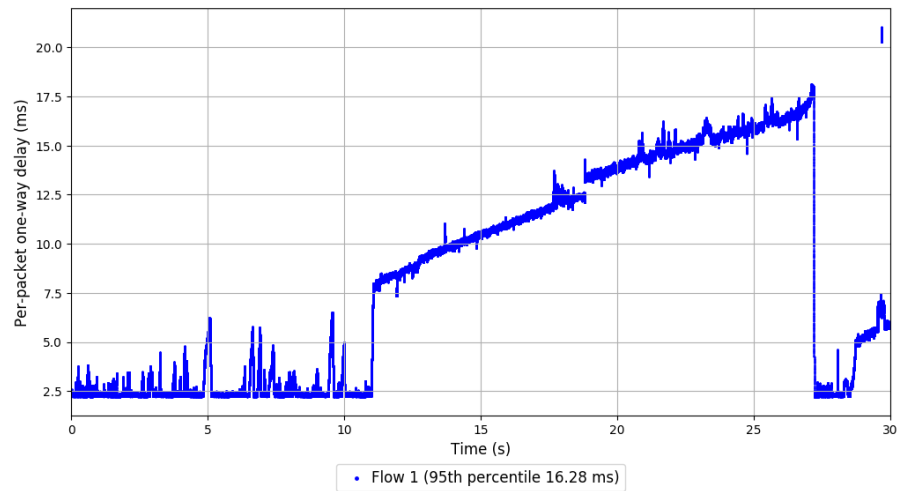
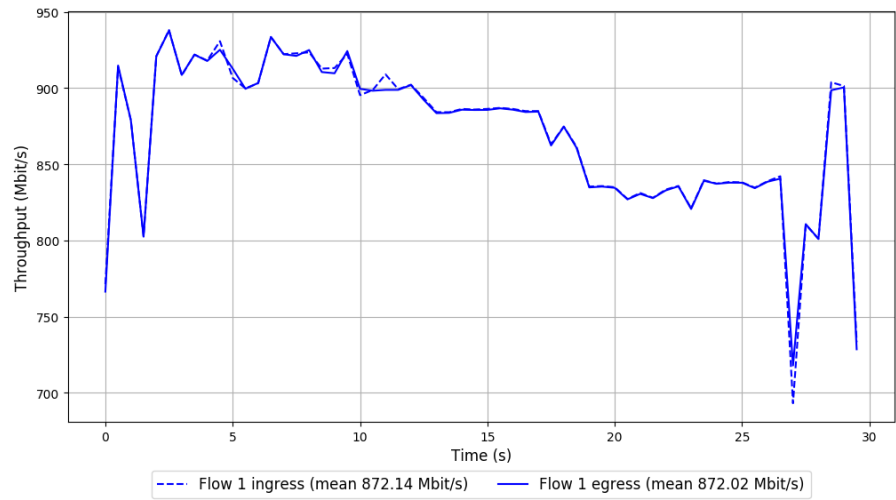
-- Flow 1:

Average throughput: 872.02 Mbit/s

95th percentile per-packet one-way delay: 16.277 ms

Loss rate: 0.03%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-12-05 12:14:26

End at: 2017-12-05 12:14:56

Local clock offset: -0.242 ms

Remote clock offset: 0.454 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 867.99 Mbit/s

95th percentile per-packet one-way delay: 8.207 ms

Loss rate: 0.02%

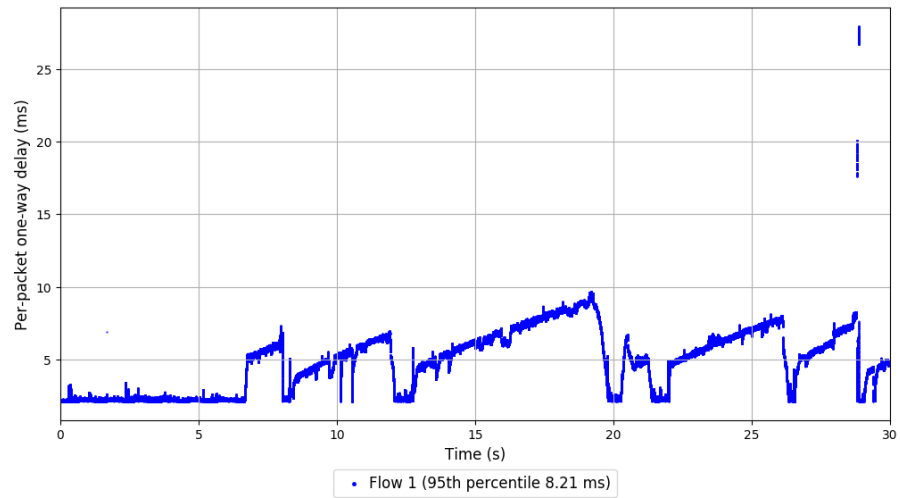
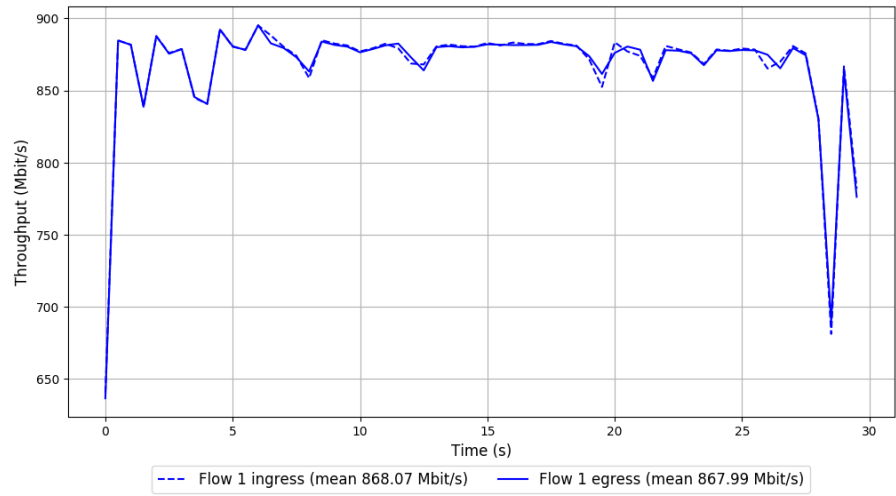
-- Flow 1:

Average throughput: 867.99 Mbit/s

95th percentile per-packet one-way delay: 8.207 ms

Loss rate: 0.02%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-12-05 12:32:46

End at: 2017-12-05 12:33:16

Local clock offset: -0.148 ms

Remote clock offset: 0.182 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 213.95 Mbit/s

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

Loss rate: 0.04%

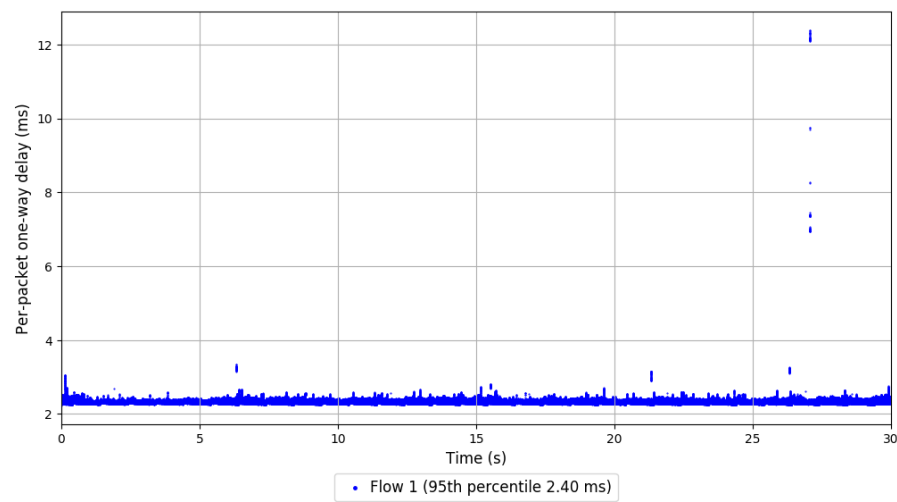
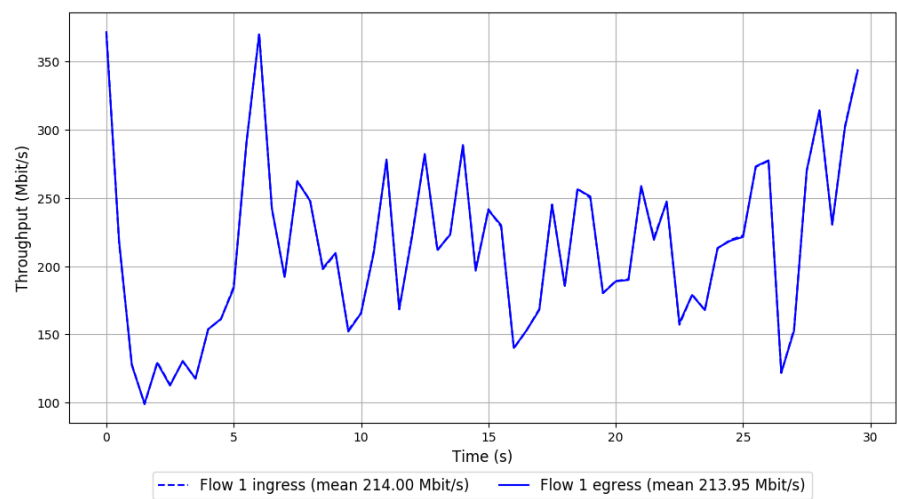
-- Flow 1:

Average throughput: 213.95 Mbit/s

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

Loss rate: 0.04%

Run 10: Report of TCP Cubic — Data Link

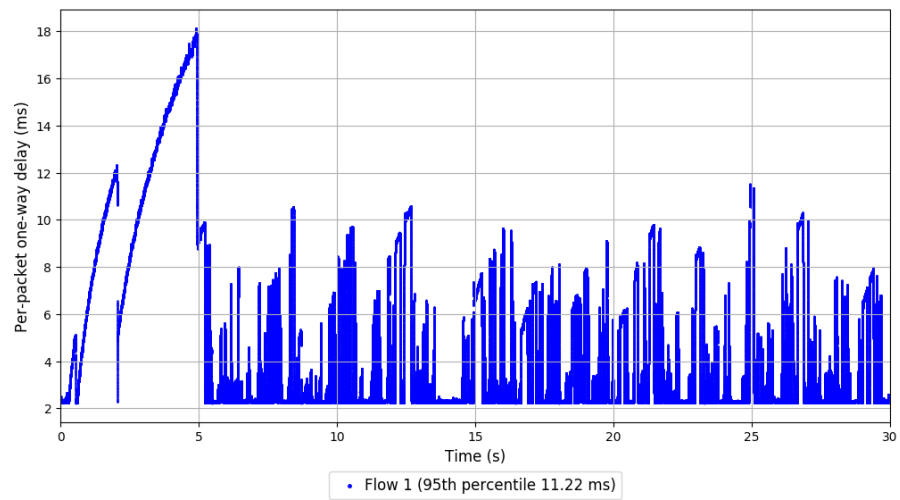
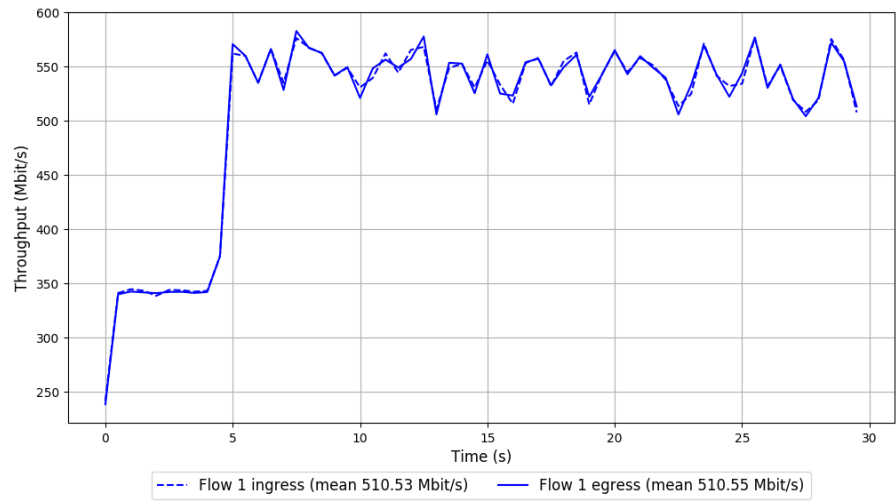


```
Run 1: Statistics of LEDBAT

Start at: 2017-12-05 09:50:42
End at: 2017-12-05 09:51:12
Local clock offset: -0.561 ms
Remote clock offset: 0.067 ms

# Below is generated by plot.py at 2017-12-05 16:30:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 510.55 Mbit/s
95th percentile per-packet one-way delay: 11.224 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 510.55 Mbit/s
95th percentile per-packet one-way delay: 11.224 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2017-12-05 10:08:58

End at: 2017-12-05 10:09:28

Local clock offset: -0.434 ms

Remote clock offset: 0.313 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 545.26 Mbit/s

95th percentile per-packet one-way delay: 8.593 ms

Loss rate: 0.04%

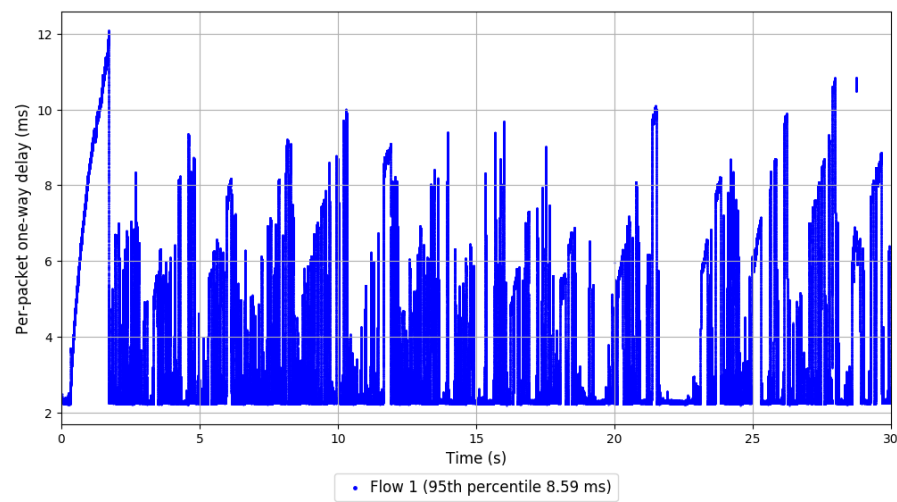
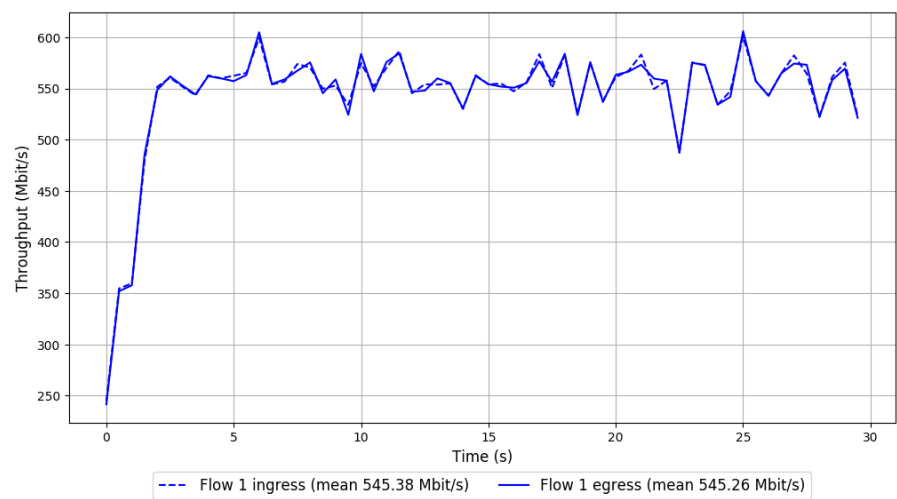
-- Flow 1:

Average throughput: 545.26 Mbit/s

95th percentile per-packet one-way delay: 8.593 ms

Loss rate: 0.04%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-12-05 10:27:14

End at: 2017-12-05 10:27:44

Local clock offset: -0.274 ms

Remote clock offset: 0.495 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 519.99 Mbit/s

95th percentile per-packet one-way delay: 11.166 ms

Loss rate: 0.04%

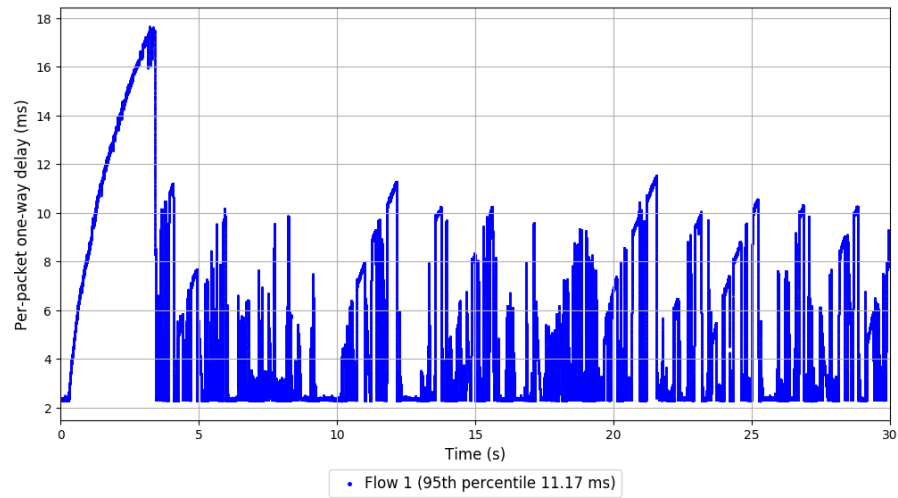
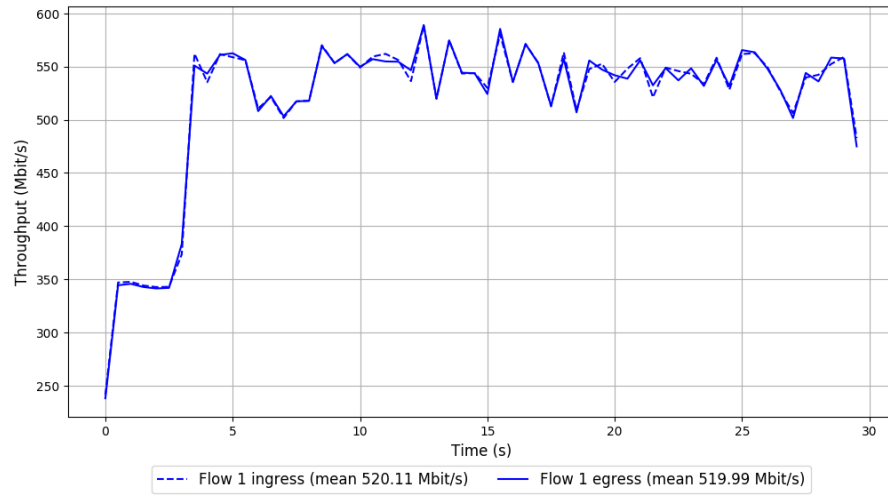
-- Flow 1:

Average throughput: 519.99 Mbit/s

95th percentile per-packet one-way delay: 11.166 ms

Loss rate: 0.04%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-12-05 10:45:31

End at: 2017-12-05 10:46:01

Local clock offset: -0.262 ms

Remote clock offset: 0.794 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 551.05 Mbit/s

95th percentile per-packet one-way delay: 7.569 ms

Loss rate: 0.03%

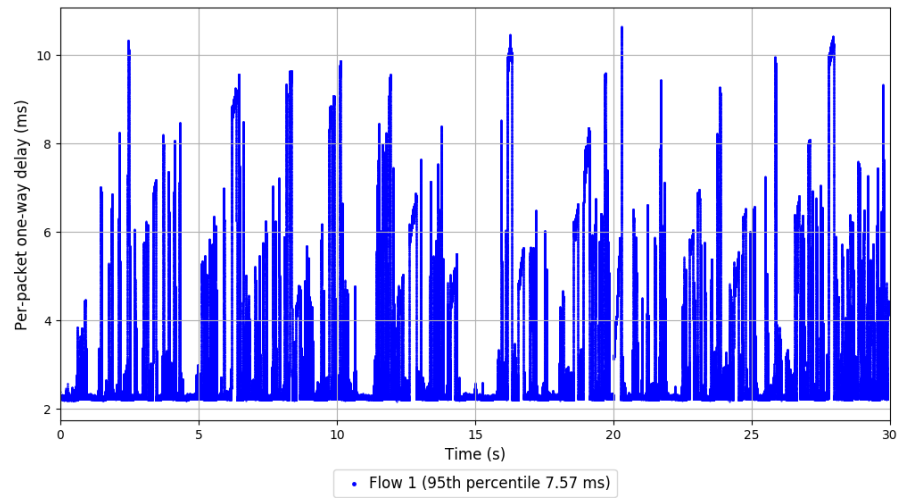
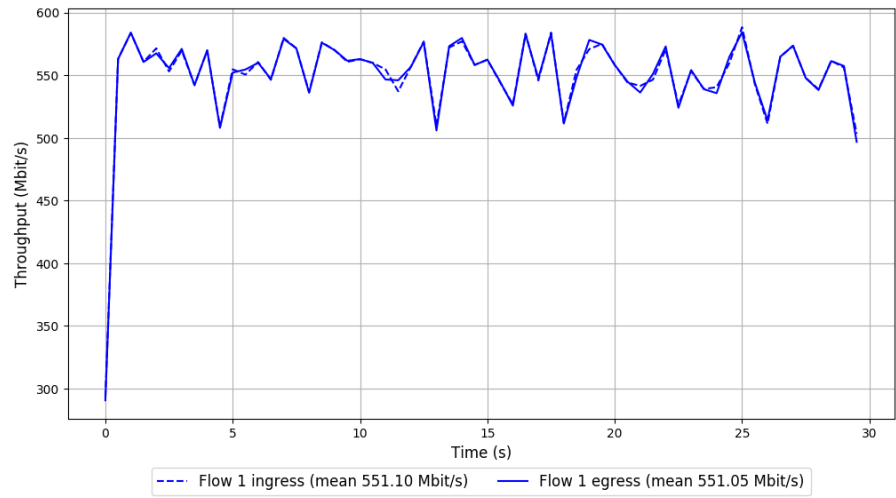
-- Flow 1:

Average throughput: 551.05 Mbit/s

95th percentile per-packet one-way delay: 7.569 ms

Loss rate: 0.03%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-12-05 11:03:38

End at: 2017-12-05 11:04:08

Local clock offset: -0.309 ms

Remote clock offset: 0.753 ms

Below is generated by plot.py at 2017-12-05 16:30:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 515.54 Mbit/s

95th percentile per-packet one-way delay: 20.877 ms

Loss rate: 0.02%

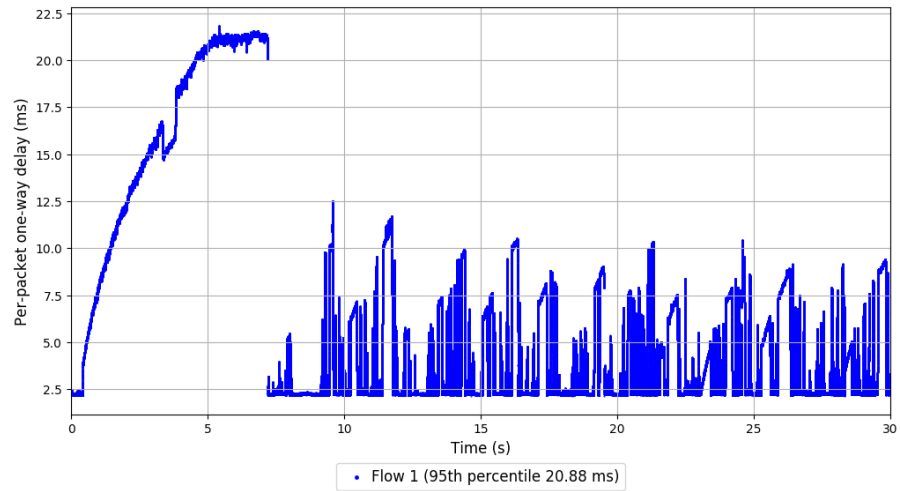
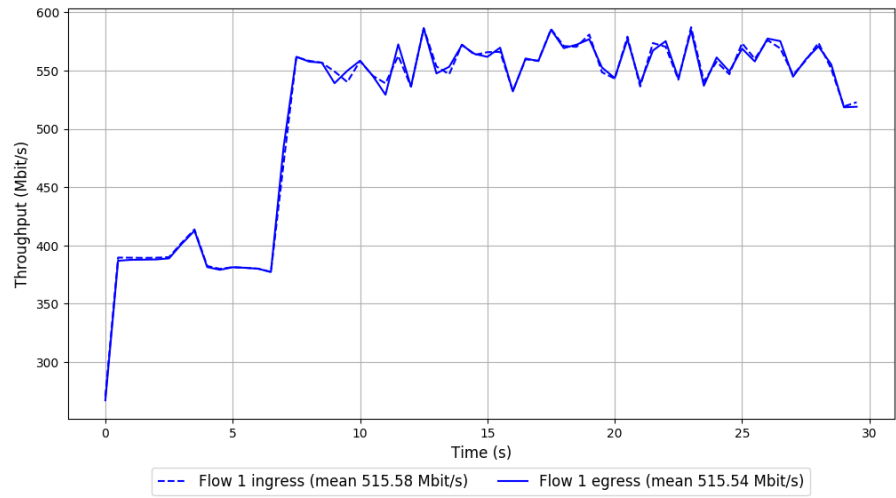
-- Flow 1:

Average throughput: 515.54 Mbit/s

95th percentile per-packet one-way delay: 20.877 ms

Loss rate: 0.02%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-12-05 11:21:30

End at: 2017-12-05 11:22:00

Local clock offset: -0.2 ms

Remote clock offset: 0.819 ms

Below is generated by plot.py at 2017-12-05 16:32:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 569.98 Mbit/s

95th percentile per-packet one-way delay: 7.493 ms

Loss rate: 0.03%

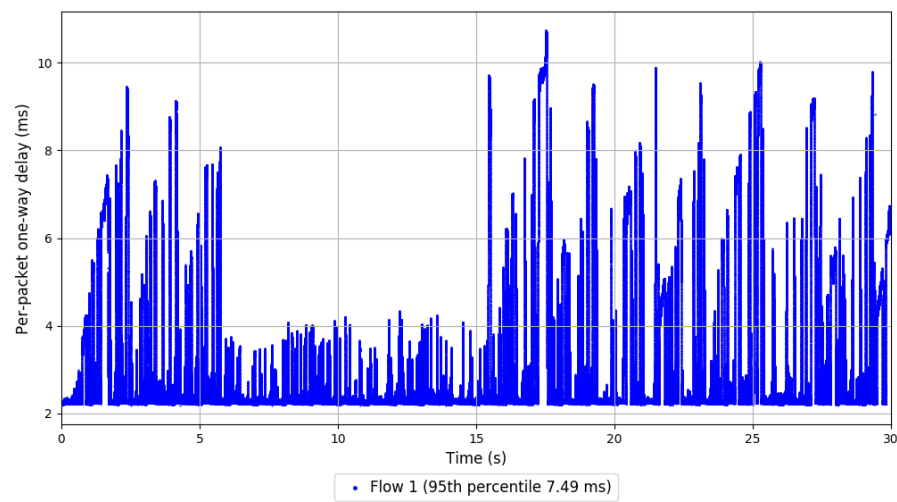
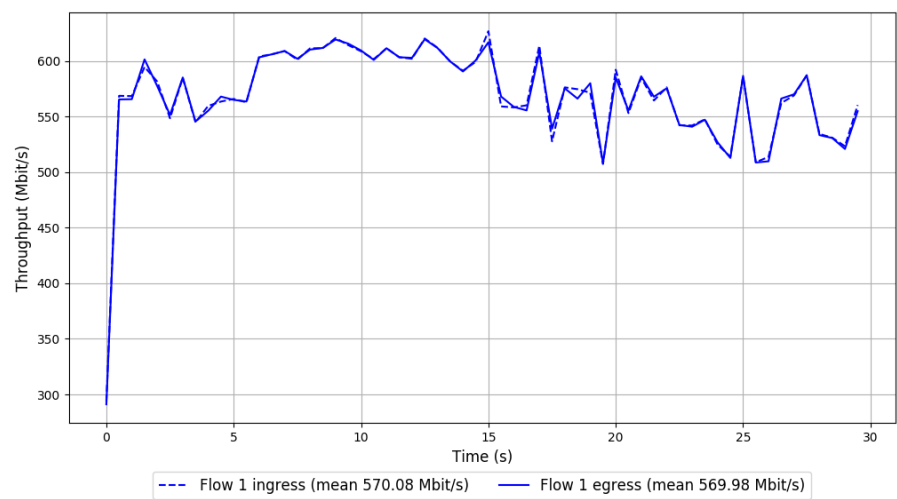
-- Flow 1:

Average throughput: 569.98 Mbit/s

95th percentile per-packet one-way delay: 7.493 ms

Loss rate: 0.03%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-12-05 11:39:43

End at: 2017-12-05 11:40:13

Local clock offset: -0.226 ms

Remote clock offset: 0.821 ms

Below is generated by plot.py at 2017-12-05 16:33:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 409.91 Mbit/s

95th percentile per-packet one-way delay: 2.953 ms

Loss rate: 0.03%

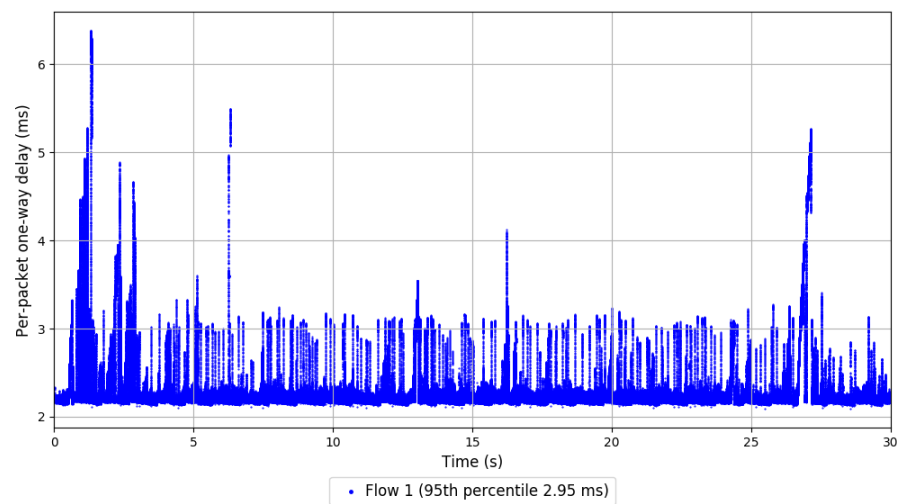
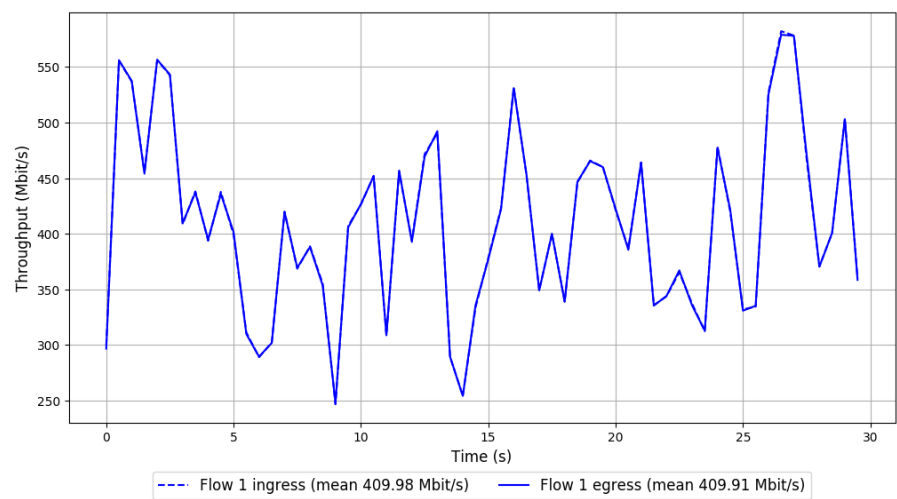
-- Flow 1:

Average throughput: 409.91 Mbit/s

95th percentile per-packet one-way delay: 2.953 ms

Loss rate: 0.03%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-12-05 11:57:40

End at: 2017-12-05 11:58:10

Local clock offset: -0.164 ms

Remote clock offset: 0.664 ms

Below is generated by plot.py at 2017-12-05 16:35:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 538.75 Mbit/s

95th percentile per-packet one-way delay: 5.956 ms

Loss rate: 0.03%

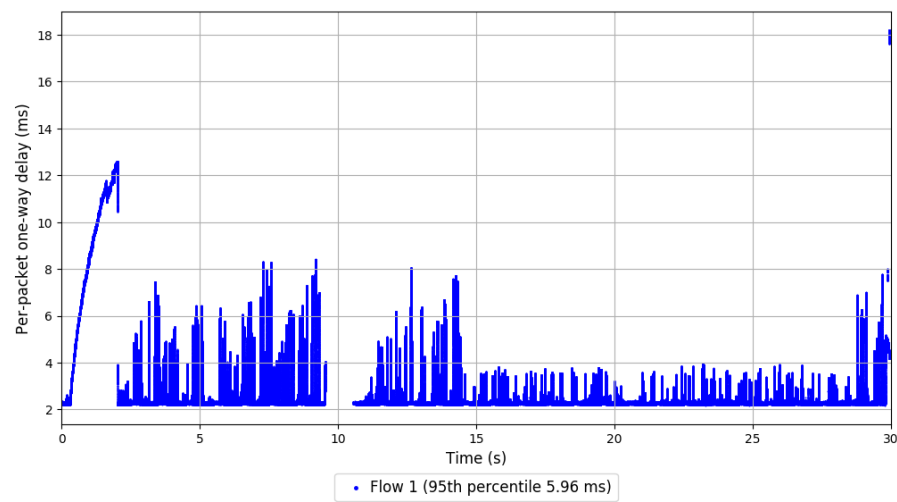
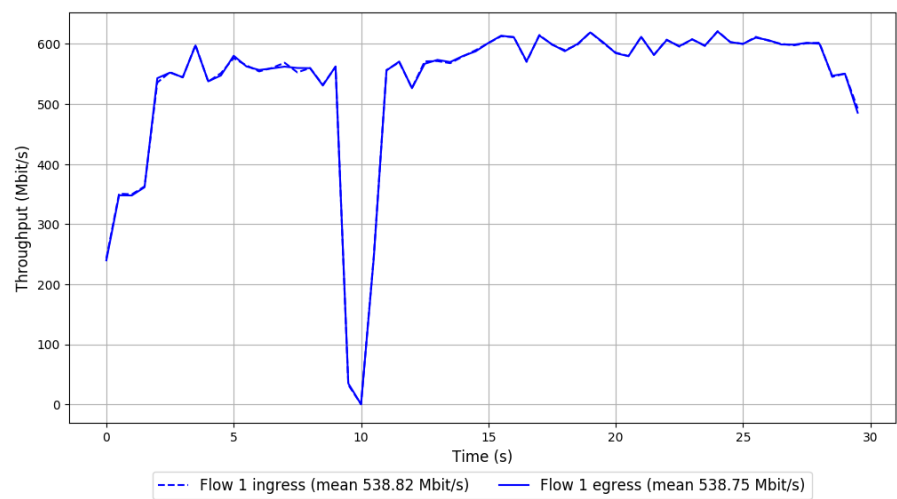
-- Flow 1:

Average throughput: 538.75 Mbit/s

95th percentile per-packet one-way delay: 5.956 ms

Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-12-05 12:16:04

End at: 2017-12-05 12:16:34

Local clock offset: -0.226 ms

Remote clock offset: 0.366 ms

Below is generated by plot.py at 2017-12-05 16:35:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 522.98 Mbit/s

95th percentile per-packet one-way delay: 9.157 ms

Loss rate: 0.01%

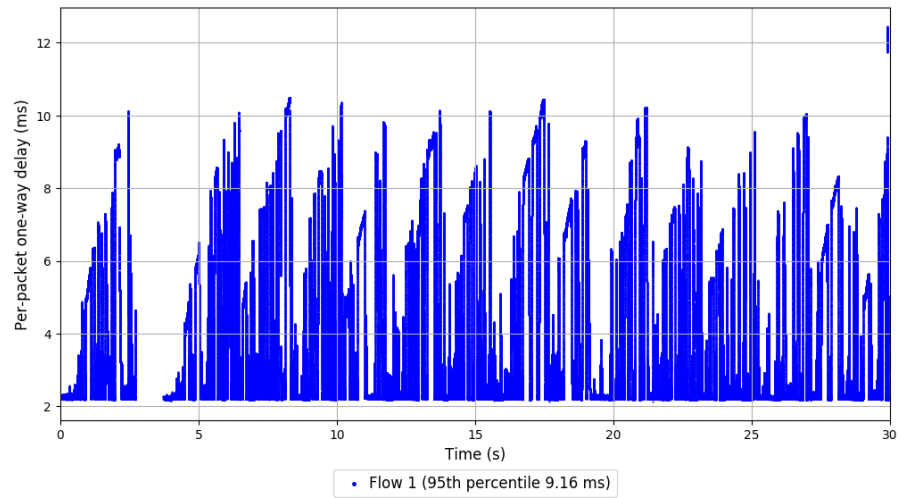
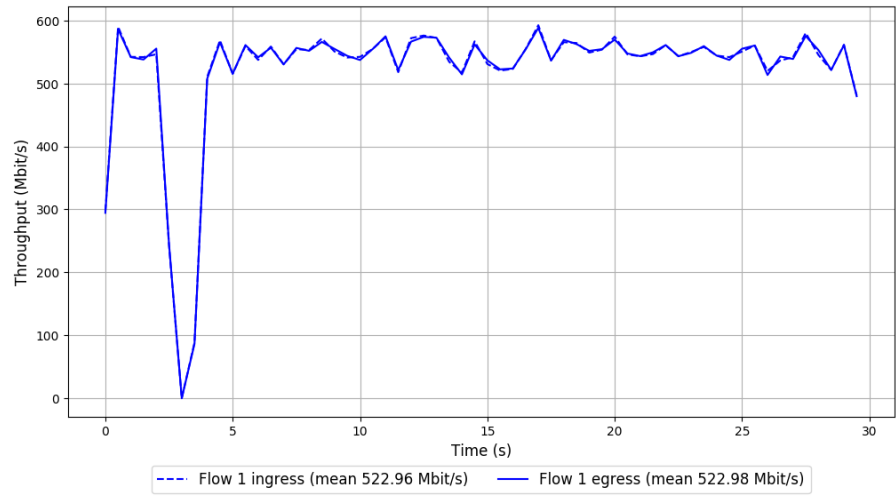
-- Flow 1:

Average throughput: 522.98 Mbit/s

95th percentile per-packet one-way delay: 9.157 ms

Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-12-05 12:33:58

End at: 2017-12-05 12:34:28

Local clock offset: -0.161 ms

Remote clock offset: 0.167 ms

Below is generated by plot.py at 2017-12-05 16:36:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 538.24 Mbit/s

95th percentile per-packet one-way delay: 15.961 ms

Loss rate: 0.05%

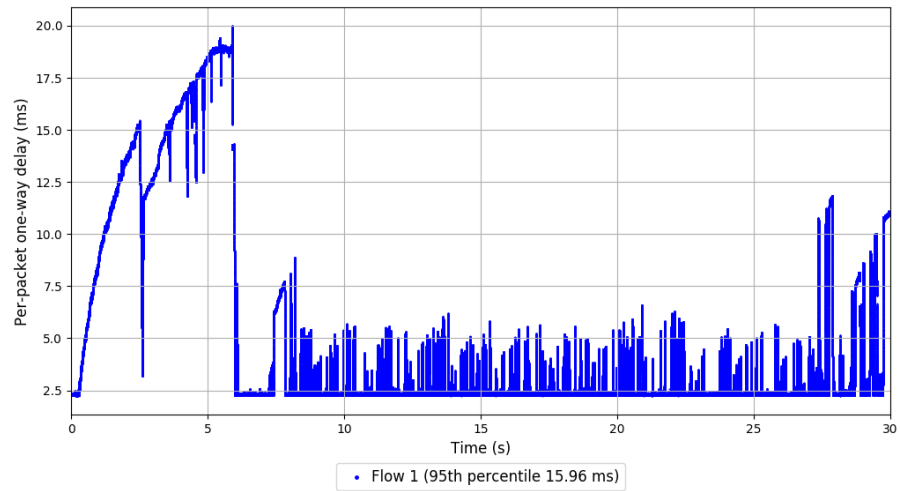
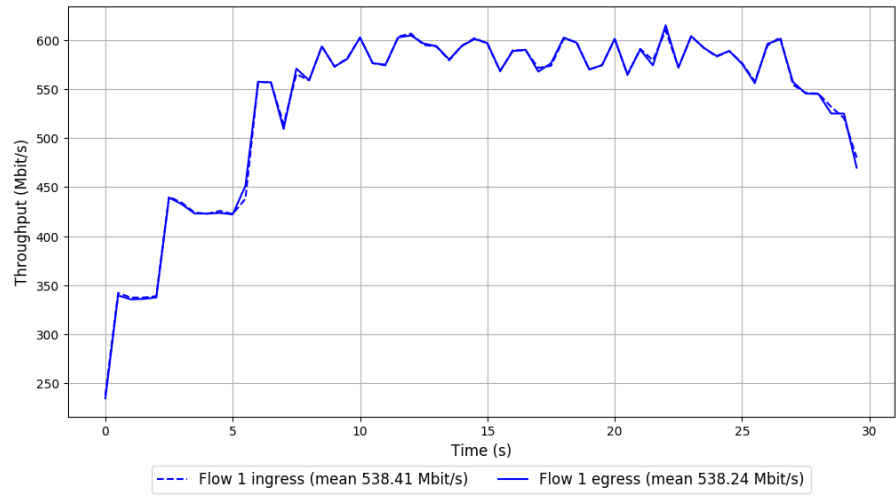
-- Flow 1:

Average throughput: 538.24 Mbit/s

95th percentile per-packet one-way delay: 15.961 ms

Loss rate: 0.05%

Run 10: Report of LEDBAT — Data Link

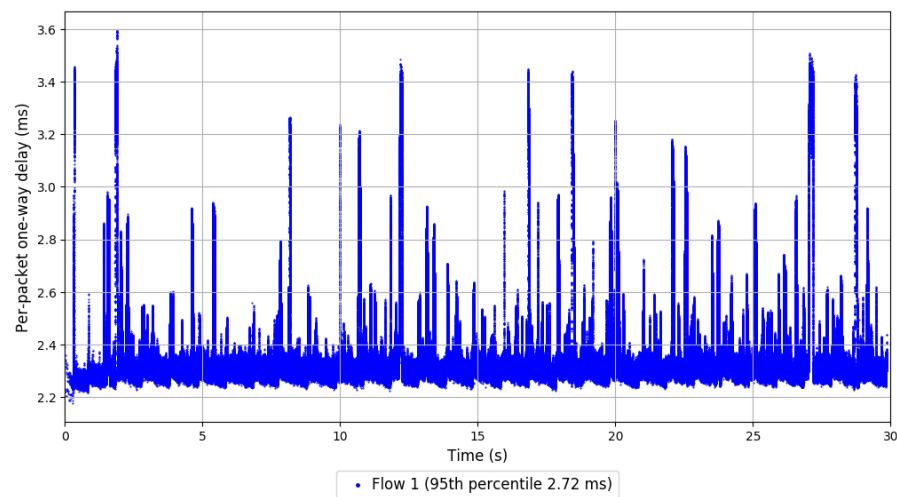
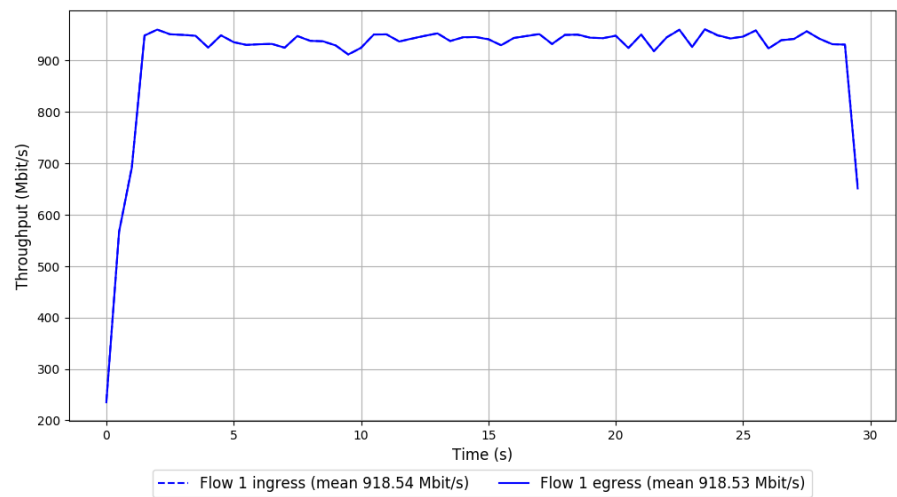


```
Run 1: Statistics of PCC

Start at: 2017-12-05 09:58:31
End at: 2017-12-05 09:59:01
Local clock offset: -0.455 ms
Remote clock offset: 0.155 ms

# Below is generated by plot.py at 2017-12-05 16:43:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 918.53 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 918.53 Mbit/s
95th percentile per-packet one-way delay: 2.724 ms
Loss rate: 0.02%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-12-05 10:16:49

End at: 2017-12-05 10:17:19

Local clock offset: -0.341 ms

Remote clock offset: 0.429 ms

Below is generated by plot.py at 2017-12-05 16:43:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 907.87 Mbit/s

95th percentile per-packet one-way delay: 63.722 ms

Loss rate: 0.59%

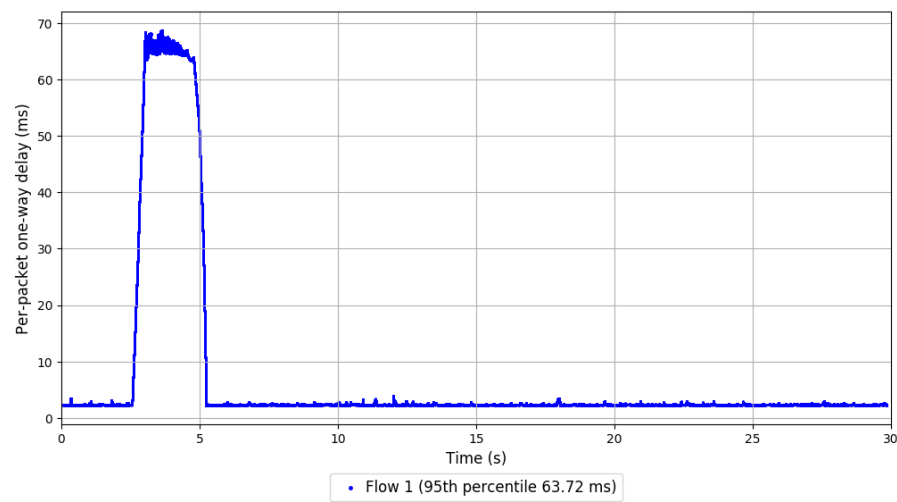
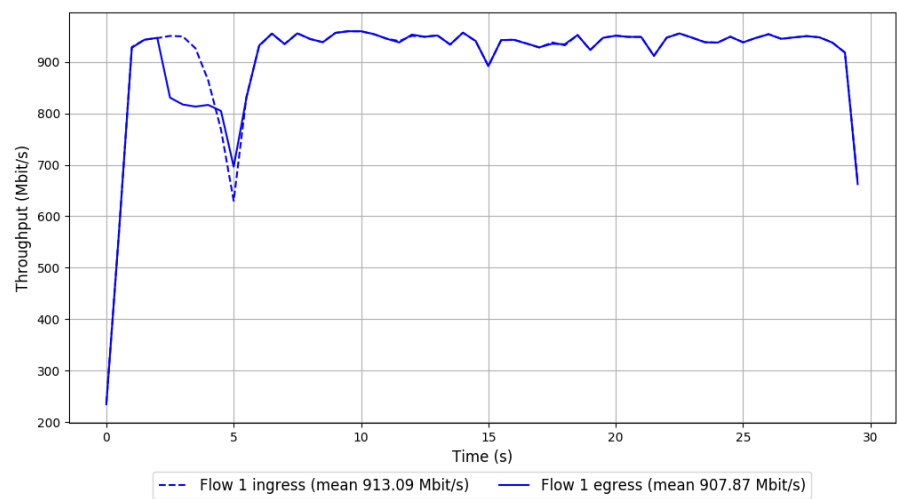
-- Flow 1:

Average throughput: 907.87 Mbit/s

95th percentile per-packet one-way delay: 63.722 ms

Loss rate: 0.59%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-12-05 10:34:57

End at: 2017-12-05 10:35:27

Local clock offset: -0.248 ms

Remote clock offset: 0.651 ms

Below is generated by plot.py at 2017-12-05 16:43:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 900.32 Mbit/s

95th percentile per-packet one-way delay: 2.912 ms

Loss rate: 0.66%

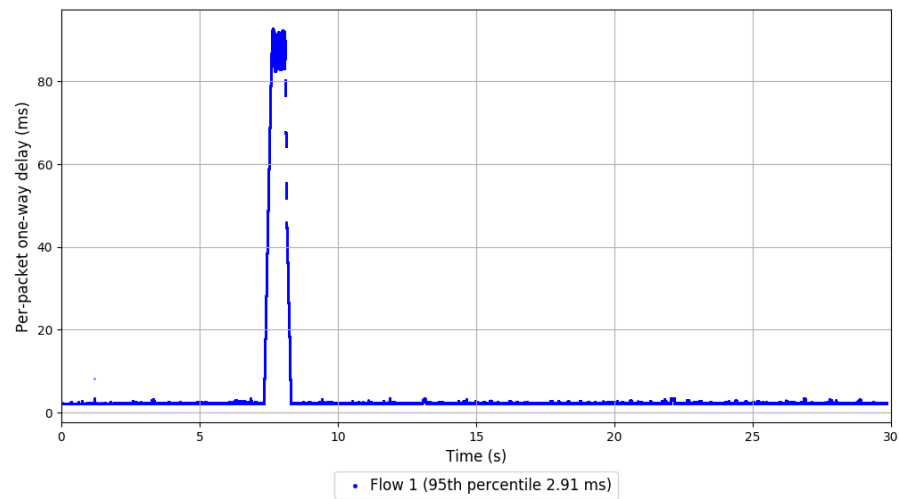
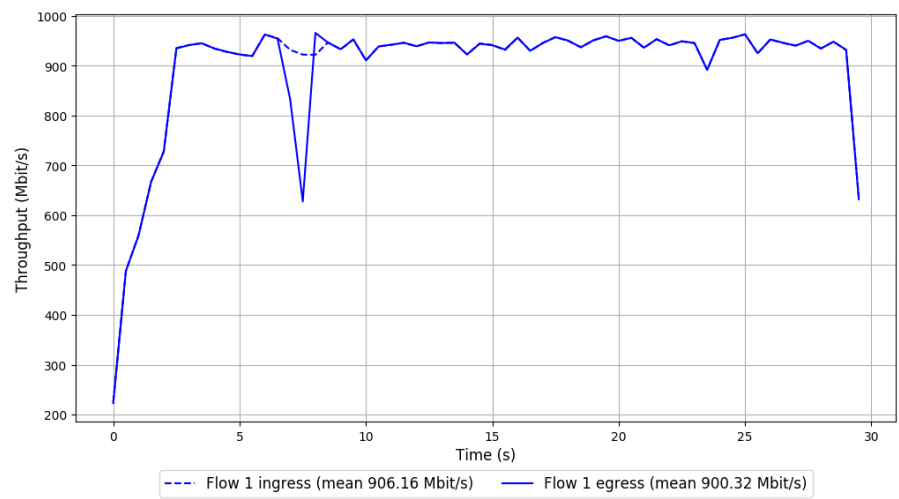
-- Flow 1:

Average throughput: 900.32 Mbit/s

95th percentile per-packet one-way delay: 2.912 ms

Loss rate: 0.66%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-12-05 10:53:19

End at: 2017-12-05 10:53:49

Local clock offset: -0.233 ms

Remote clock offset: 0.8 ms

Below is generated by plot.py at 2017-12-05 16:46:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 922.85 Mbit/s

95th percentile per-packet one-way delay: 3.150 ms

Loss rate: 1.02%

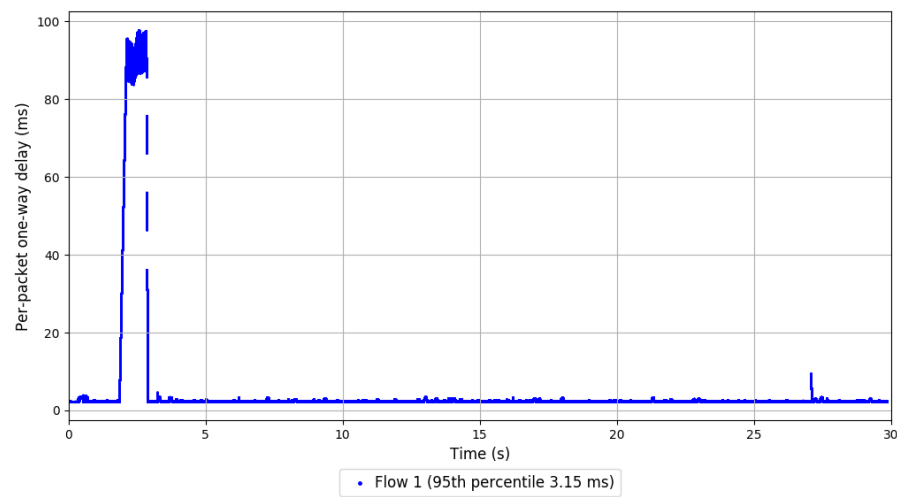
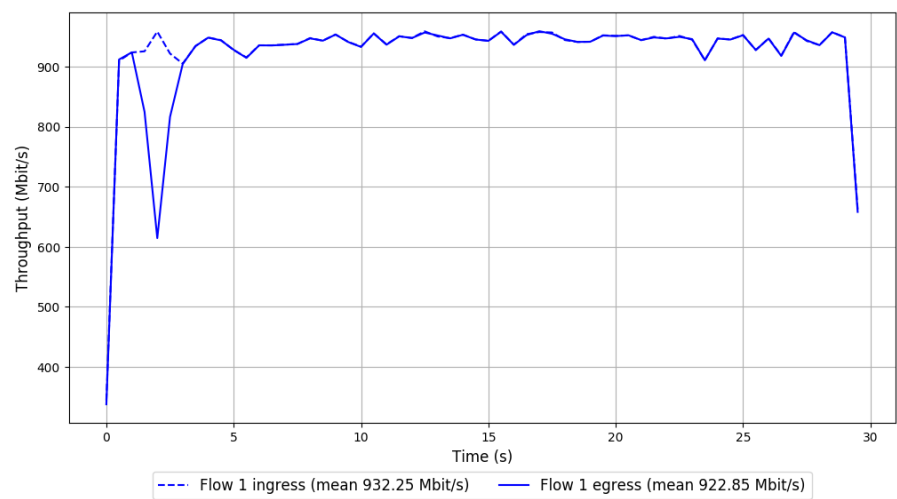
-- Flow 1:

Average throughput: 922.85 Mbit/s

95th percentile per-packet one-way delay: 3.150 ms

Loss rate: 1.02%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-12-05 11:11:29

End at: 2017-12-05 11:12:00

Local clock offset: -0.224 ms

Remote clock offset: 0.819 ms

Below is generated by plot.py at 2017-12-05 16:47:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 921.03 Mbit/s

95th percentile per-packet one-way delay: 2.649 ms

Loss rate: 0.01%

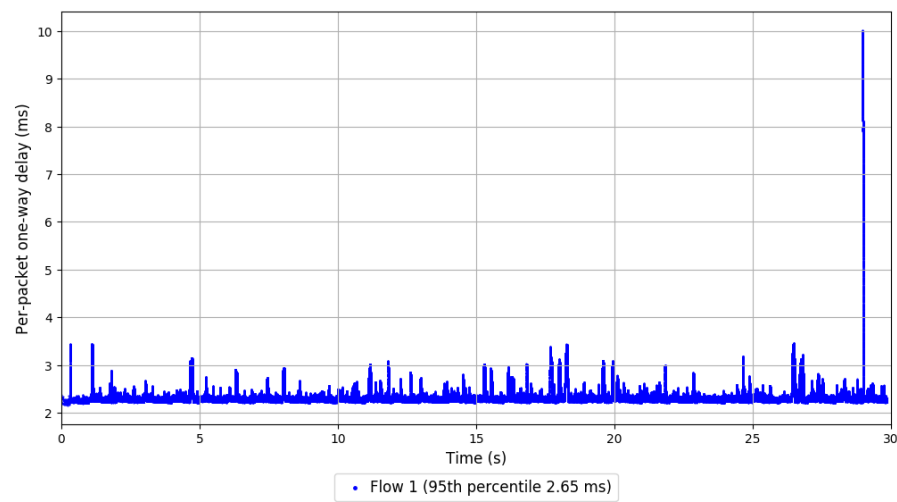
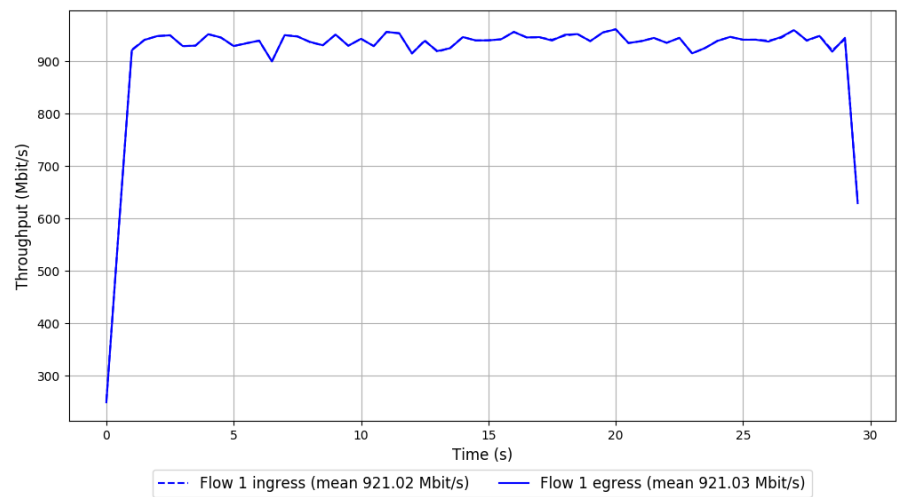
-- Flow 1:

Average throughput: 921.03 Mbit/s

95th percentile per-packet one-way delay: 2.649 ms

Loss rate: 0.01%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-12-05 11:29:19

End at: 2017-12-05 11:29:49

Local clock offset: -0.171 ms

Remote clock offset: 0.804 ms

Below is generated by plot.py at 2017-12-05 16:49:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 925.30 Mbit/s

95th percentile per-packet one-way delay: 2.474 ms

Loss rate: 0.02%

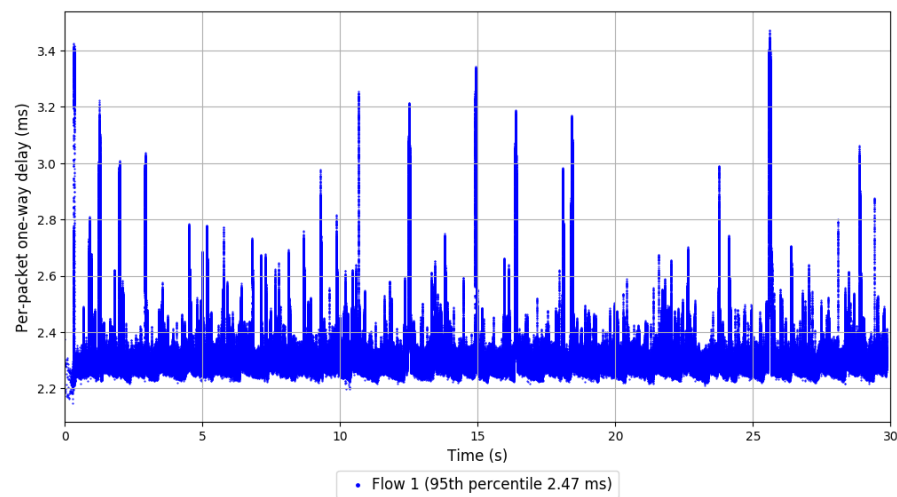
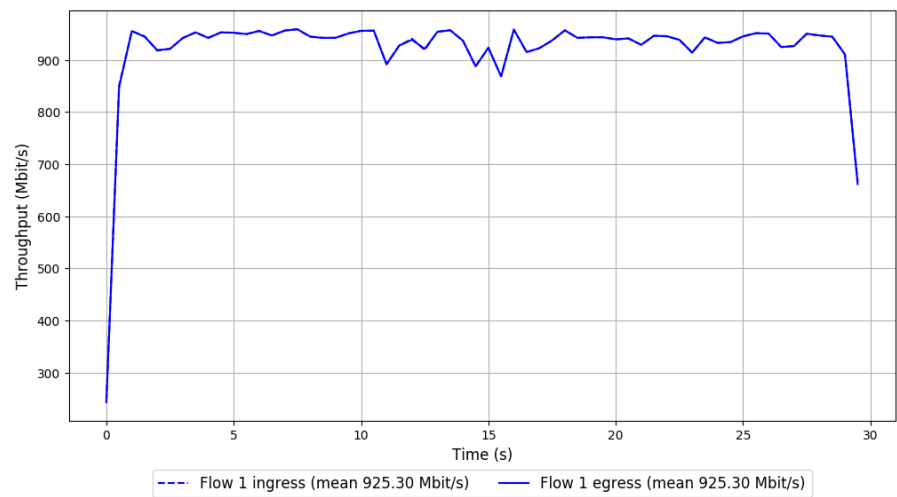
-- Flow 1:

Average throughput: 925.30 Mbit/s

95th percentile per-packet one-way delay: 2.474 ms

Loss rate: 0.02%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-12-05 11:47:25

End at: 2017-12-05 11:47:55

Local clock offset: -0.16 ms

Remote clock offset: 0.739 ms

Below is generated by plot.py at 2017-12-05 16:49:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 920.30 Mbit/s

95th percentile per-packet one-way delay: 2.609 ms

Loss rate: 0.02%

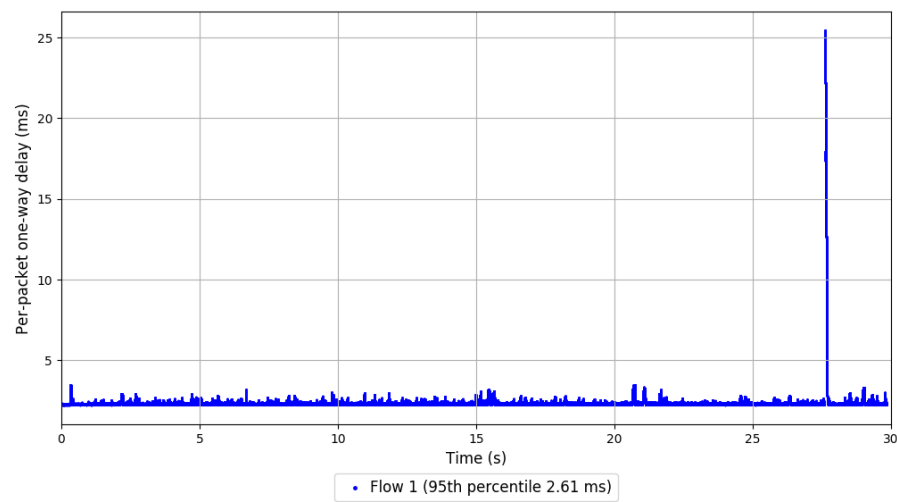
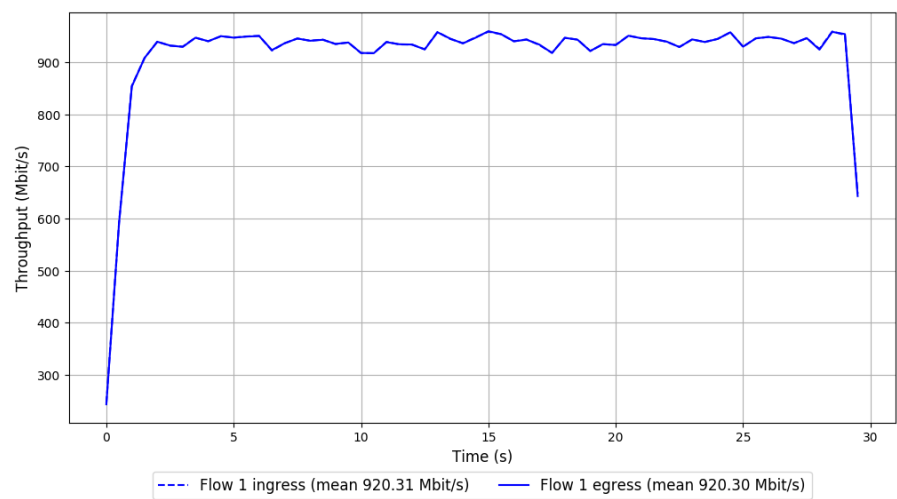
-- Flow 1:

Average throughput: 920.30 Mbit/s

95th percentile per-packet one-way delay: 2.609 ms

Loss rate: 0.02%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-12-05 12:05:28

End at: 2017-12-05 12:05:58

Local clock offset: -0.163 ms

Remote clock offset: 0.577 ms

Below is generated by plot.py at 2017-12-05 16:50:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 903.00 Mbit/s

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

Loss rate: 0.02%

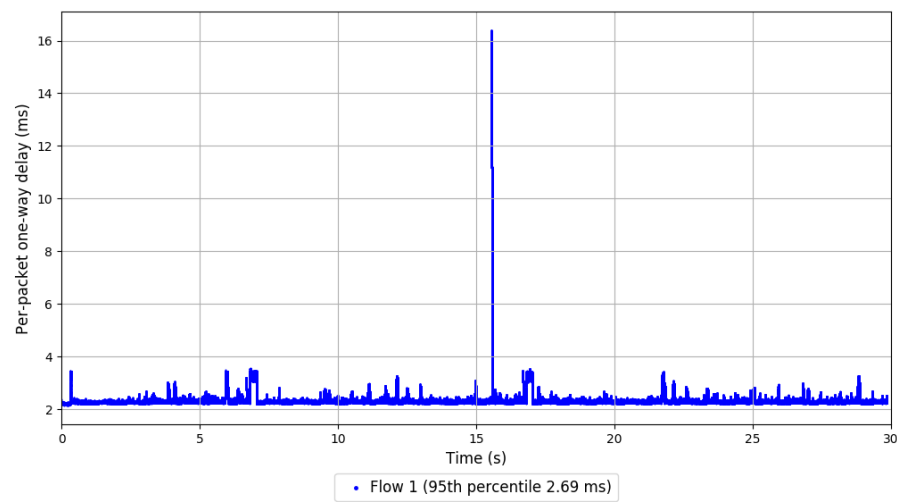
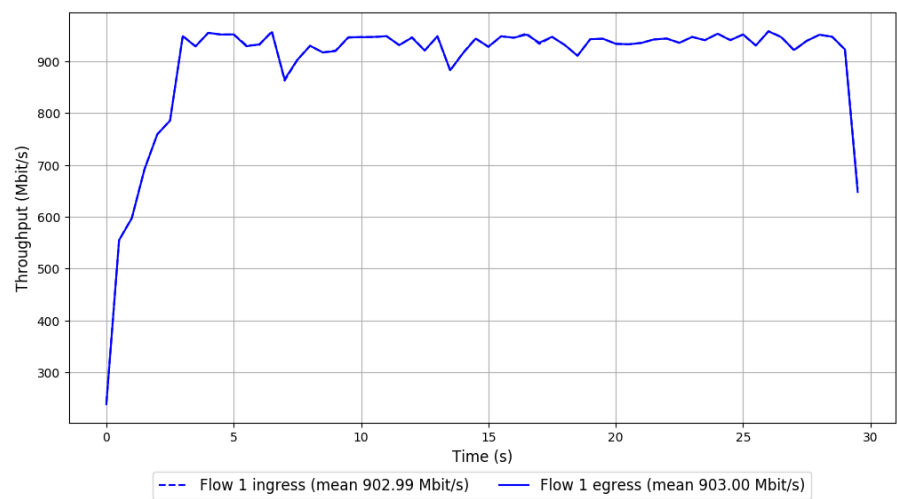
-- Flow 1:

Average throughput: 903.00 Mbit/s

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

Loss rate: 0.02%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-12-05 12:23:55

End at: 2017-12-05 12:24:25

Local clock offset: -0.155 ms

Remote clock offset: 0.325 ms

Below is generated by plot.py at 2017-12-05 16:57:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 917.82 Mbit/s

95th percentile per-packet one-way delay: 2.694 ms

Loss rate: 0.02%

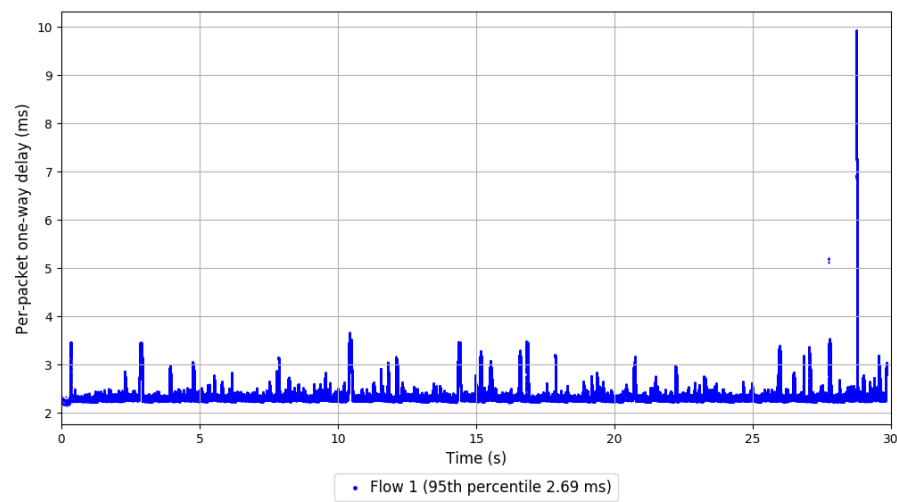
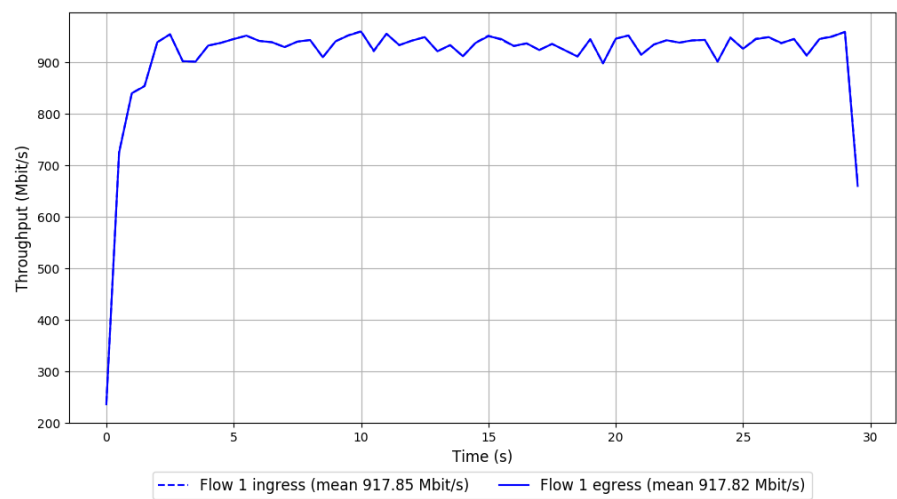
-- Flow 1:

Average throughput: 917.82 Mbit/s

95th percentile per-packet one-way delay: 2.694 ms

Loss rate: 0.02%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-12-05 12:41:45

End at: 2017-12-05 12:42:15

Local clock offset: -0.163 ms

Remote clock offset: 0.138 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 924.53 Mbit/s

95th percentile per-packet one-way delay: 2.746 ms

Loss rate: 0.02%

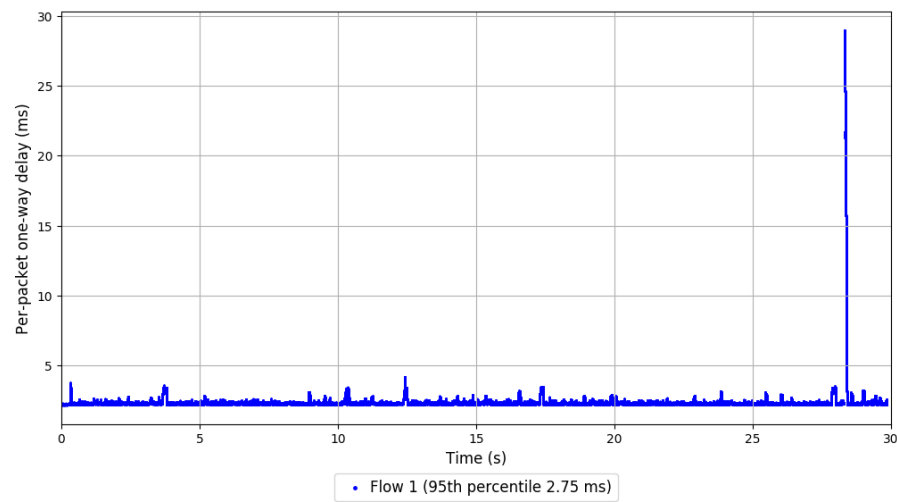
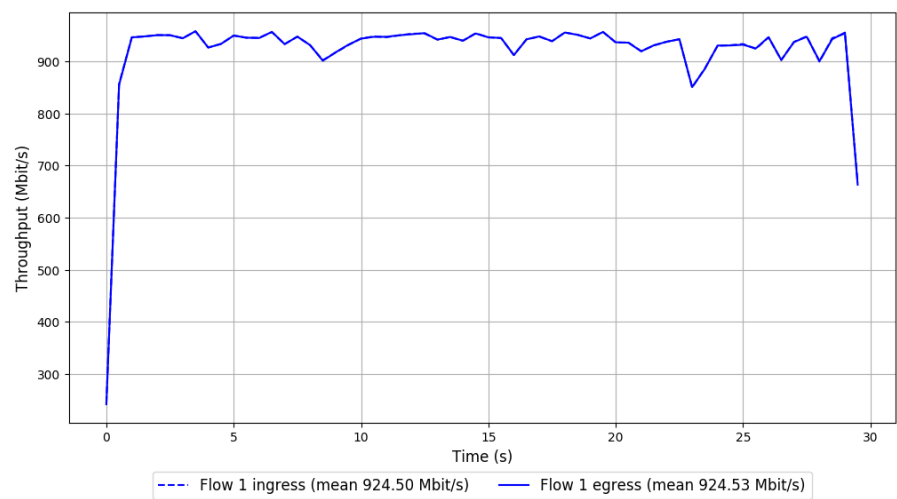
-- Flow 1:

Average throughput: 924.53 Mbit/s

95th percentile per-packet one-way delay: 2.746 ms

Loss rate: 0.02%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-12-05 09:53:16

End at: 2017-12-05 09:53:46

Local clock offset: -0.622 ms

Remote clock offset: 0.026 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.17 Mbit/s

95th percentile per-packet one-way delay: 2.232 ms

Loss rate: 0.02%

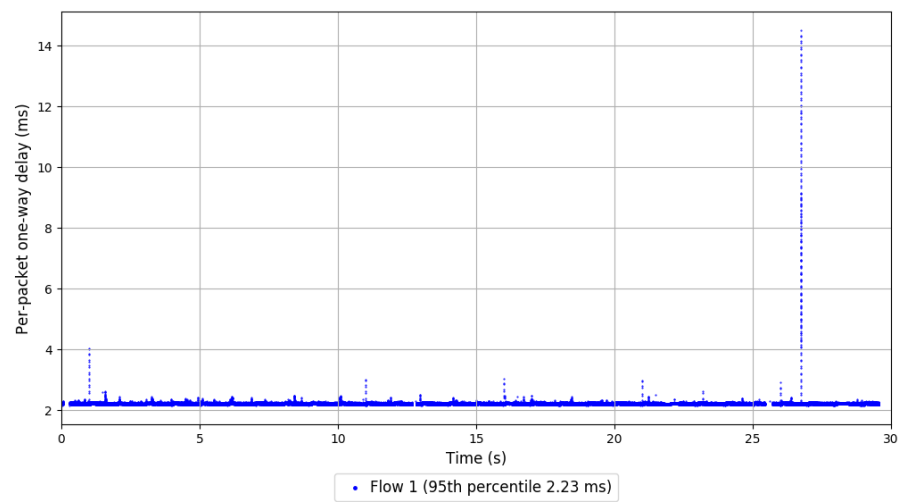
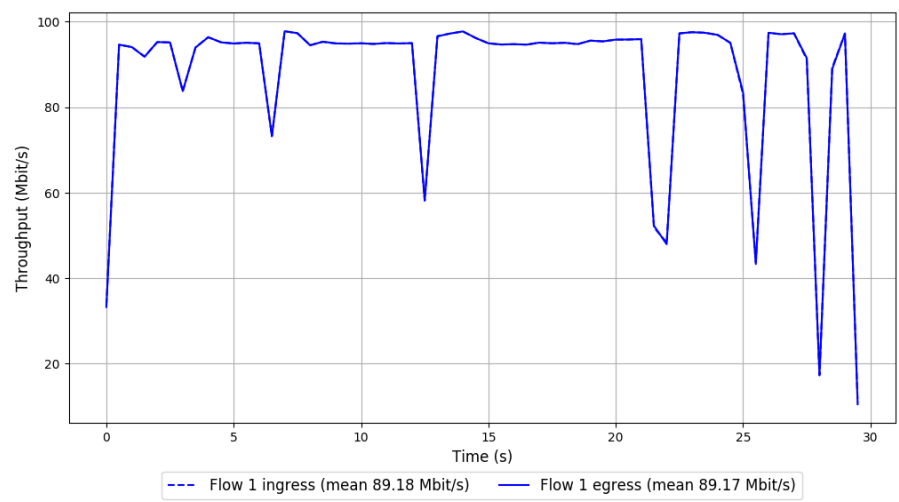
-- Flow 1:

Average throughput: 89.17 Mbit/s

95th percentile per-packet one-way delay: 2.232 ms

Loss rate: 0.02%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-12-05 10:11:32

End at: 2017-12-05 10:12:02

Local clock offset: -0.438 ms

Remote clock offset: 0.374 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.53 Mbit/s

95th percentile per-packet one-way delay: 2.238 ms

Loss rate: 0.01%

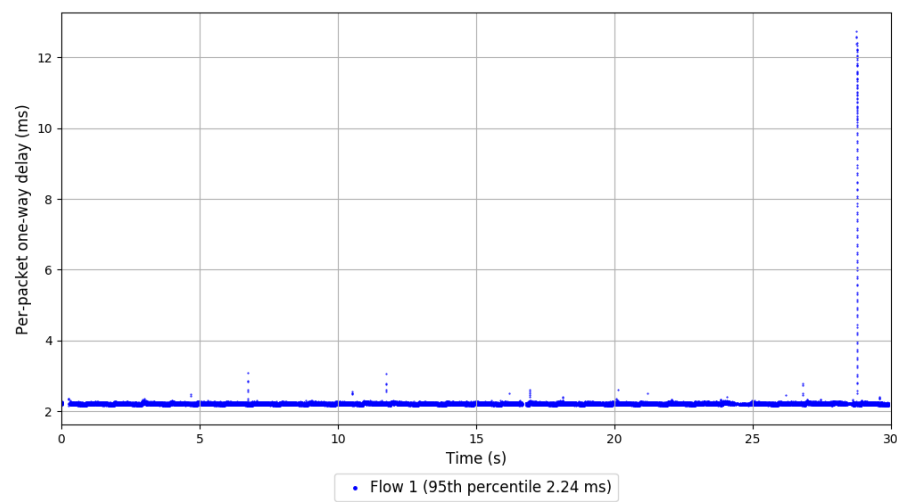
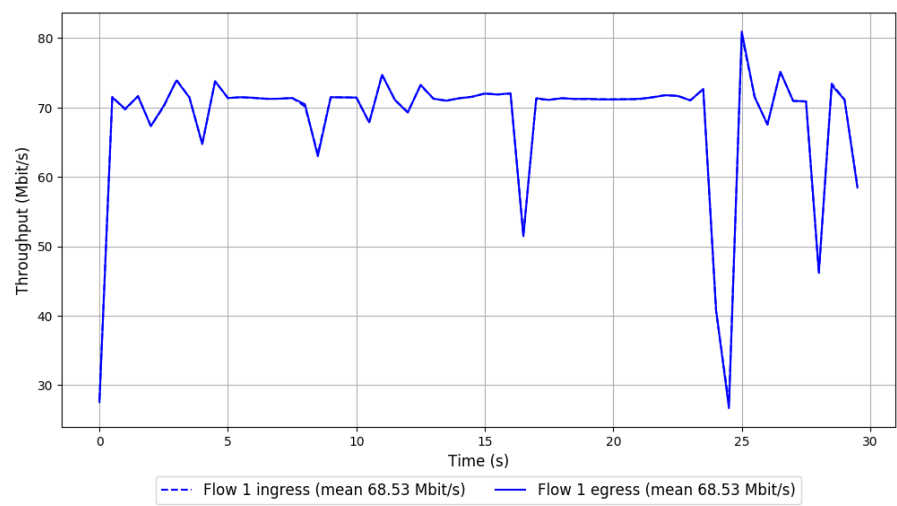
-- Flow 1:

Average throughput: 68.53 Mbit/s

95th percentile per-packet one-way delay: 2.238 ms

Loss rate: 0.01%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-12-05 10:29:48

End at: 2017-12-05 10:30:18

Local clock offset: -0.256 ms

Remote clock offset: 0.588 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.87 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

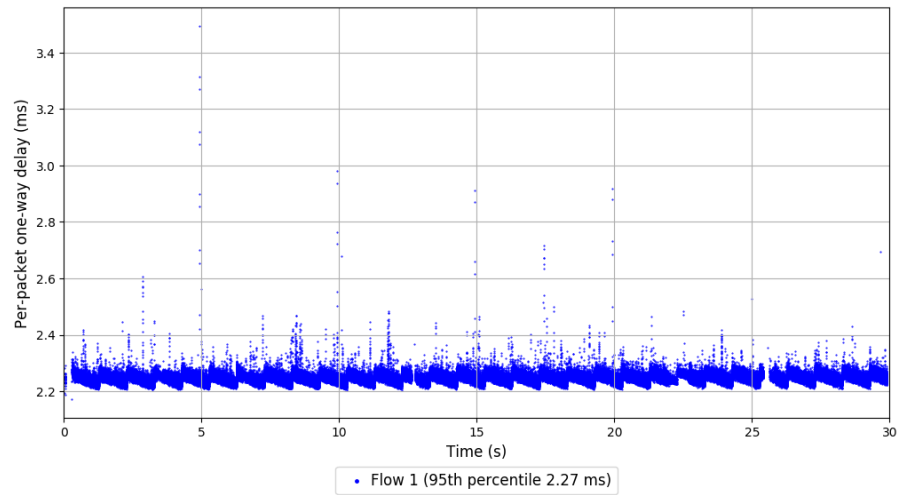
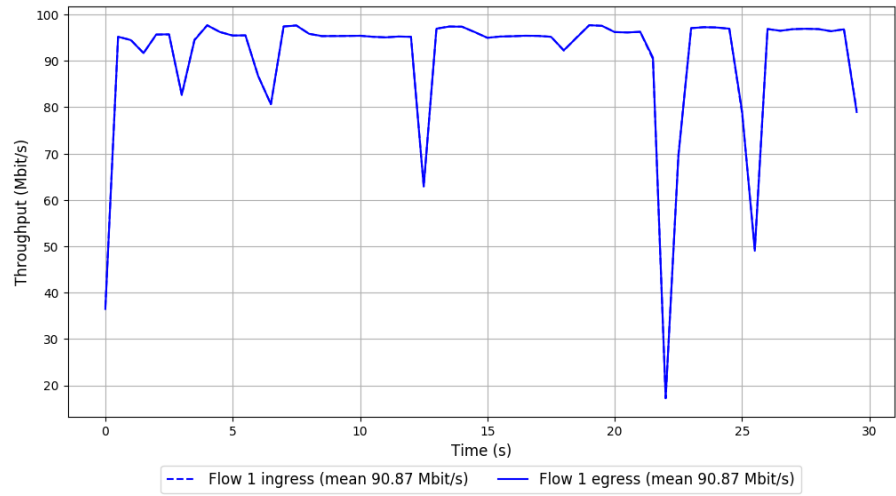
-- Flow 1:

Average throughput: 90.87 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-12-05 10:48:06

End at: 2017-12-05 10:48:36

Local clock offset: -0.239 ms

Remote clock offset: 0.824 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.47 Mbit/s

95th percentile per-packet one-way delay: 2.256 ms

Loss rate: 0.02%

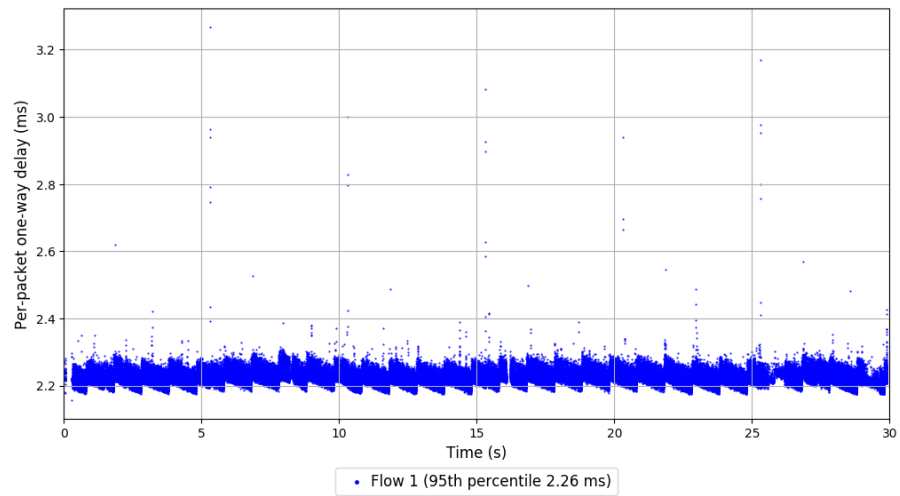
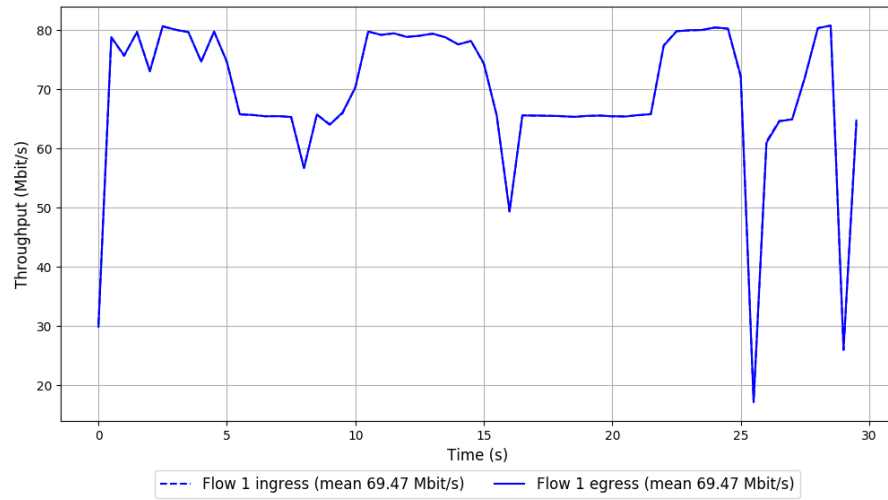
-- Flow 1:

Average throughput: 69.47 Mbit/s

95th percentile per-packet one-way delay: 2.256 ms

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-12-05 11:06:12

End at: 2017-12-05 11:06:42

Local clock offset: -0.23 ms

Remote clock offset: 0.845 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.64 Mbit/s

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

Loss rate: 0.02%

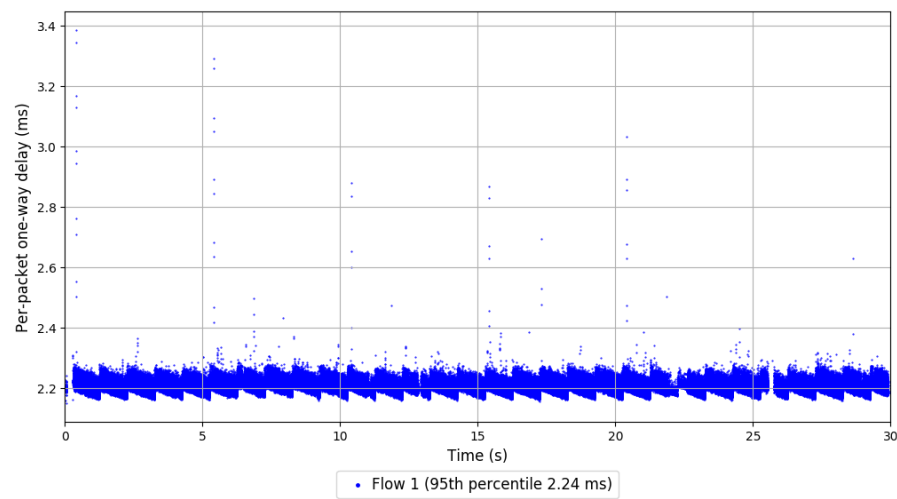
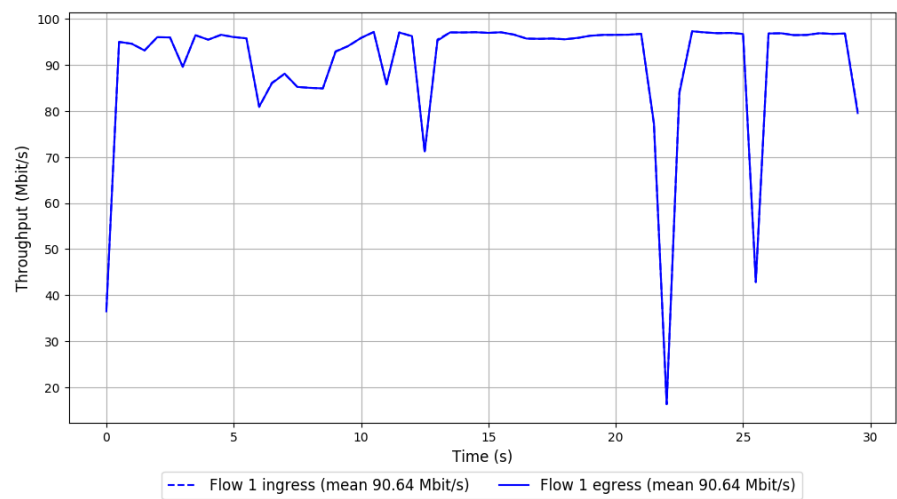
-- Flow 1:

Average throughput: 90.64 Mbit/s

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

Loss rate: 0.02%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-12-05 11:24:04

End at: 2017-12-05 11:24:34

Local clock offset: -0.189 ms

Remote clock offset: 0.763 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.63 Mbit/s

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

Loss rate: 0.02%

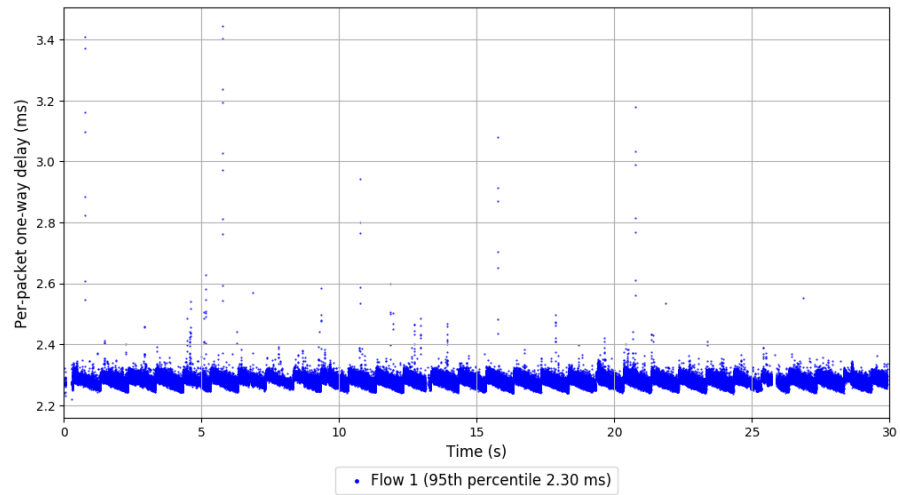
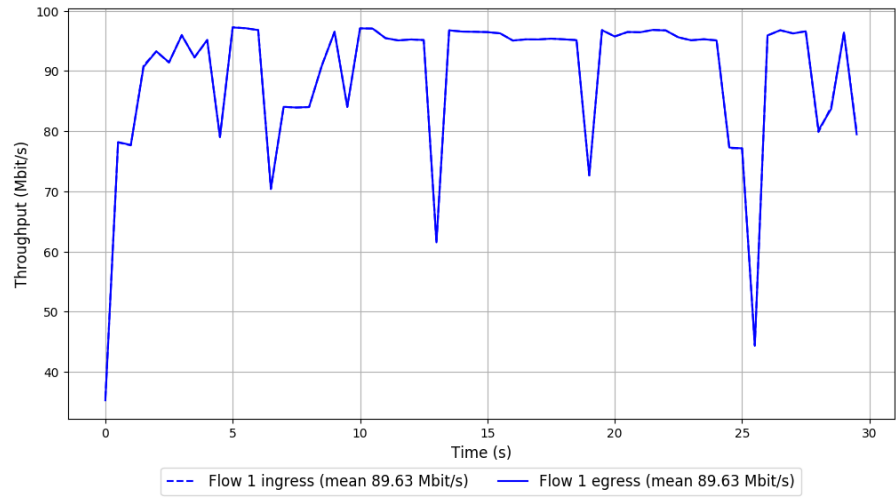
-- Flow 1:

Average throughput: 89.63 Mbit/s

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

Loss rate: 0.02%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-12-05 11:42:10

End at: 2017-12-05 11:42:40

Local clock offset: -0.161 ms

Remote clock offset: 0.796 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.44 Mbit/s

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

Loss rate: 0.01%

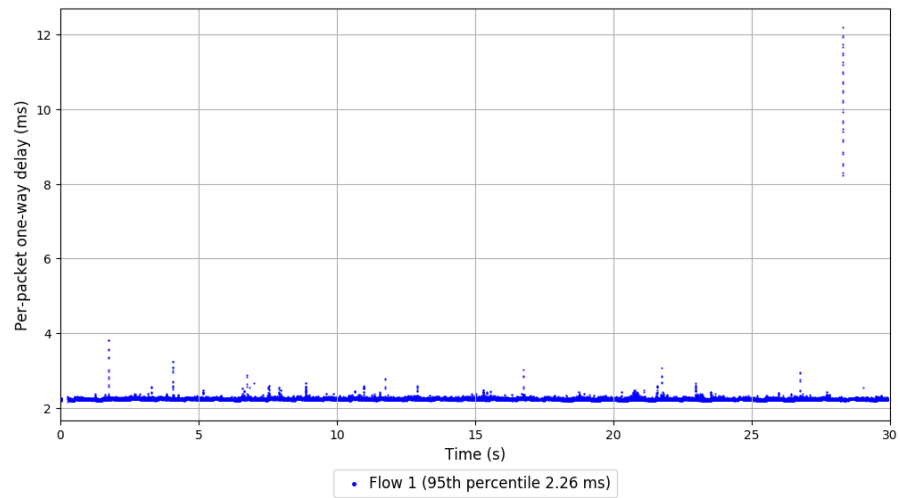
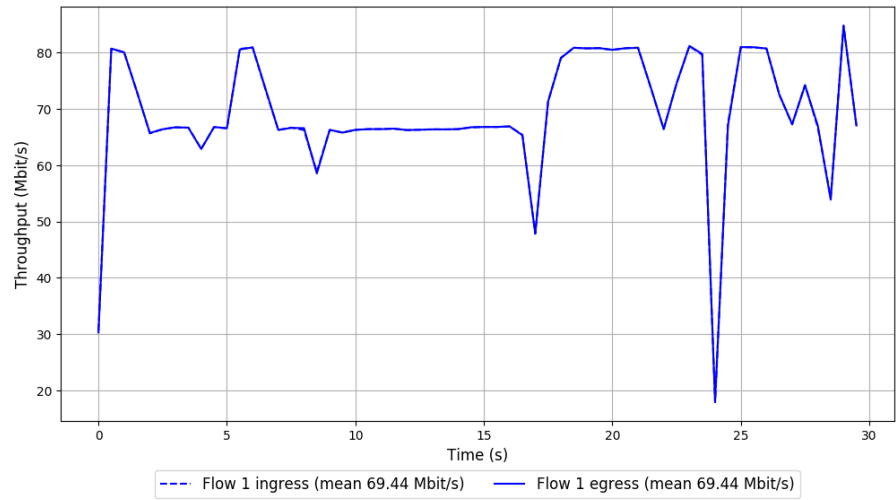
-- Flow 1:

Average throughput: 69.44 Mbit/s

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

Loss rate: 0.01%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-12-05 12:00:12

End at: 2017-12-05 12:00:42

Local clock offset: -0.175 ms

Remote clock offset: 0.633 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.84 Mbit/s

95th percentile per-packet one-way delay: 2.247 ms

Loss rate: 0.02%

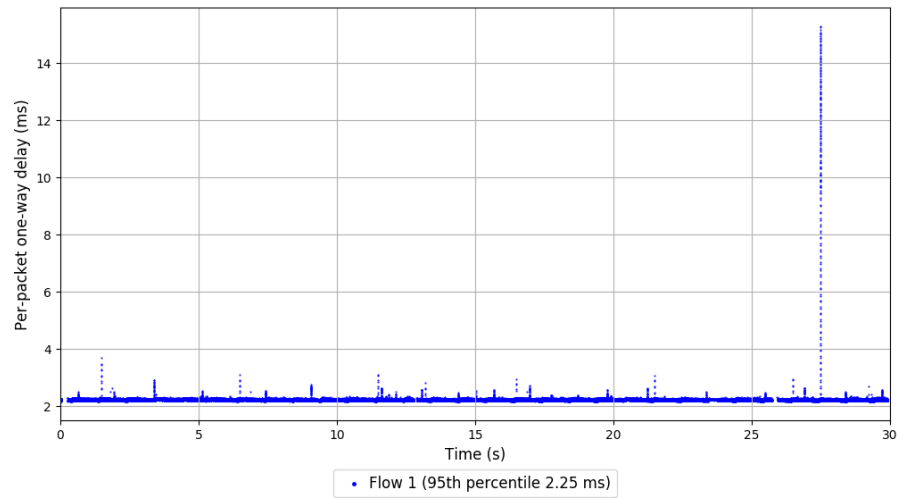
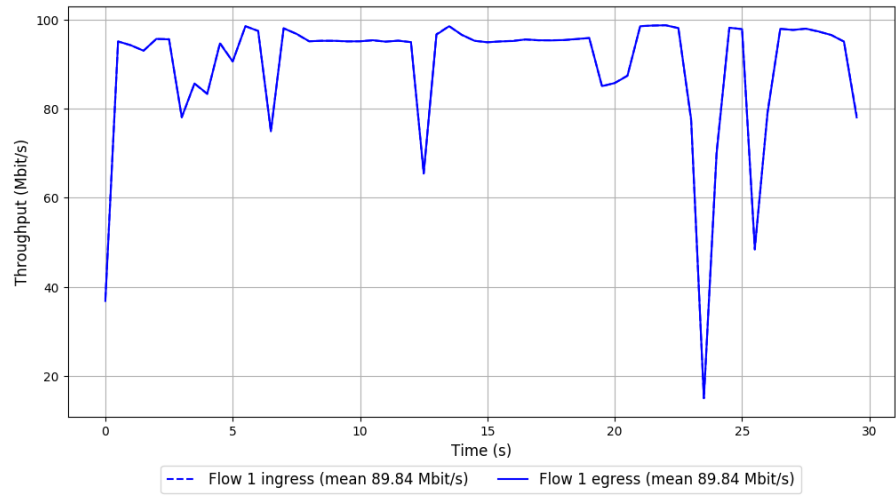
-- Flow 1:

Average throughput: 89.84 Mbit/s

95th percentile per-packet one-way delay: 2.247 ms

Loss rate: 0.02%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-12-05 12:18:38

End at: 2017-12-05 12:19:08

Local clock offset: -0.218 ms

Remote clock offset: 0.328 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 2.257 ms

Loss rate: 0.02%

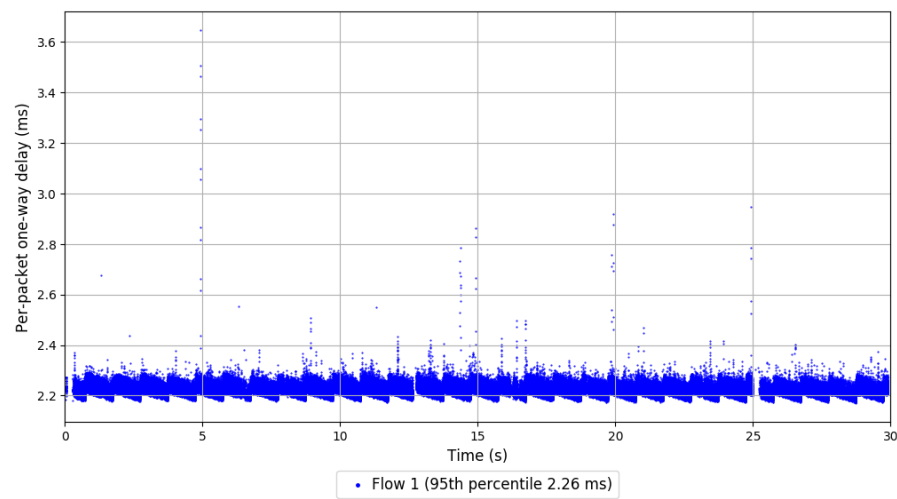
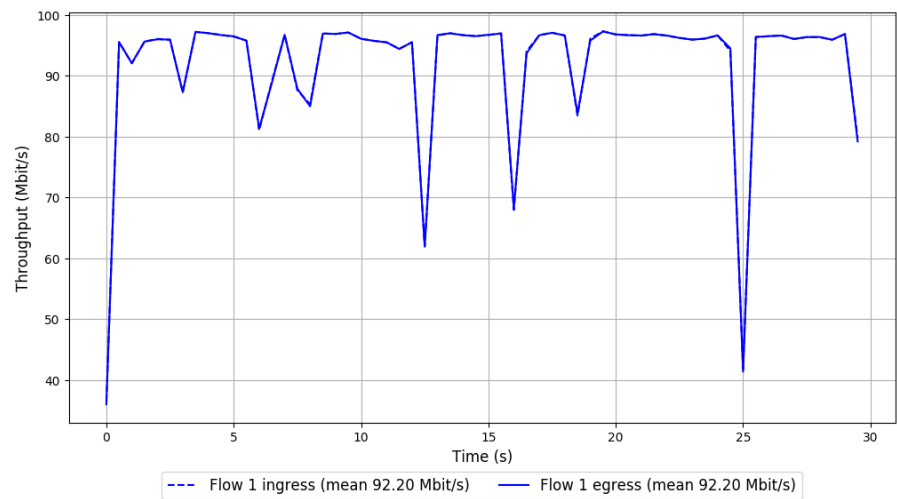
-- Flow 1:

Average throughput: 92.20 Mbit/s

95th percentile per-packet one-way delay: 2.257 ms

Loss rate: 0.02%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-12-05 12:36:30

End at: 2017-12-05 12:37:00

Local clock offset: -0.158 ms

Remote clock offset: 0.191 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.57 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.02%

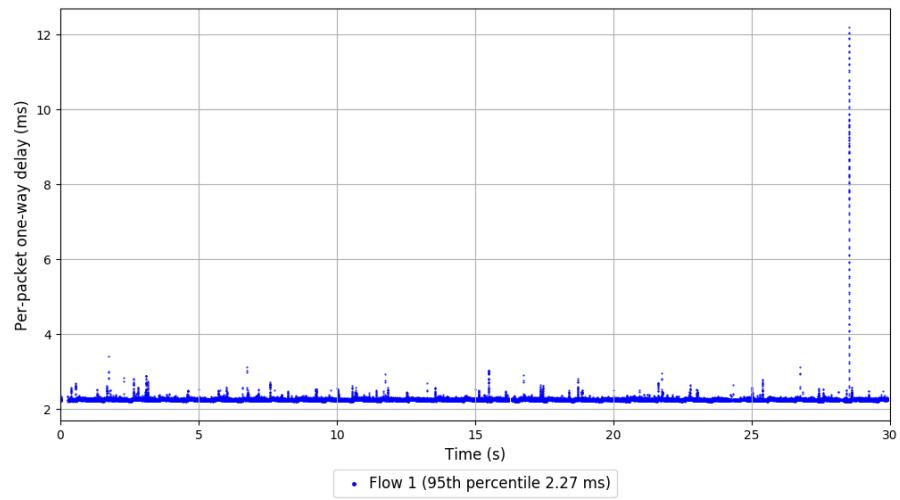
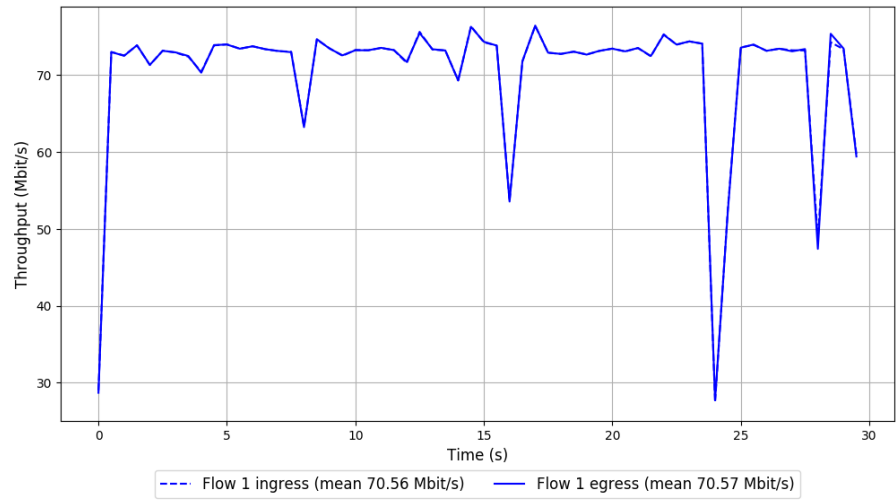
-- Flow 1:

Average throughput: 70.57 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.02%

Run 10: Report of QUIC Cubic — Data Link

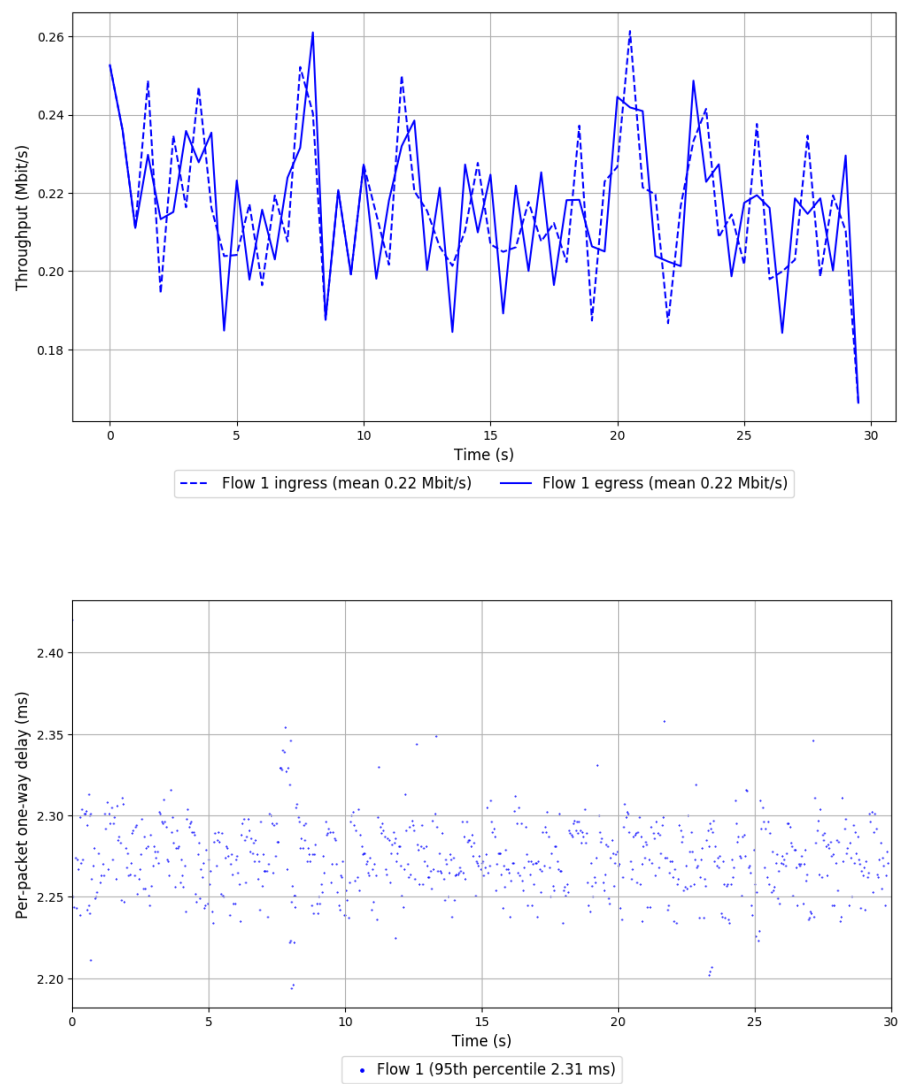


```
Run 1: Statistics of SCReAM

Start at: 2017-12-05 09:52:12
End at: 2017-12-05 09:52:42
Local clock offset: -0.565 ms
Remote clock offset: 0.048 ms

# Below is generated by plot.py at 2017-12-05 16:58:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.305 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-12-05 10:10:28

End at: 2017-12-05 10:10:59

Local clock offset: -0.411 ms

Remote clock offset: 0.35 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.291 ms

Loss rate: 0.00%

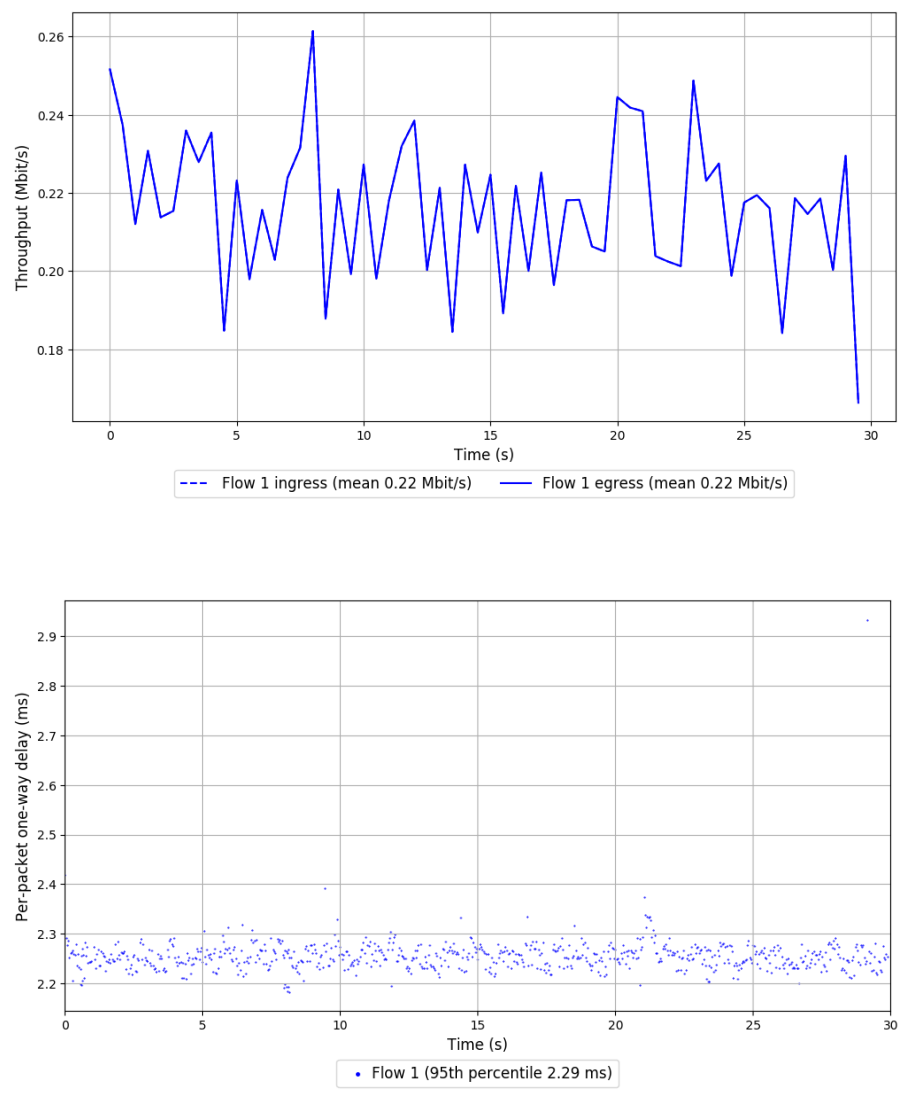
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.291 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-12-05 10:28:44

End at: 2017-12-05 10:29:14

Local clock offset: -0.284 ms

Remote clock offset: 0.512 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.358 ms

Loss rate: 0.00%

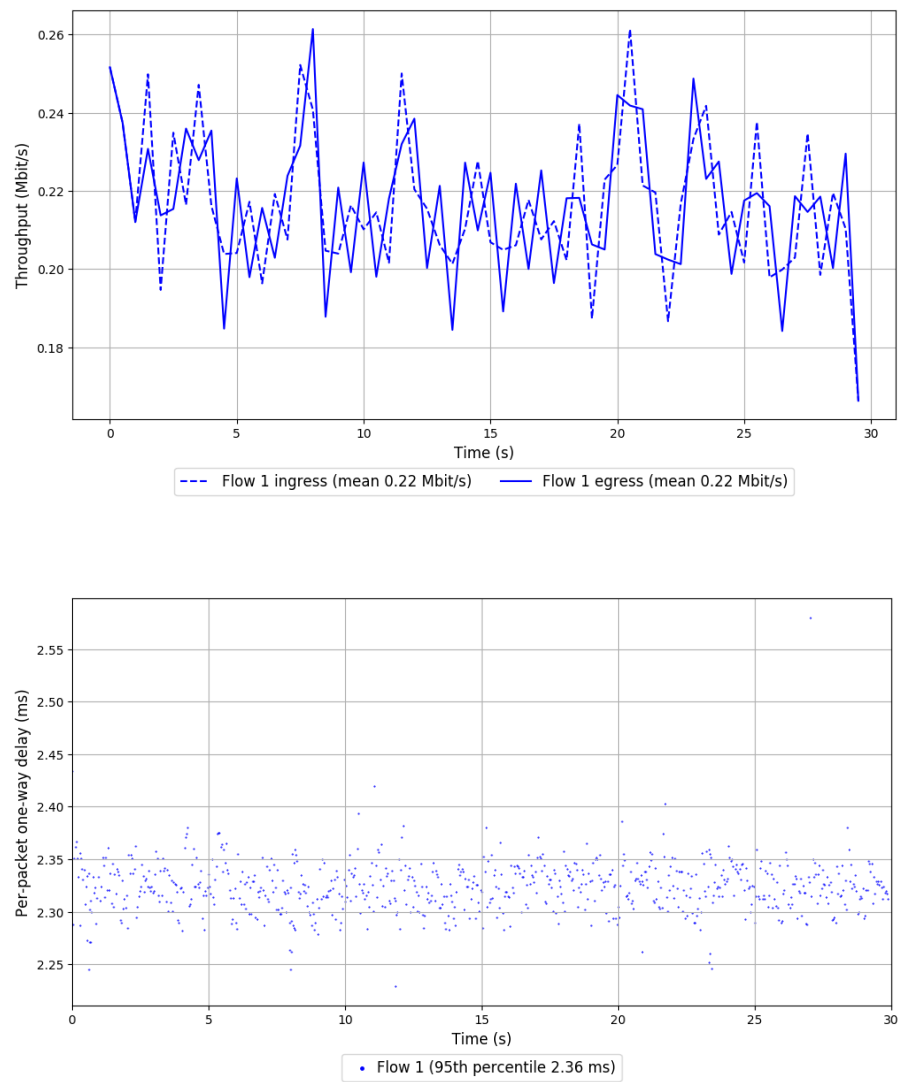
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.358 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-12-05 10:47:02

End at: 2017-12-05 10:47:32

Local clock offset: -0.32 ms

Remote clock offset: 0.804 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.221 ms

Loss rate: 0.00%

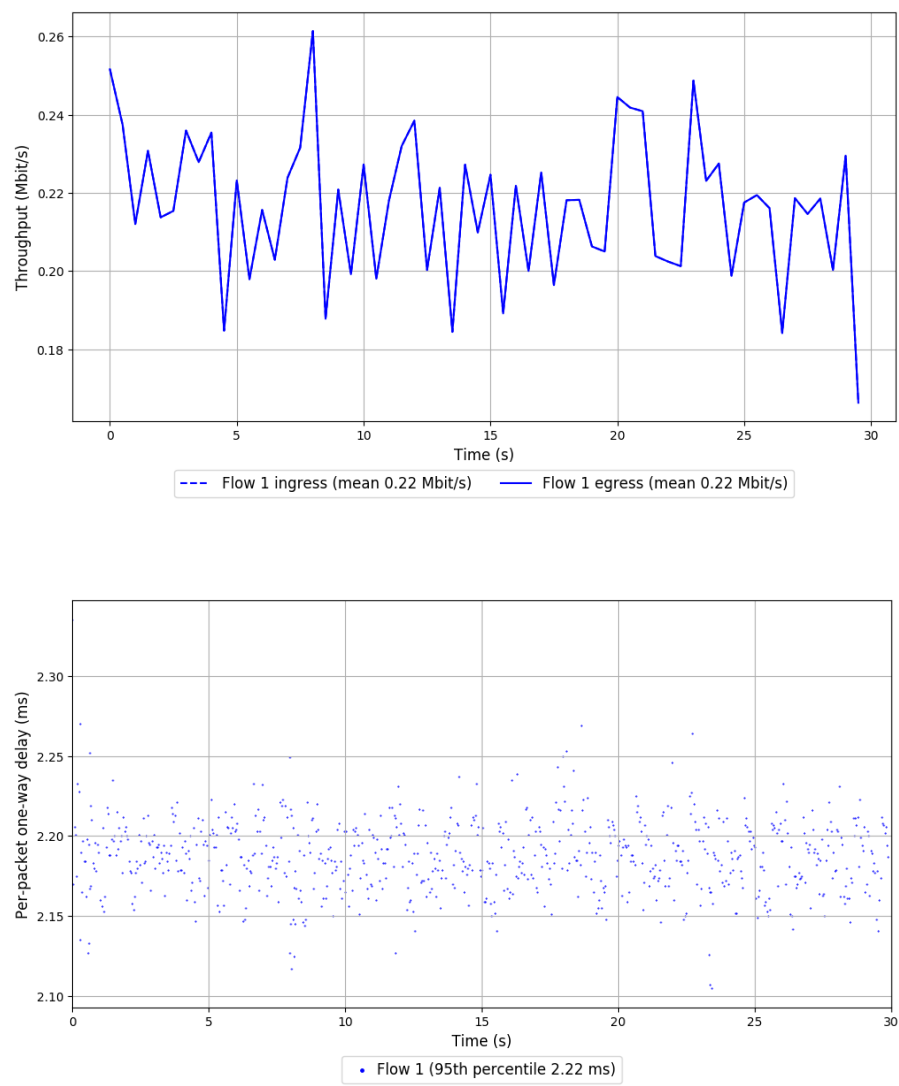
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.221 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-12-05 11:05:08

End at: 2017-12-05 11:05:38

Local clock offset: -0.213 ms

Remote clock offset: 0.801 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.321 ms

Loss rate: 0.00%

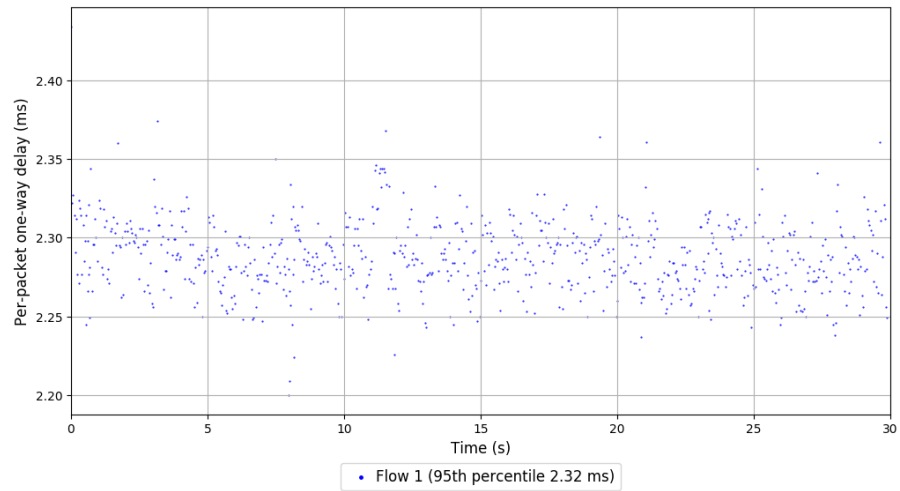
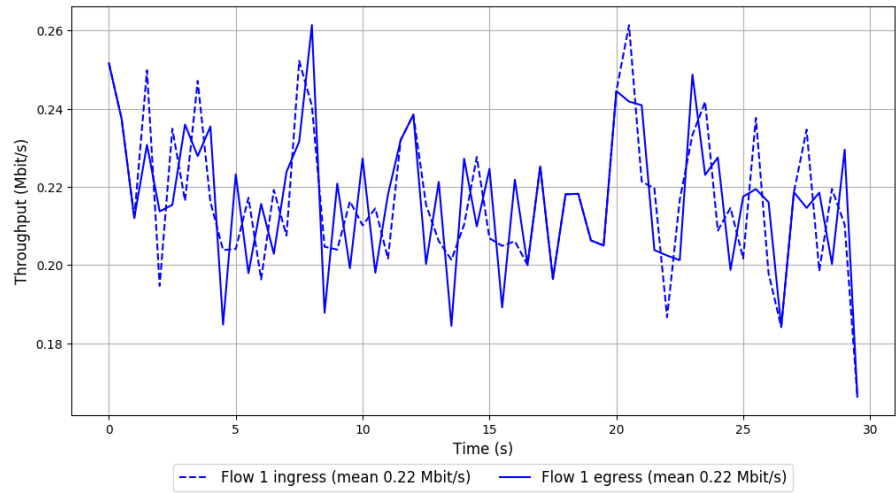
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.321 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-12-05 11:23:00

End at: 2017-12-05 11:23:30

Local clock offset: -0.252 ms

Remote clock offset: 0.811 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.244 ms

Loss rate: 0.00%

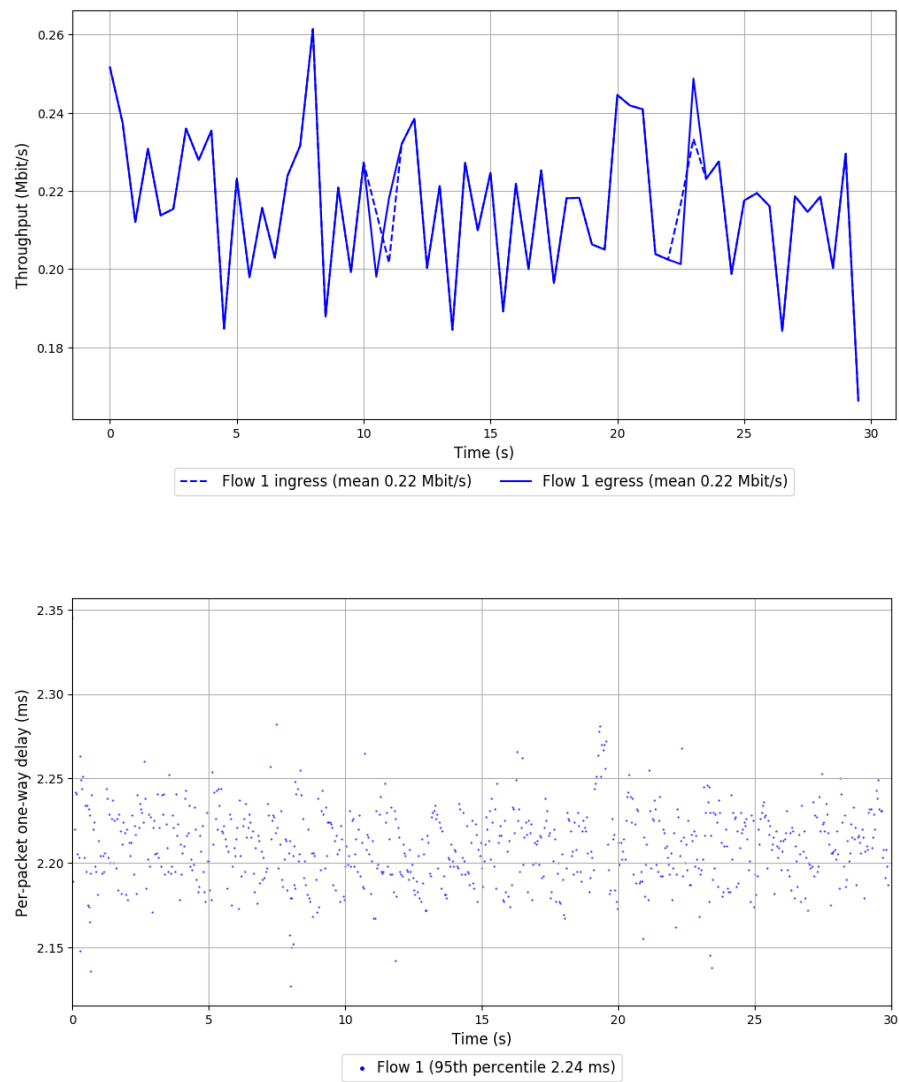
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.244 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-12-05 11:41:06

End at: 2017-12-05 11:41:36

Local clock offset: -0.235 ms

Remote clock offset: 0.793 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.232 ms

Loss rate: 0.00%

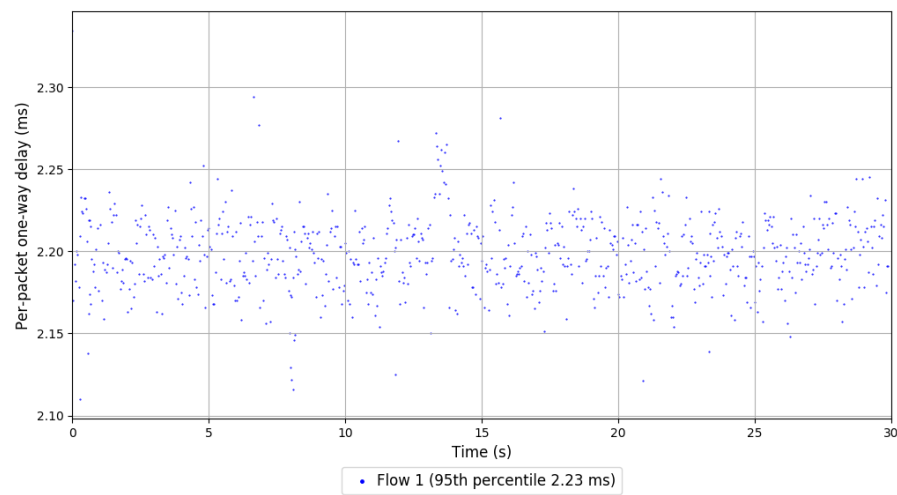
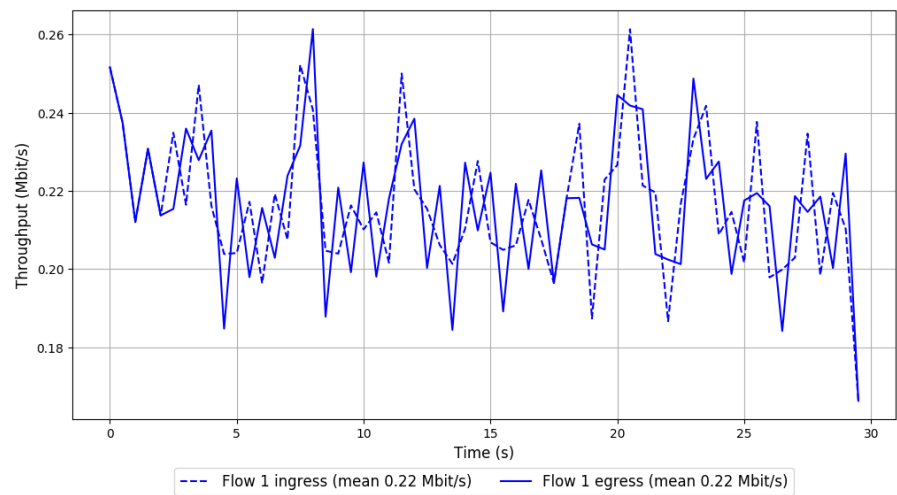
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.232 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-12-05 11:59:09

End at: 2017-12-05 11:59:39

Local clock offset: -0.219 ms

Remote clock offset: 0.646 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.238 ms

Loss rate: 0.00%

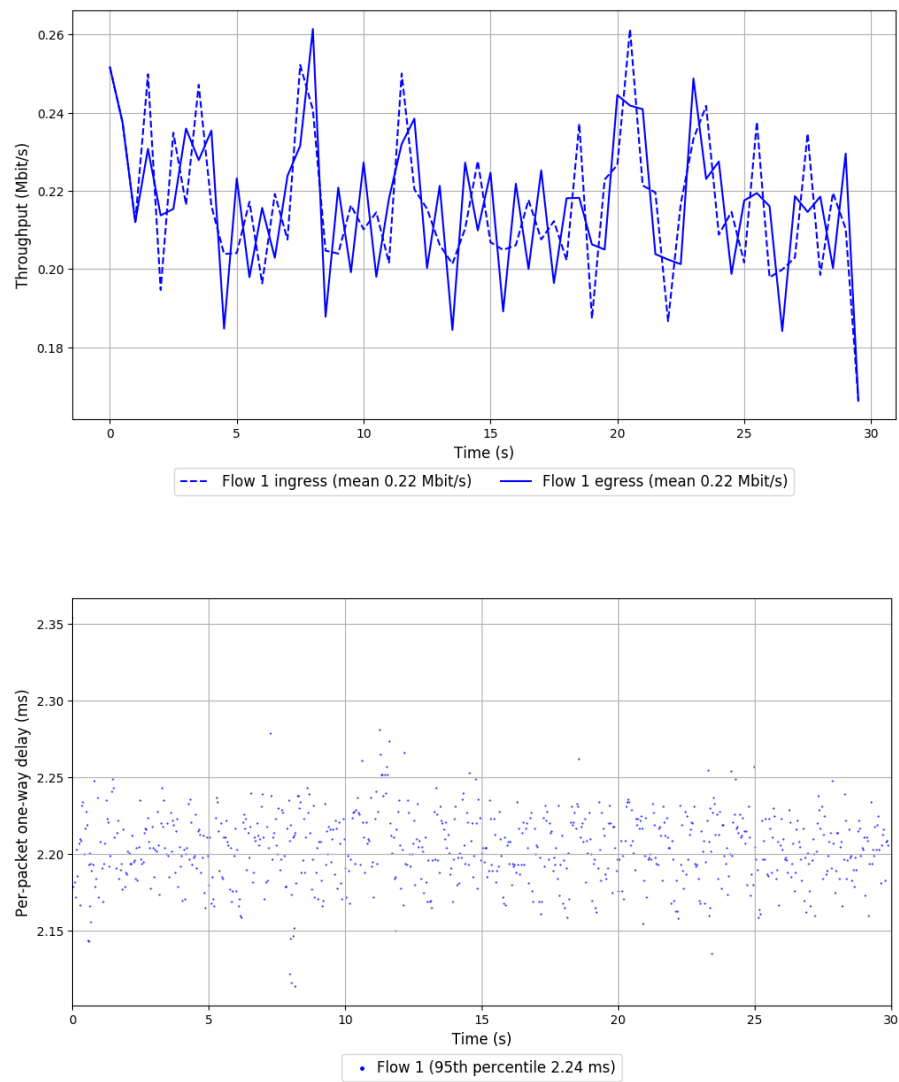
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.238 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-12-05 12:17:34

End at: 2017-12-05 12:18:04

Local clock offset: -0.16 ms

Remote clock offset: 0.402 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

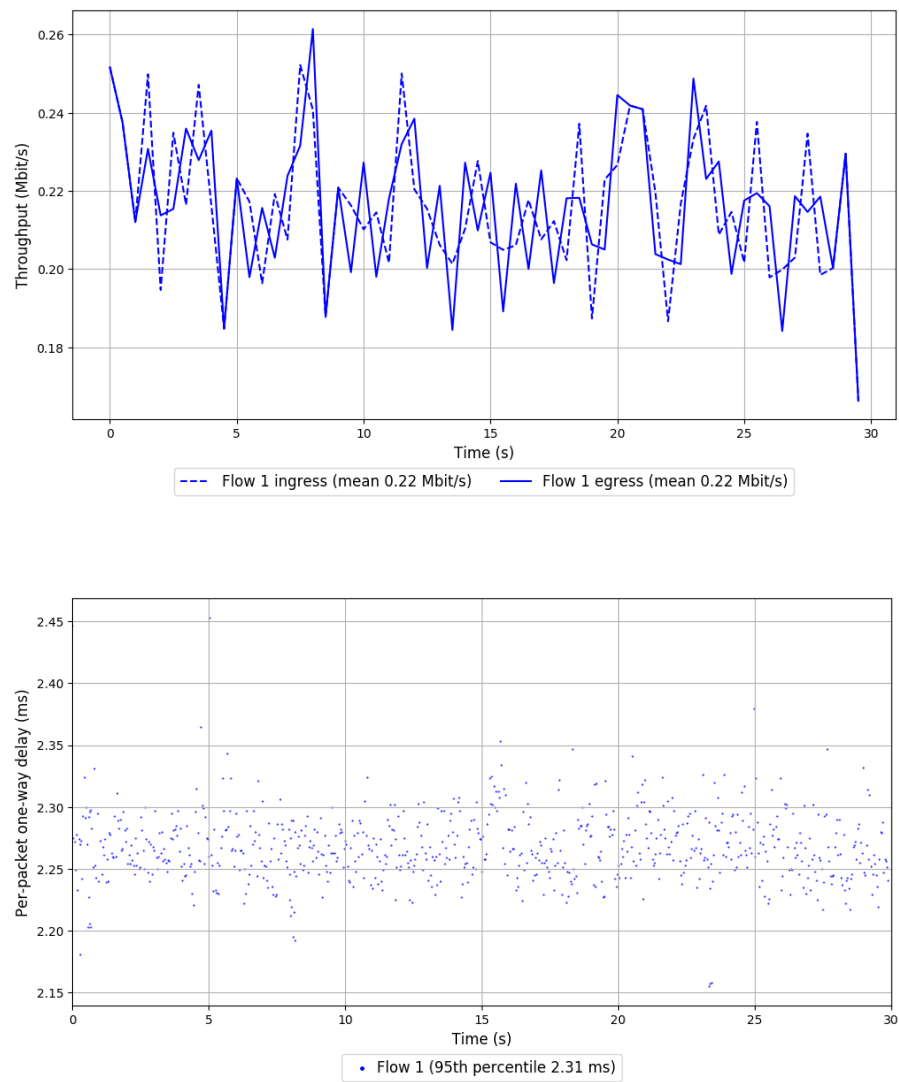
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-12-05 12:35:27

End at: 2017-12-05 12:35:57

Local clock offset: -0.222 ms

Remote clock offset: 0.206 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.237 ms

Loss rate: 0.00%

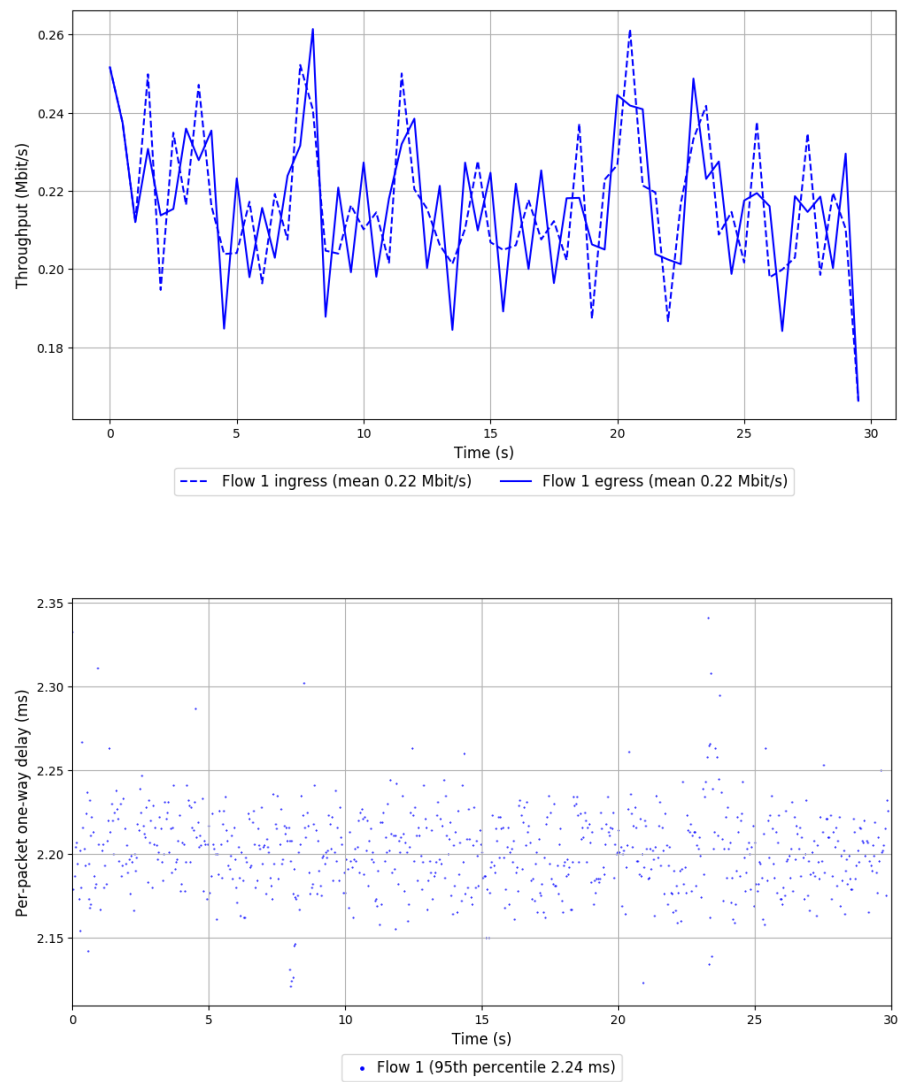
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.237 ms

Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

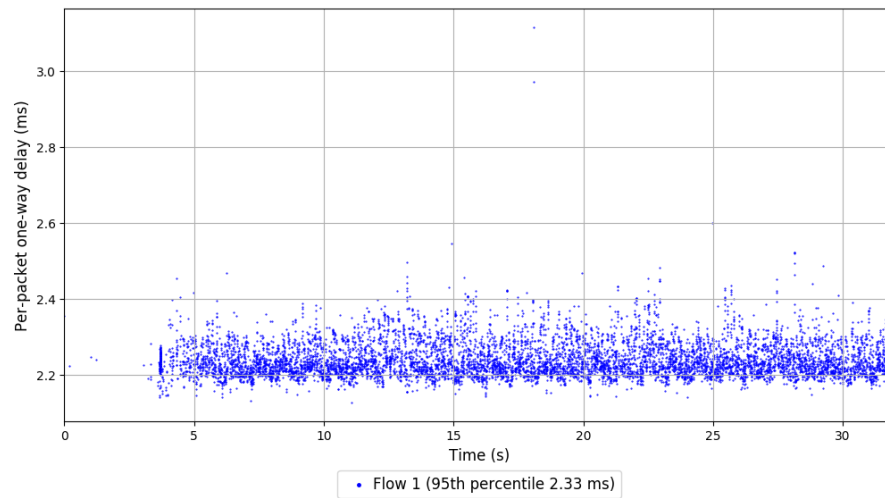
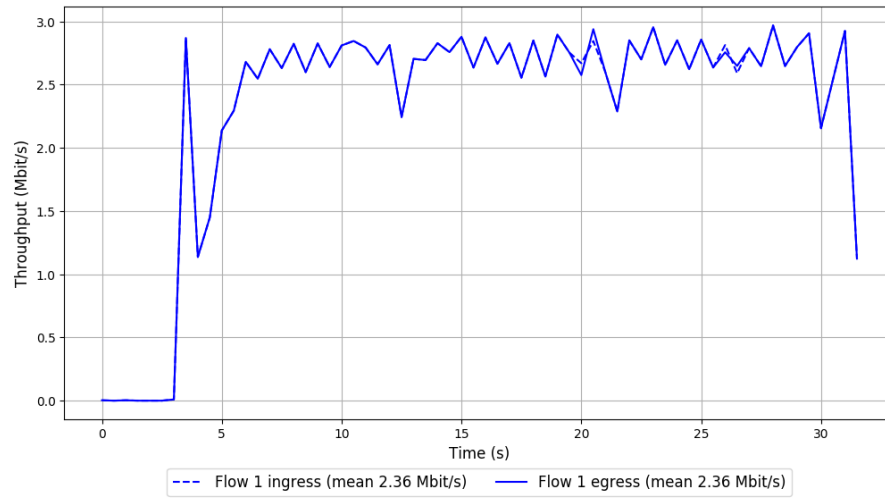


```
Run 1: Statistics of WebRTC media

Start at: 2017-12-05 10:00:02
End at: 2017-12-05 10:00:32
Local clock offset: -0.474 ms
Remote clock offset: 0.192 ms

# Below is generated by plot.py at 2017-12-05 16:58:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.330 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.330 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-12-05 10:18:19

End at: 2017-12-05 10:18:49

Local clock offset: -0.338 ms

Remote clock offset: 0.453 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

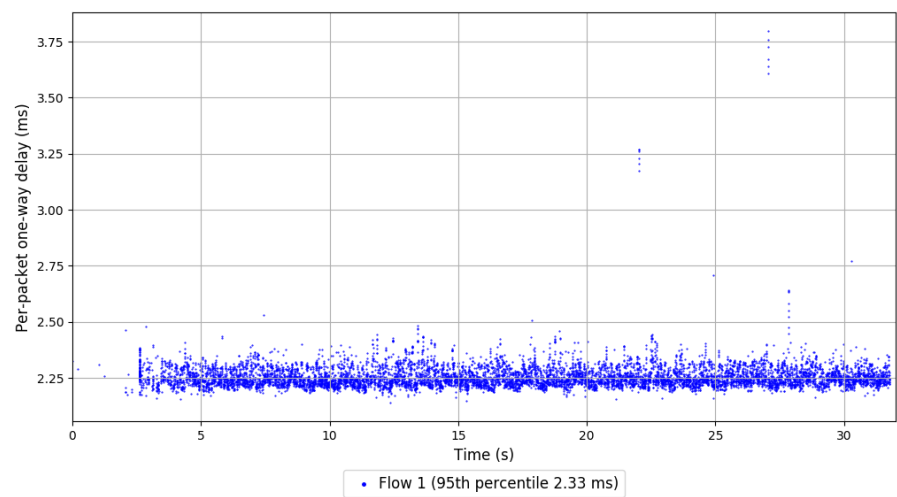
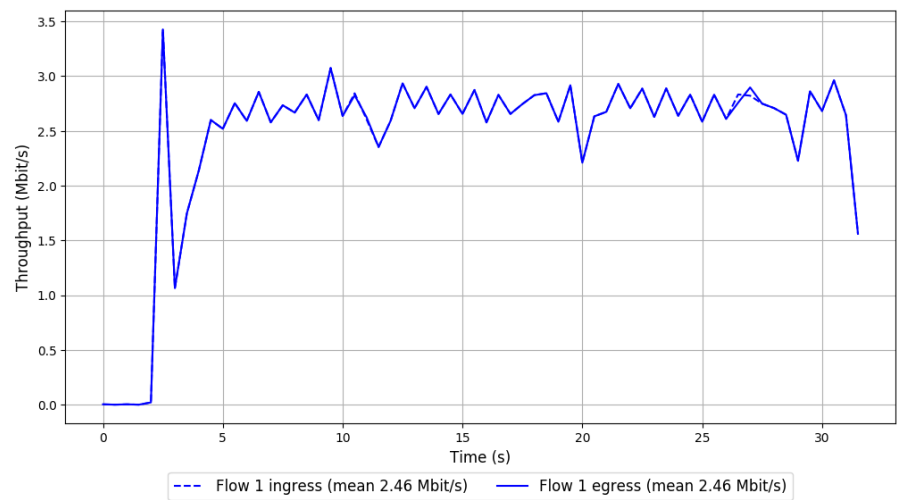
-- Flow 1:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-12-05 10:36:27

End at: 2017-12-05 10:36:57

Local clock offset: -0.268 ms

Remote clock offset: 0.618 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.384 ms

Loss rate: 0.00%

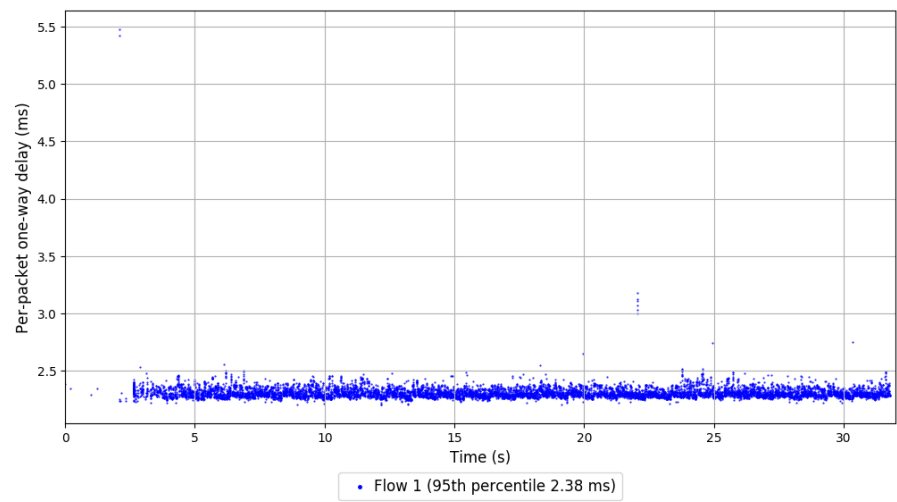
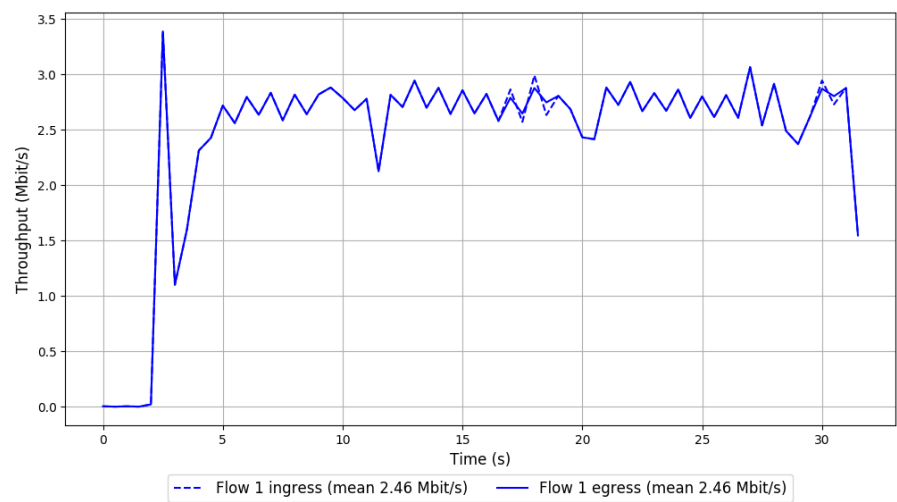
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.384 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-12-05 10:54:49

End at: 2017-12-05 10:55:19

Local clock offset: -0.239 ms

Remote clock offset: 0.805 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.324 ms

Loss rate: 0.00%

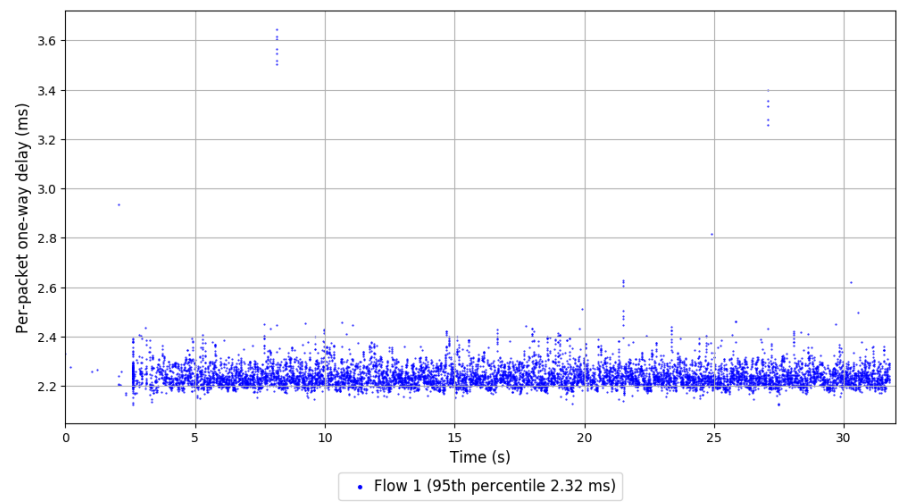
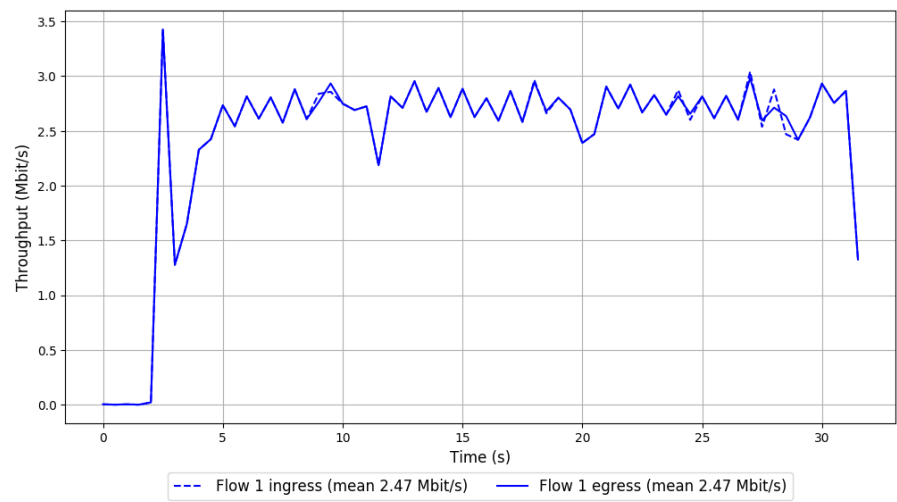
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.324 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-12-05 11:13:00

End at: 2017-12-05 11:13:30

Local clock offset: -0.21 ms

Remote clock offset: 0.753 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.406 ms

Loss rate: 0.00%

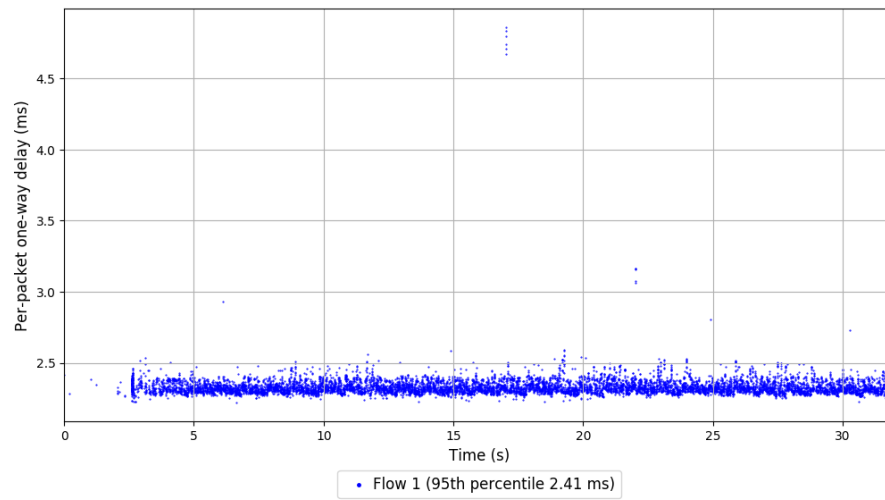
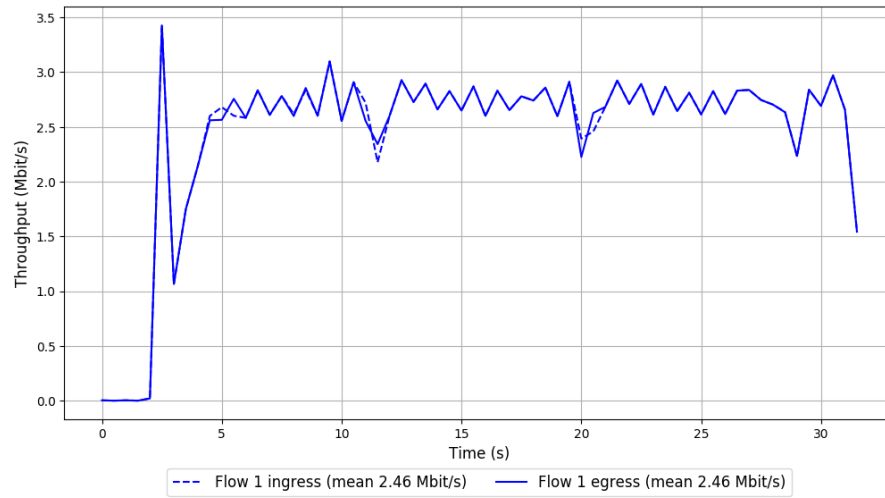
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.406 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-12-05 11:30:49

End at: 2017-12-05 11:31:19

Local clock offset: -0.166 ms

Remote clock offset: 0.81 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.00%

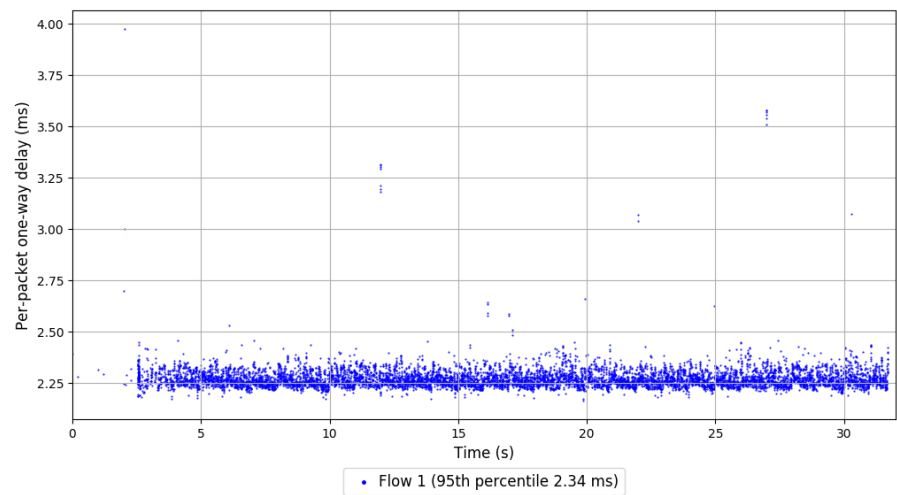
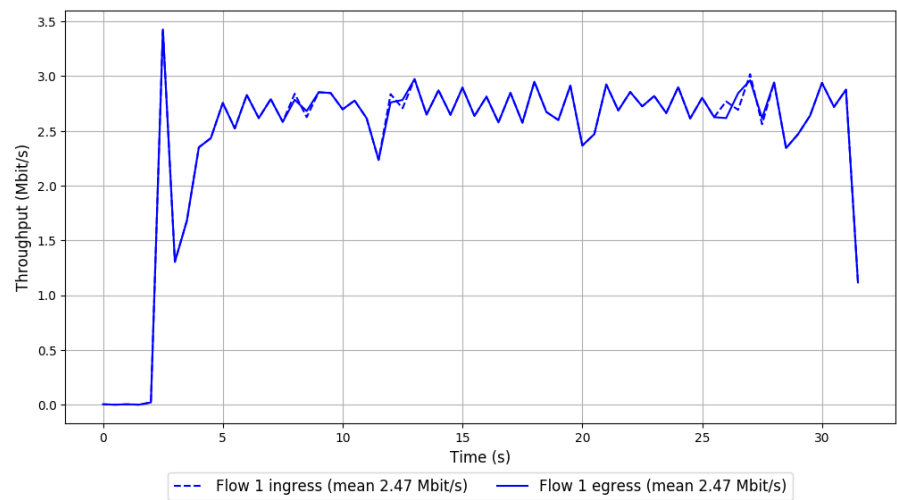
-- Flow 1:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-12-05 11:48:55

End at: 2017-12-05 11:49:25

Local clock offset: -0.147 ms

Remote clock offset: 0.732 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

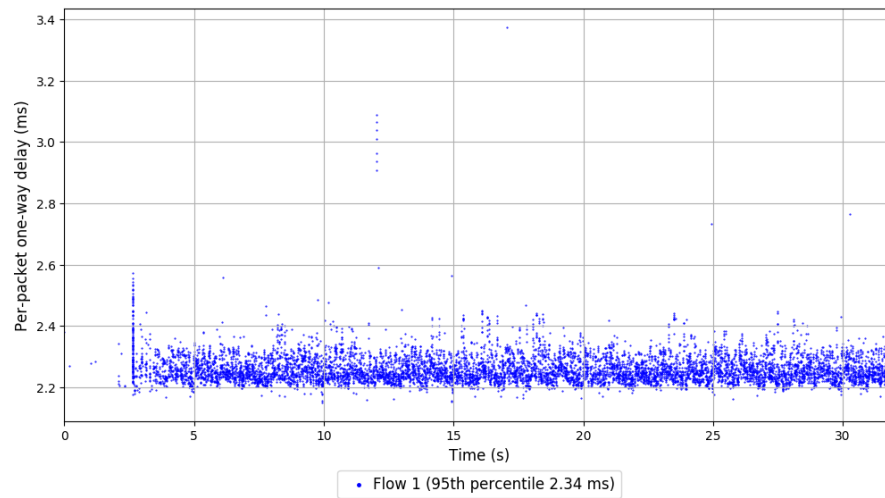
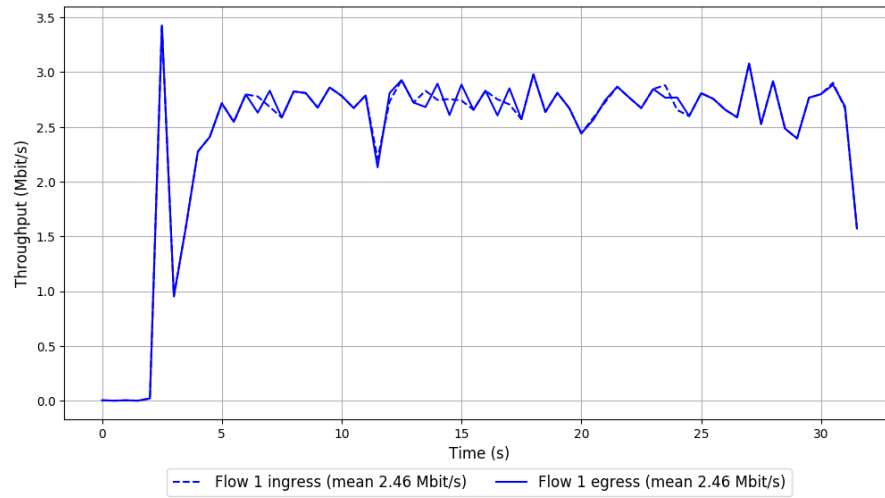
-- Flow 1:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-12-05 12:06:58

End at: 2017-12-05 12:07:28

Local clock offset: -0.16 ms

Remote clock offset: 0.559 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 2.348 ms

Loss rate: 0.04%

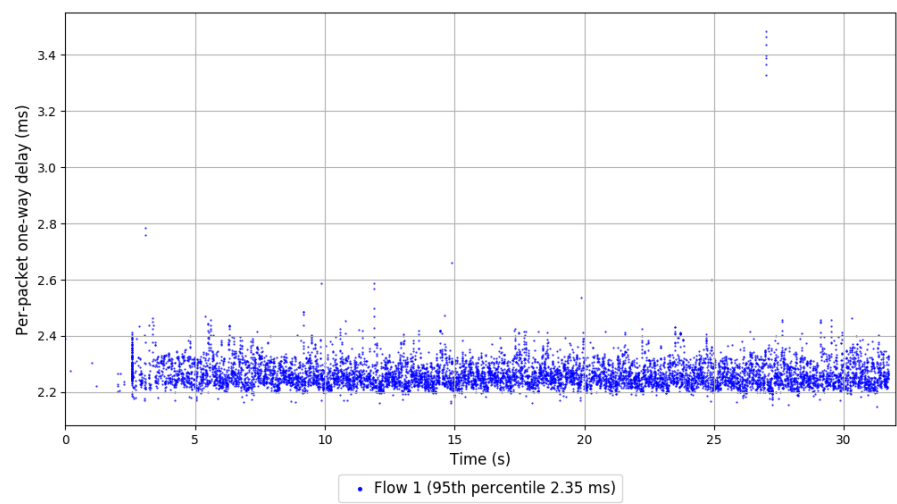
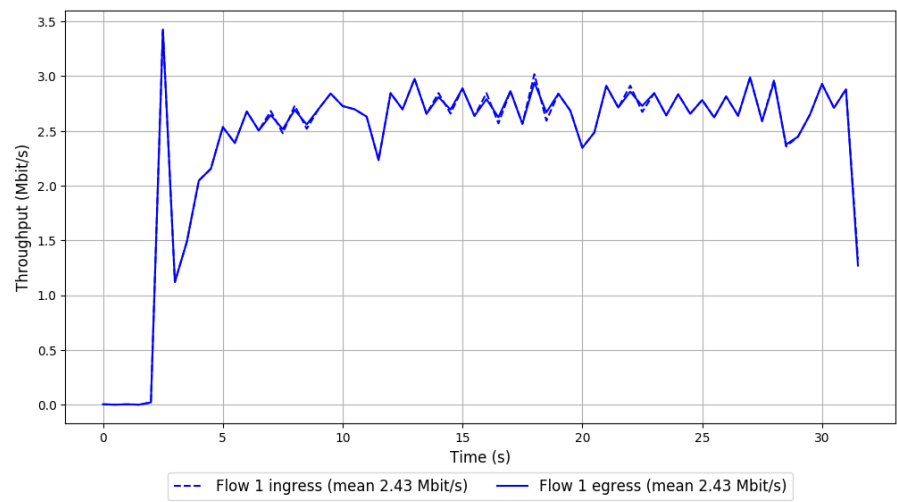
-- Flow 1:

Average throughput: 2.43 Mbit/s

95th percentile per-packet one-way delay: 2.348 ms

Loss rate: 0.04%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-12-05 12:25:24

End at: 2017-12-05 12:25:54

Local clock offset: -0.236 ms

Remote clock offset: 0.296 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.11%

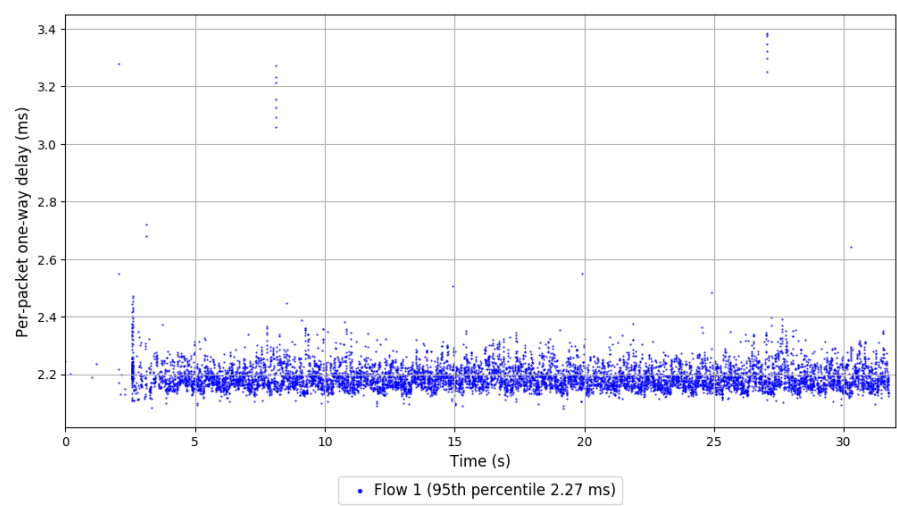
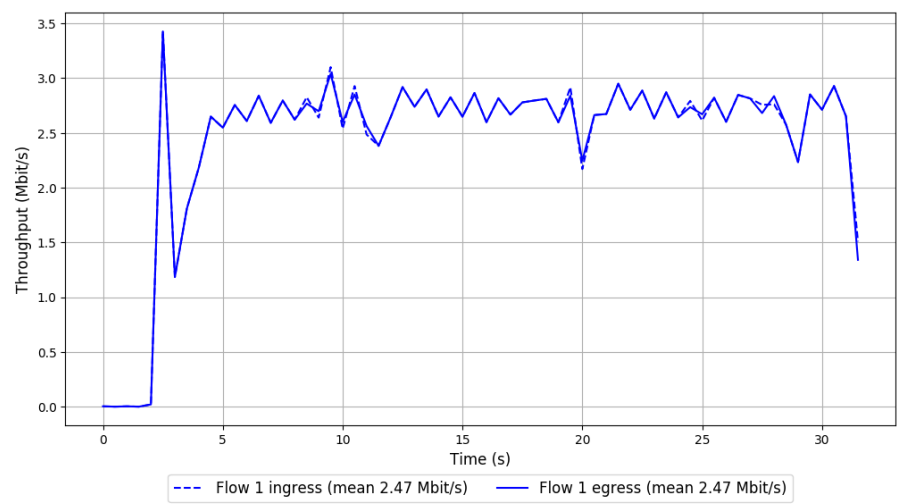
-- Flow 1:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.11%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-12-05 12:43:15

End at: 2017-12-05 12:43:45

Local clock offset: -0.174 ms

Remote clock offset: 0.051 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.403 ms

Loss rate: 0.00%

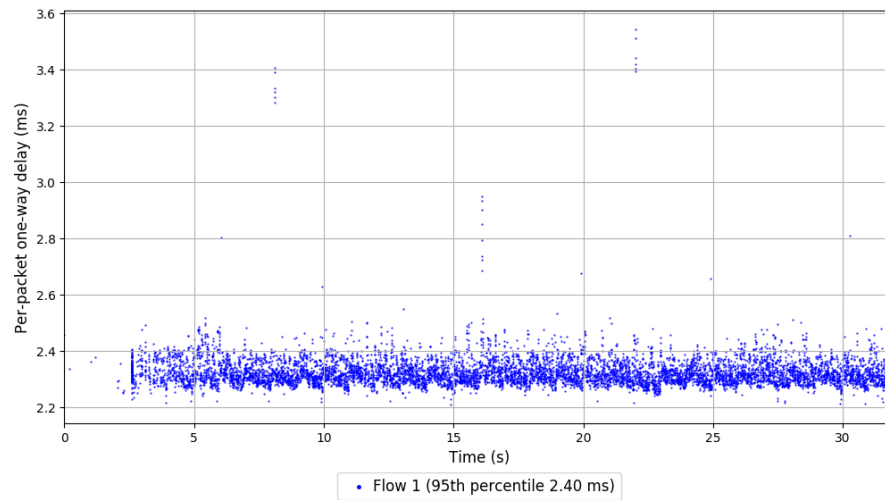
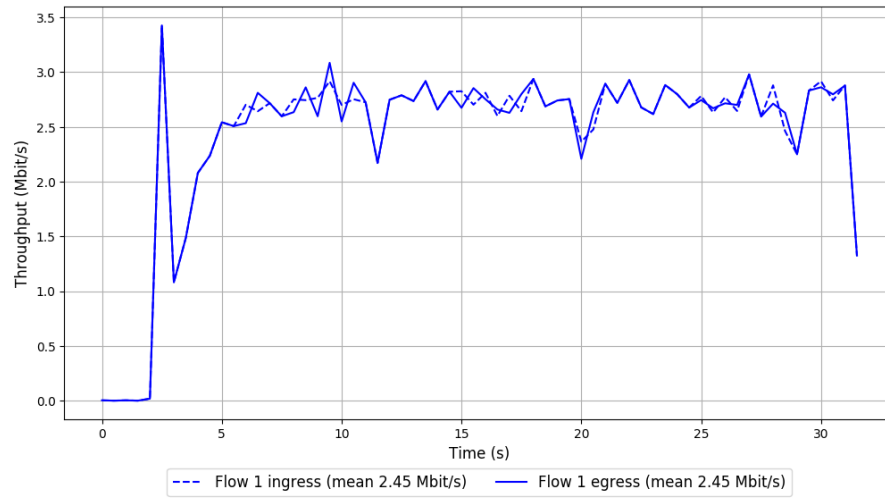
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.403 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2017-12-05 10:03:47

End at: 2017-12-05 10:04:17

Local clock offset: -0.45 ms

Remote clock offset: 0.181 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.525 ms

Loss rate: 0.06%

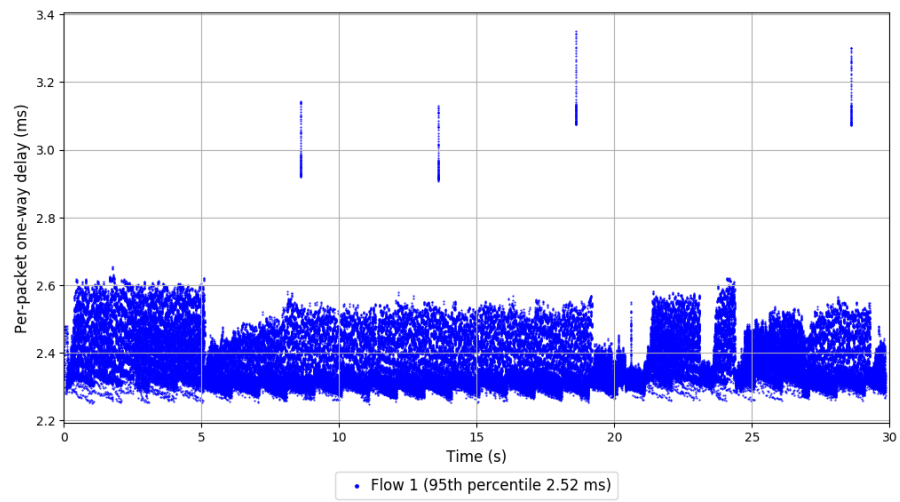
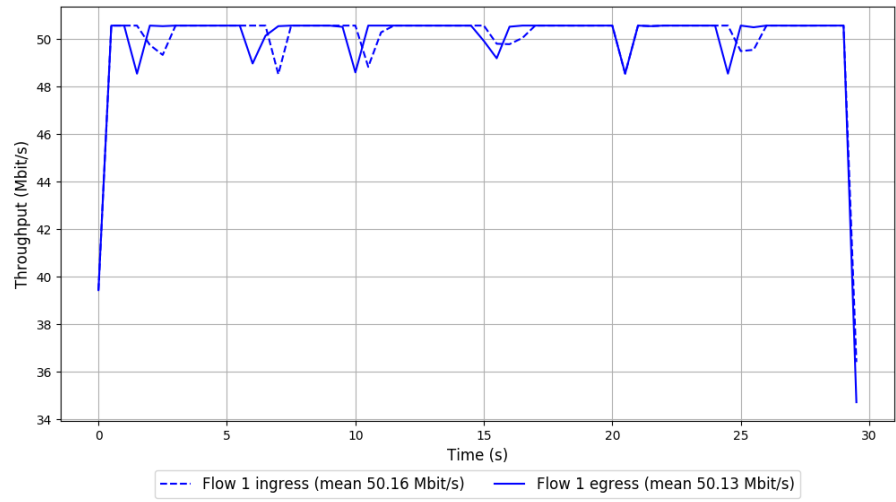
-- Flow 1:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.525 ms

Loss rate: 0.06%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-12-05 10:21:59

End at: 2017-12-05 10:22:29

Local clock offset: -0.287 ms

Remote clock offset: 0.517 ms

Below is generated by plot.py at 2017-12-05 16:58:02

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%

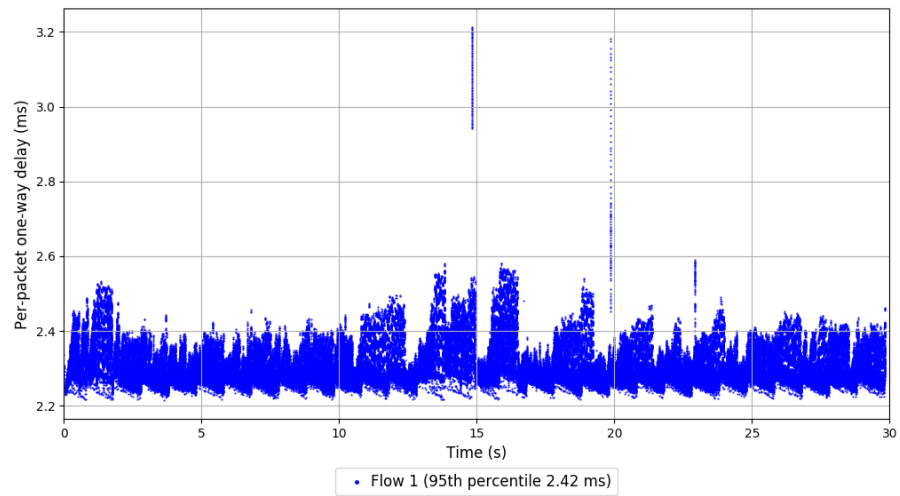
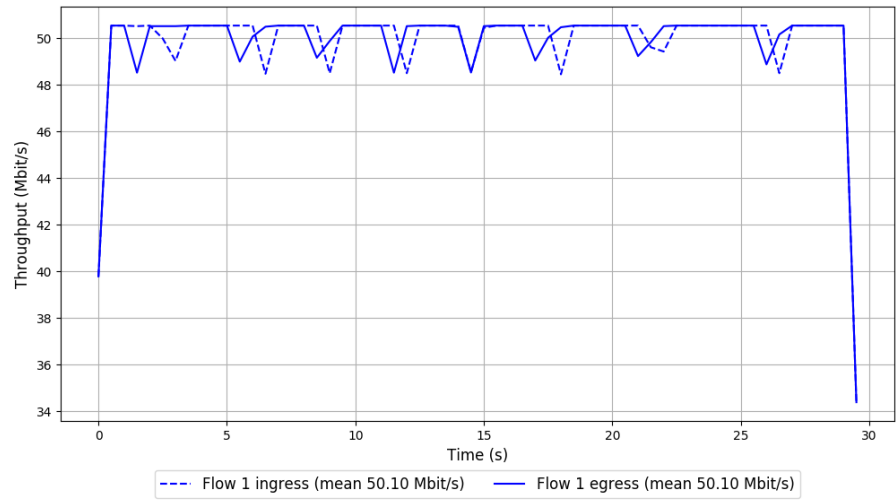
-- Flow 1:

Average throughput: 50.10 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

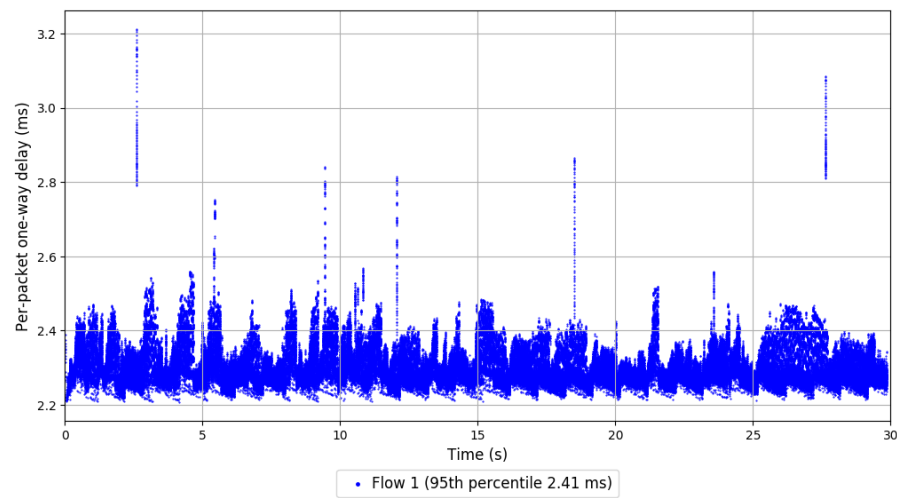
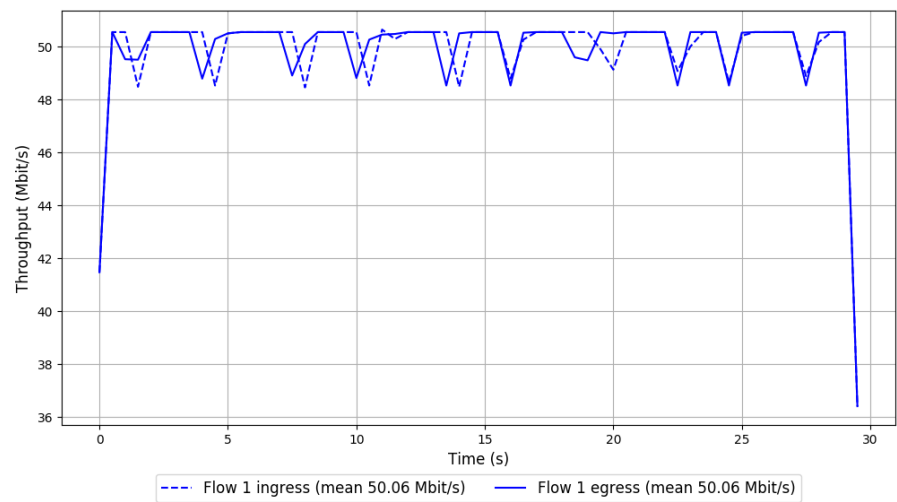


Run 3: Statistics of Sprout

Start at: 2017-12-05 10:40:19
End at: 2017-12-05 10:40:49
Local clock offset: -0.243 ms
Remote clock offset: 0.746 ms

Below is generated by plot.py at 2017-12-05 16:58:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 2.407 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 2.407 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-12-05 10:58:25

End at: 2017-12-05 10:58:55

Local clock offset: -0.203 ms

Remote clock offset: 0.805 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 2.647 ms

Loss rate: 0.00%

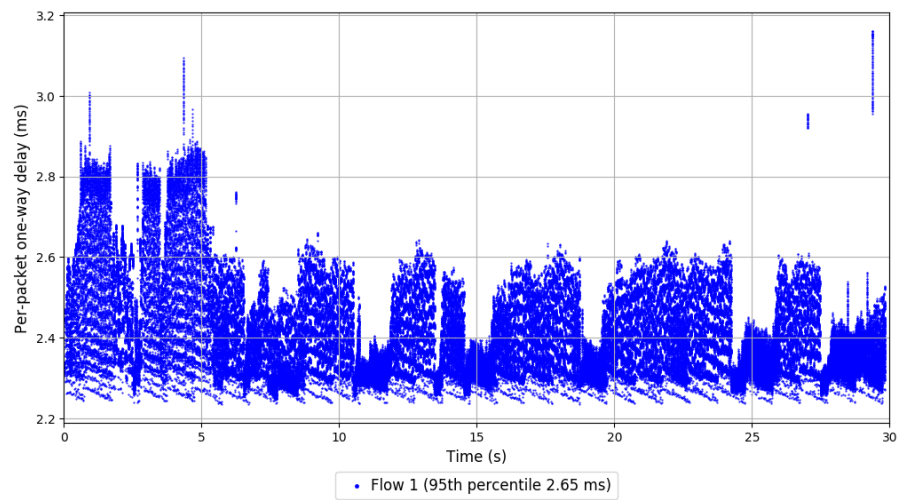
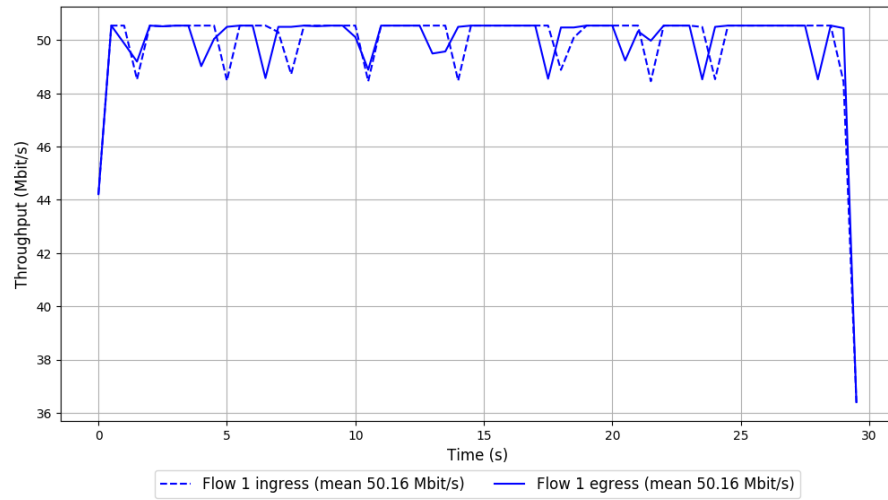
-- Flow 1:

Average throughput: 50.16 Mbit/s

95th percentile per-packet one-way delay: 2.647 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

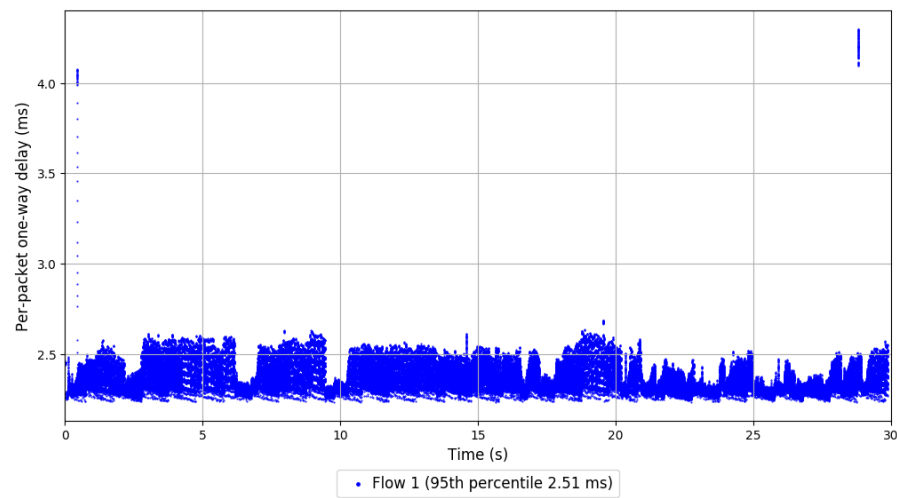
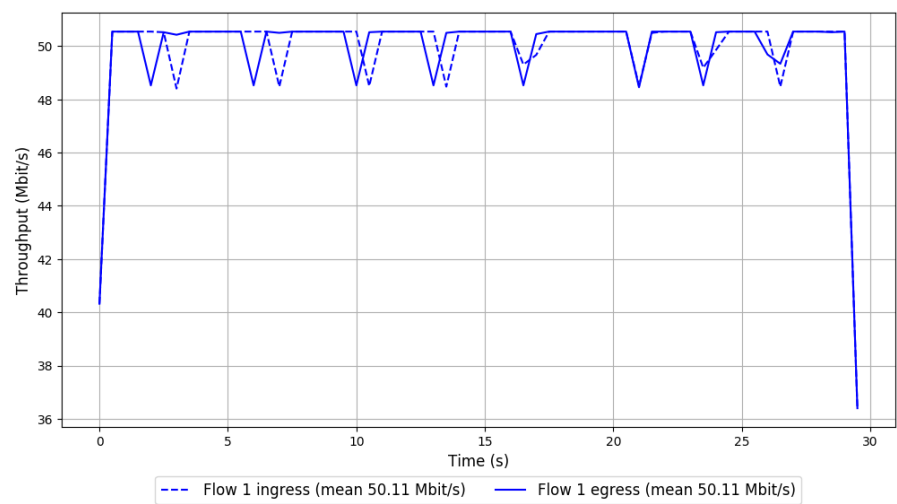


Run 5: Statistics of Sprout

Start at: 2017-12-05 11:16:39
End at: 2017-12-05 11:17:09
Local clock offset: -0.196 ms
Remote clock offset: 0.799 ms

Below is generated by plot.py at 2017-12-05 16:58:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 2.514 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.11 Mbit/s
95th percentile per-packet one-way delay: 2.514 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-12-05 11:34:31

End at: 2017-12-05 11:35:01

Local clock offset: -0.138 ms

Remote clock offset: 0.843 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.538 ms

Loss rate: 0.00%

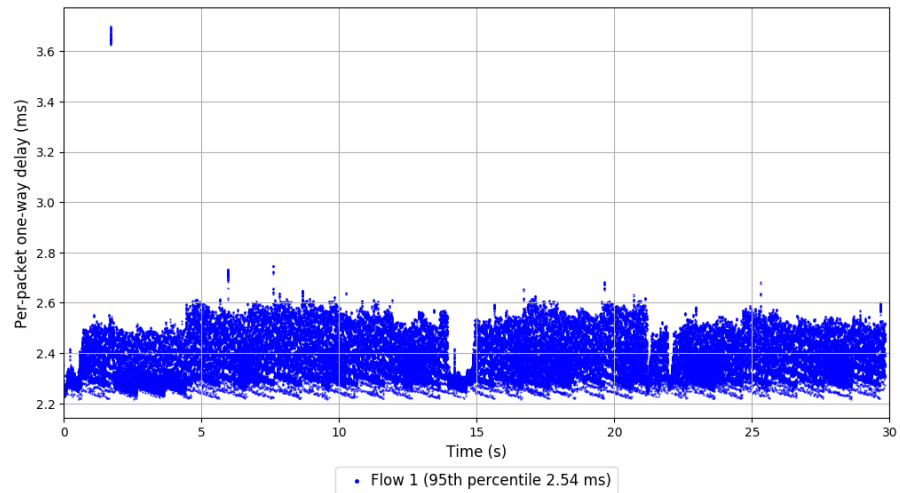
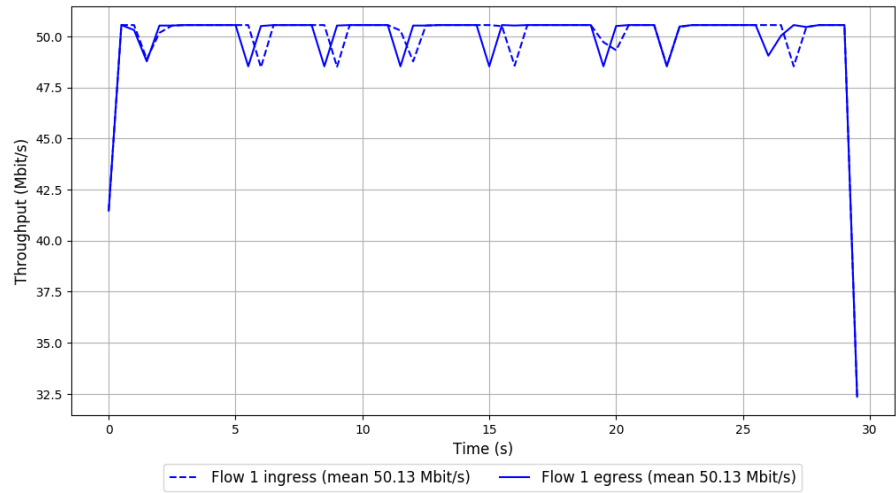
-- Flow 1:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.538 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

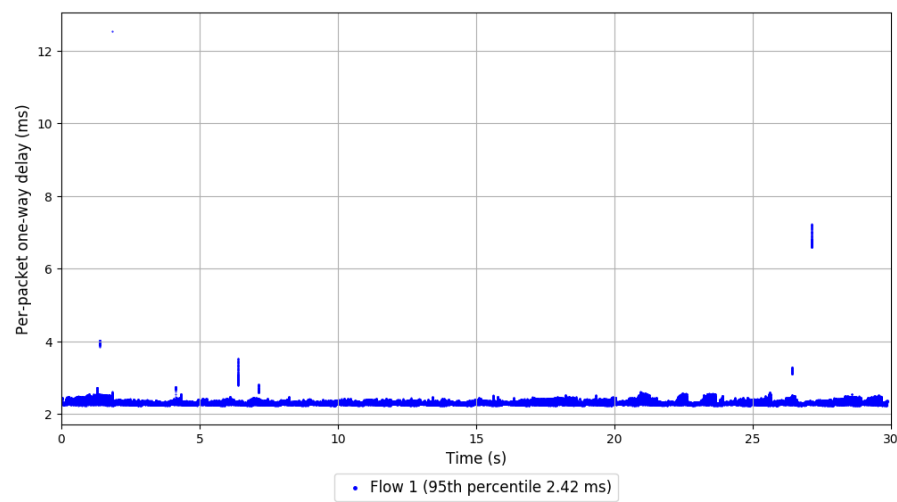
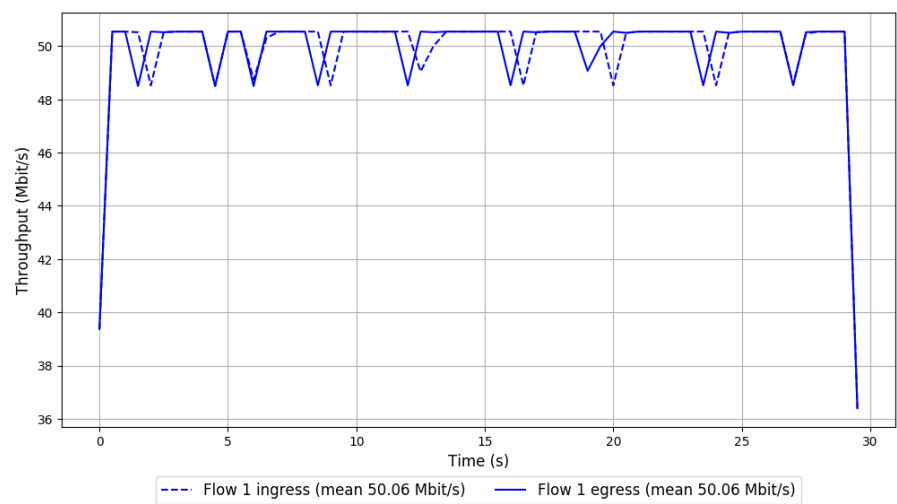


Run 7: Statistics of Sprout

Start at: 2017-12-05 11:52:29
End at: 2017-12-05 11:52:59
Local clock offset: -0.141 ms
Remote clock offset: 0.71 ms

Below is generated by plot.py at 2017-12-05 16:58:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 2.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 2.423 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-12-05 12:10:53

End at: 2017-12-05 12:11:23

Local clock offset: -0.175 ms

Remote clock offset: 0.443 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.614 ms

Loss rate: 0.00%

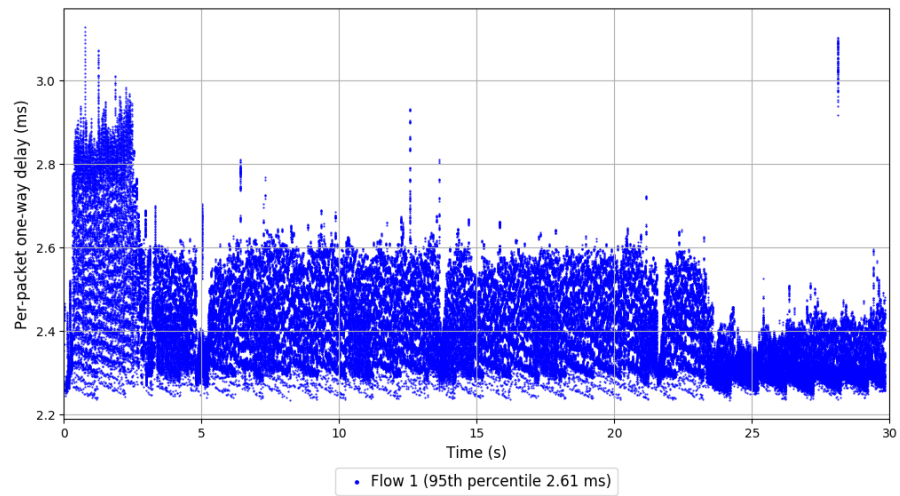
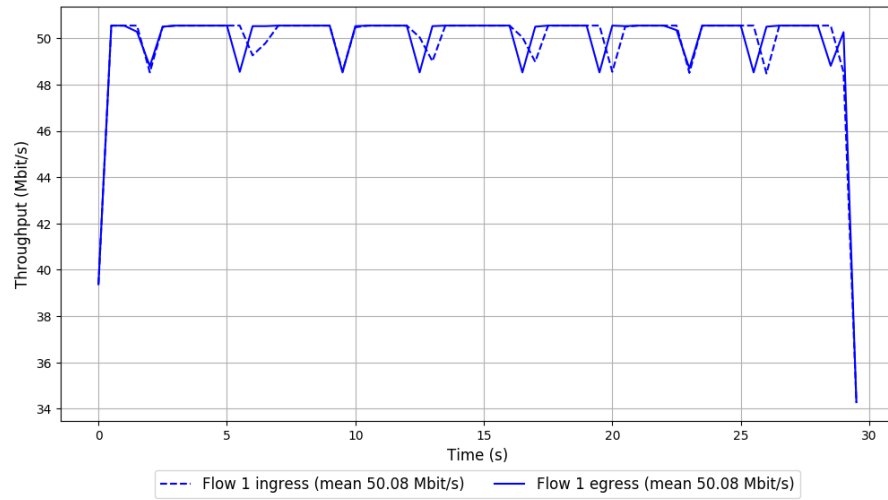
-- Flow 1:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.614 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

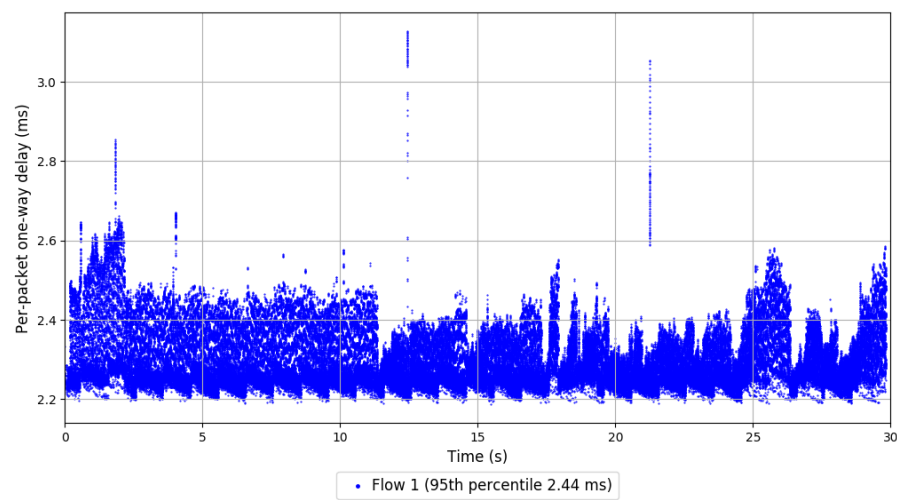
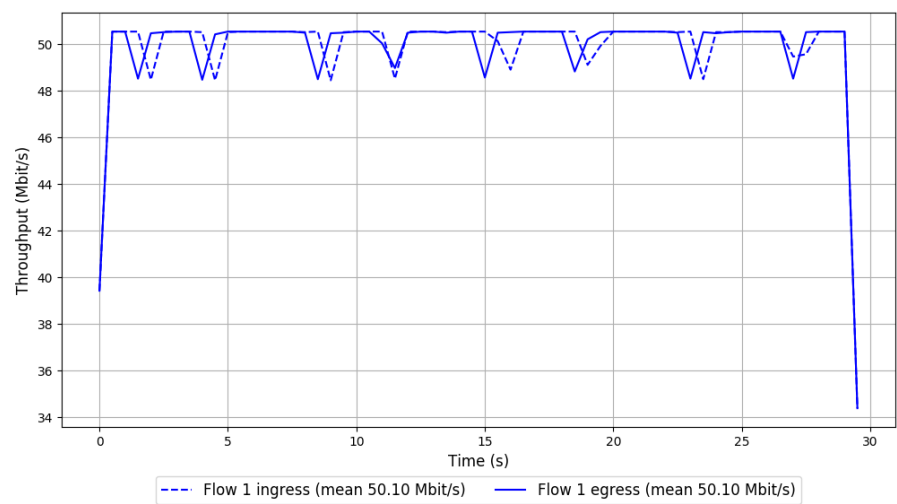


Run 9: Statistics of Sprout

Start at: 2017-12-05 12:29:10
End at: 2017-12-05 12:29:40
Local clock offset: -0.155 ms
Remote clock offset: 0.283 ms

Below is generated by plot.py at 2017-12-05 16:58:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 2.444 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 2.444 ms
Loss rate: 0.01%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-12-05 12:46:52

End at: 2017-12-05 12:47:22

Local clock offset: -0.173 ms

Remote clock offset: 0.073 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.06 Mbit/s

95th percentile per-packet one-way delay: 2.615 ms

Loss rate: 0.00%

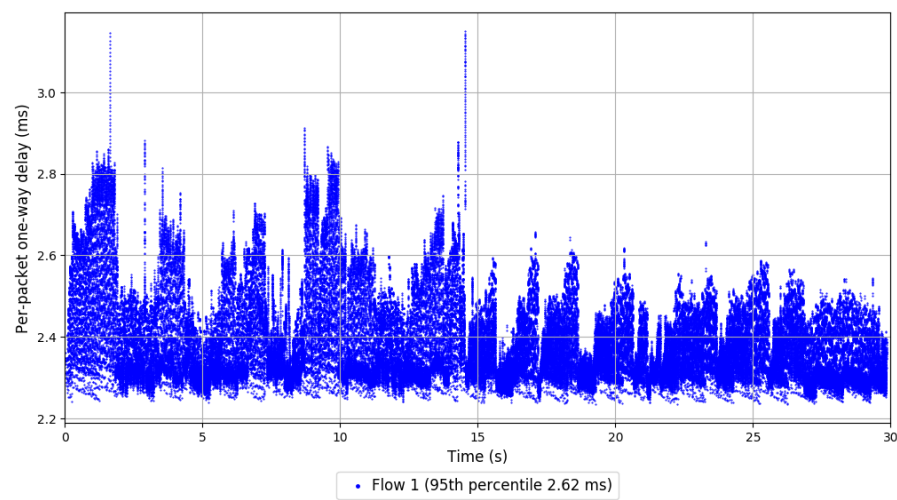
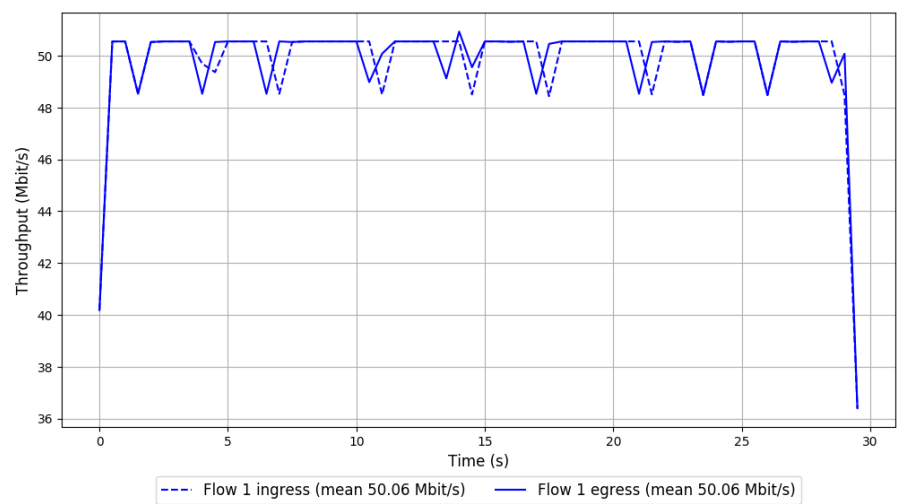
-- Flow 1:

Average throughput: 50.06 Mbit/s

95th percentile per-packet one-way delay: 2.615 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

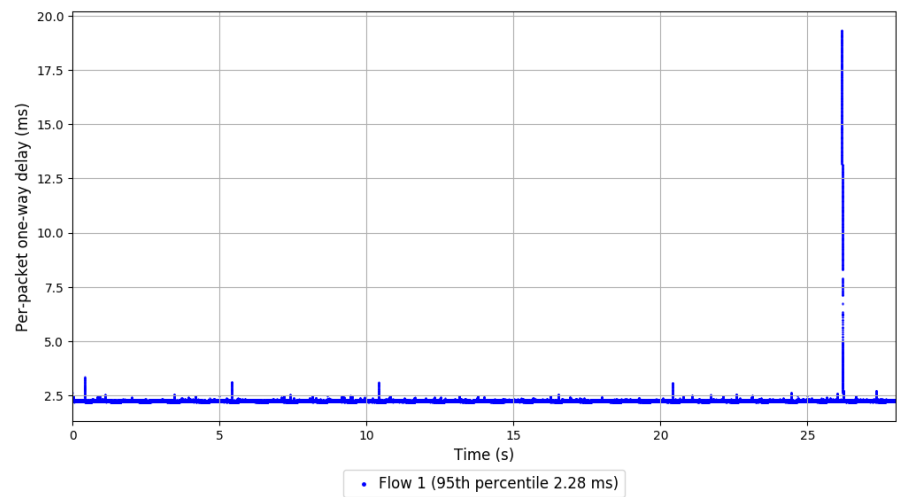
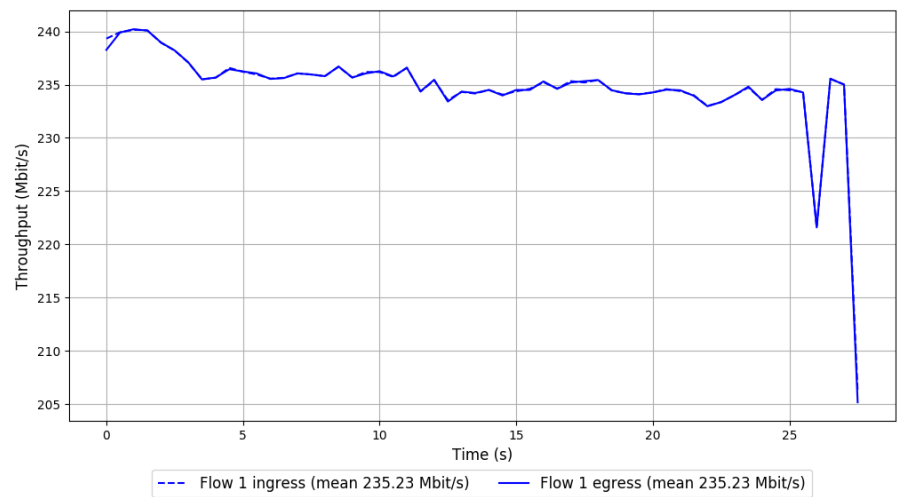


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-12-05 09:57:12
End at: 2017-12-05 09:57:42
Local clock offset: -0.486 ms
Remote clock offset: 0.139 ms

# Below is generated by plot.py at 2017-12-05 16:58:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 235.23 Mbit/s
95th percentile per-packet one-way delay: 2.276 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 235.23 Mbit/s
95th percentile per-packet one-way delay: 2.276 ms
Loss rate: 0.01%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2017-12-05 10:15:30

End at: 2017-12-05 10:16:00

Local clock offset: -0.328 ms

Remote clock offset: 0.427 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 230.14 Mbit/s

95th percentile per-packet one-way delay: 2.300 ms

Loss rate: 0.01%

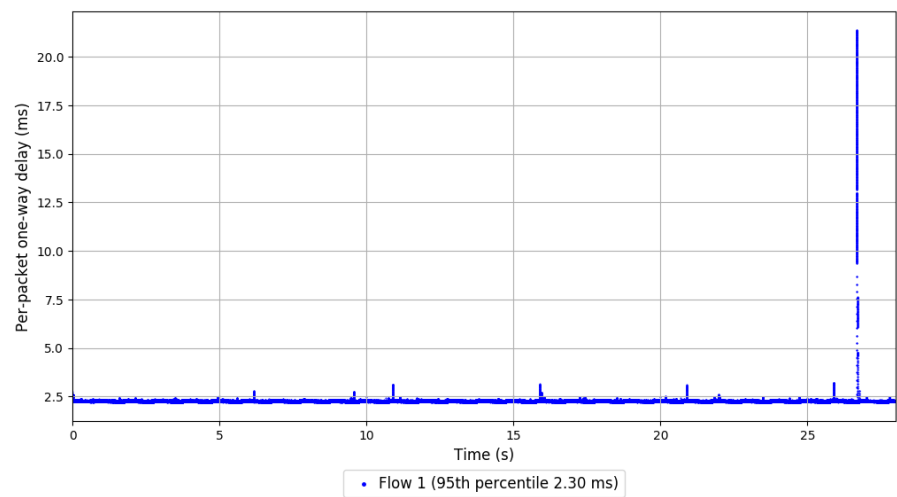
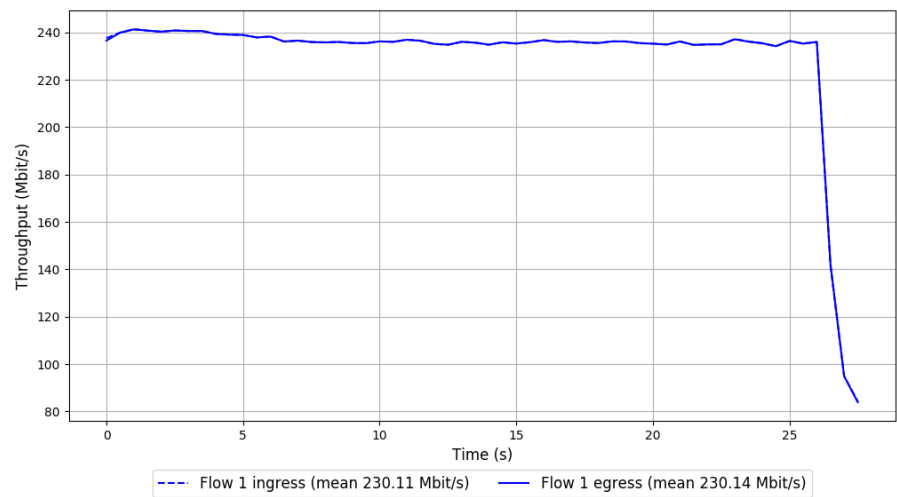
-- Flow 1:

Average throughput: 230.14 Mbit/s

95th percentile per-packet one-way delay: 2.300 ms

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-12-05 10:33:42

End at: 2017-12-05 10:34:12

Local clock offset: -0.256 ms

Remote clock offset: 0.595 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 168.64 Mbit/s

95th percentile per-packet one-way delay: 2.338 ms

Loss rate: 0.01%

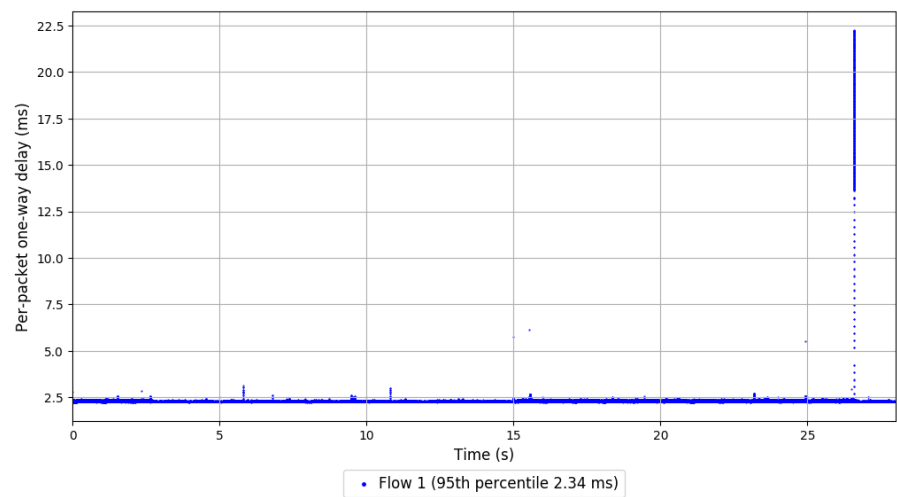
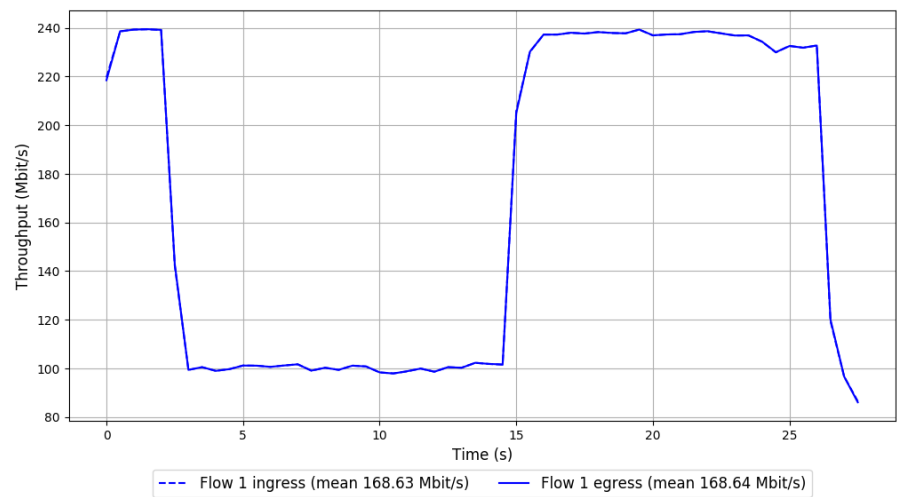
-- Flow 1:

Average throughput: 168.64 Mbit/s

95th percentile per-packet one-way delay: 2.338 ms

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-12-05 10:51:59

End at: 2017-12-05 10:52:29

Local clock offset: -0.24 ms

Remote clock offset: 0.821 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 232.10 Mbit/s

95th percentile per-packet one-way delay: 2.263 ms

Loss rate: 0.01%

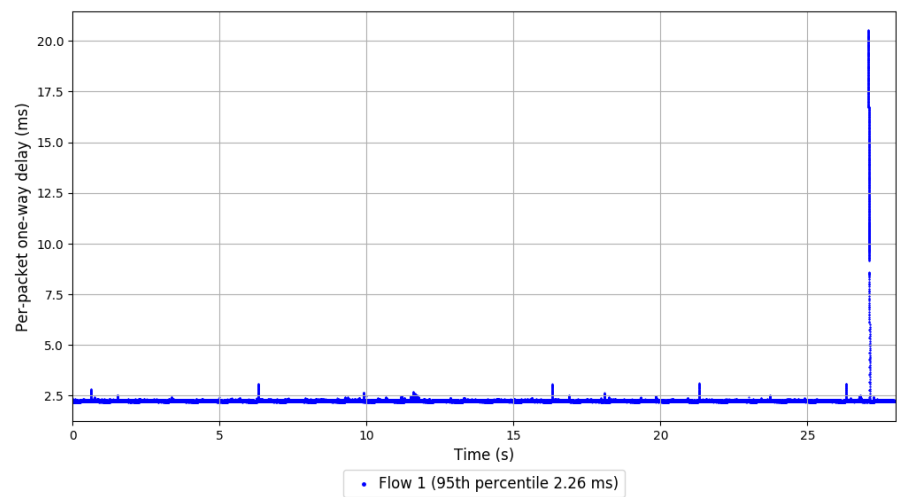
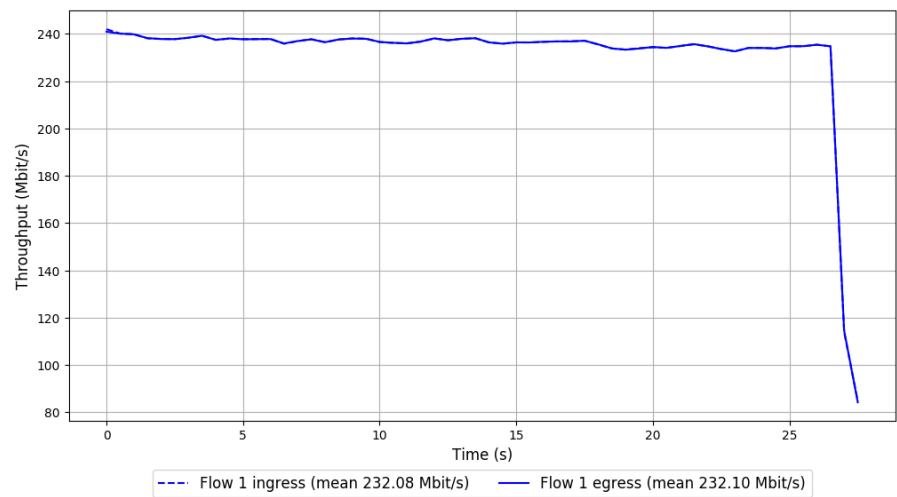
-- Flow 1:

Average throughput: 232.10 Mbit/s

95th percentile per-packet one-way delay: 2.263 ms

Loss rate: 0.01%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-12-05 11:10:10

End at: 2017-12-05 11:10:40

Local clock offset: -0.225 ms

Remote clock offset: 0.813 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 235.06 Mbit/s

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

Loss rate: 0.02%

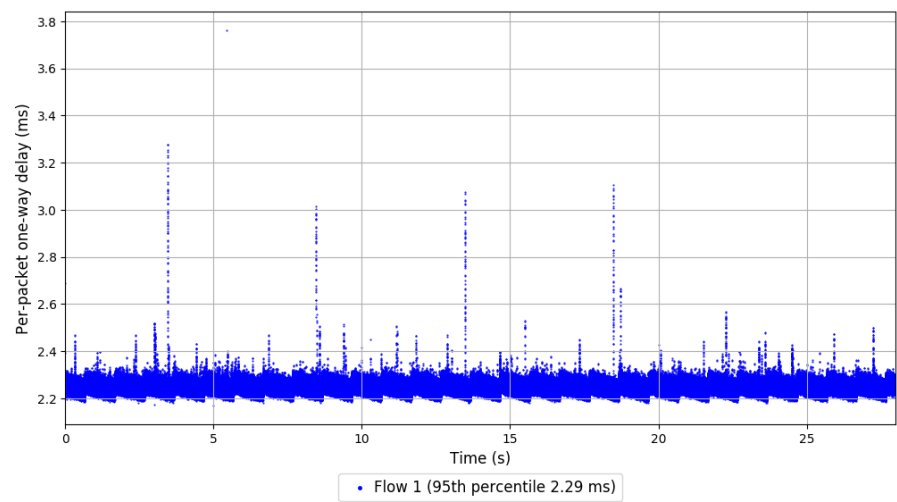
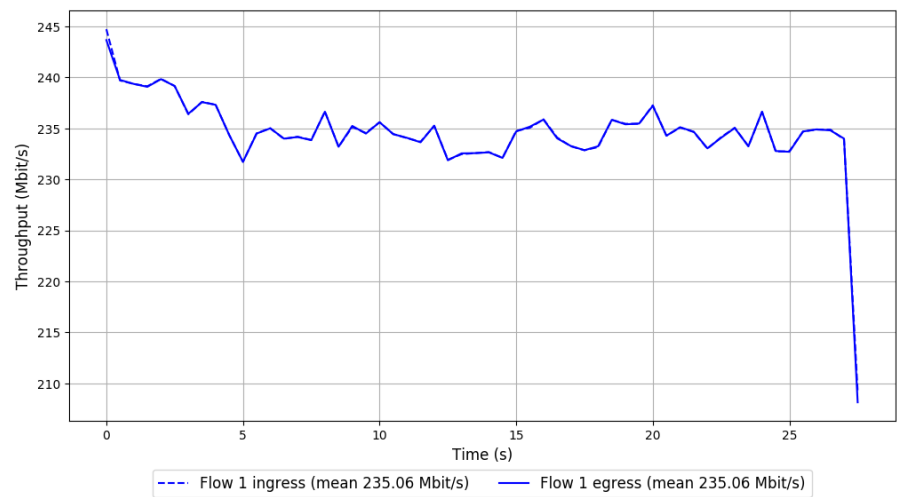
-- Flow 1:

Average throughput: 235.06 Mbit/s

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

Loss rate: 0.02%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-12-05 11:28:00

End at: 2017-12-05 11:28:30

Local clock offset: -0.181 ms

Remote clock offset: 0.75 ms

Below is generated by plot.py at 2017-12-05 16:58:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 224.19 Mbit/s

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

Loss rate: 0.01%

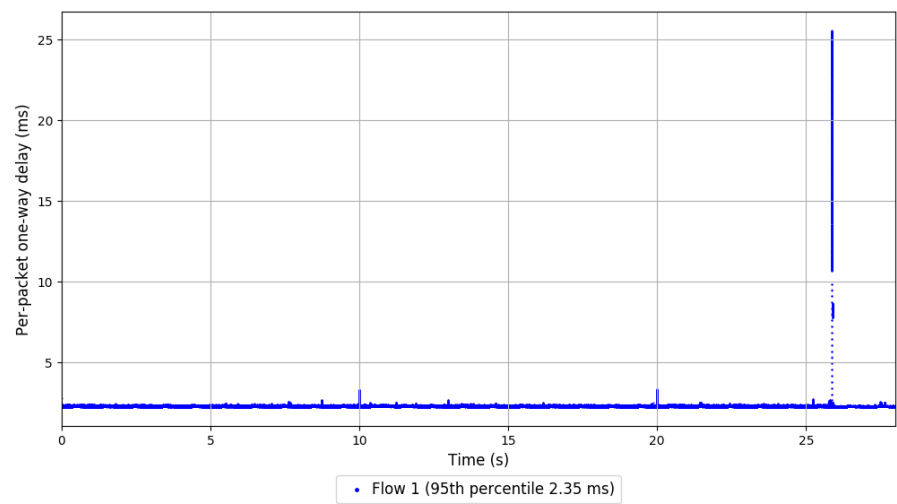
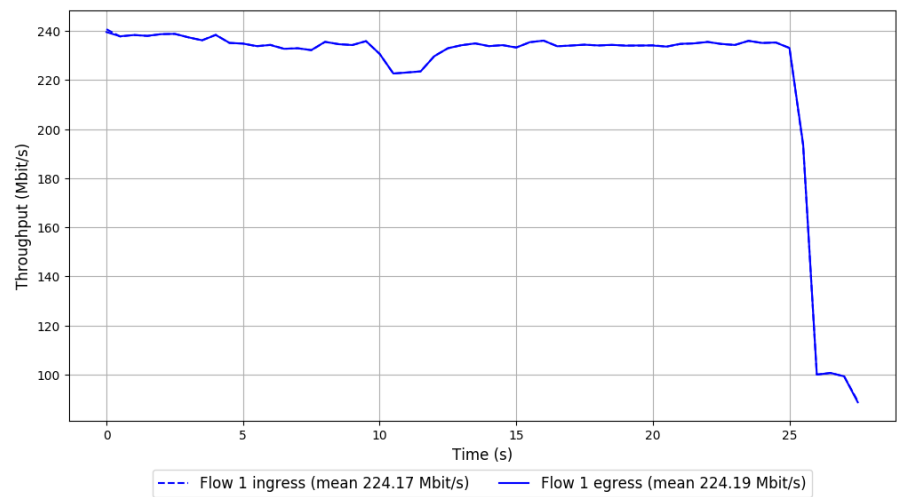
-- Flow 1:

Average throughput: 224.19 Mbit/s

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

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-12-05 11:46:05

End at: 2017-12-05 11:46:35

Local clock offset: -0.137 ms

Remote clock offset: 0.682 ms

Below is generated by plot.py at 2017-12-05 17:01:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 231.38 Mbit/s

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

Loss rate: 0.02%

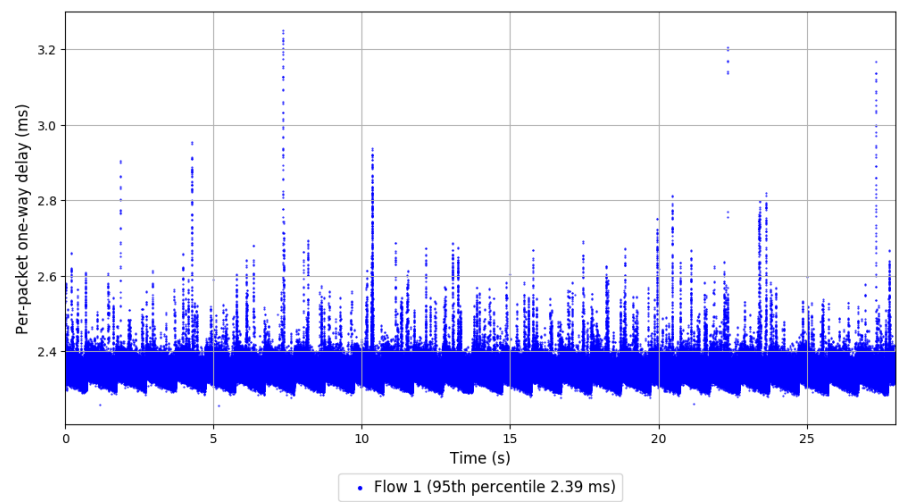
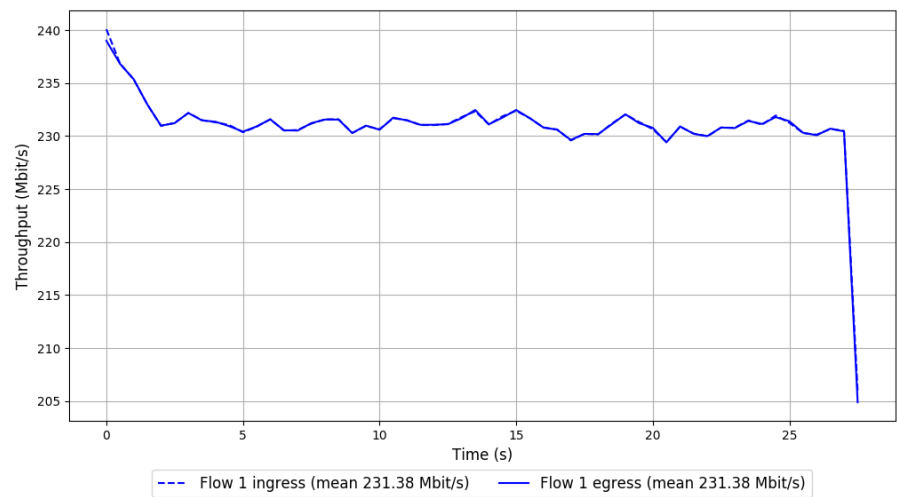
-- Flow 1:

Average throughput: 231.38 Mbit/s

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

Loss rate: 0.02%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-12-05 12:04:10

End at: 2017-12-05 12:04:40

Local clock offset: -0.156 ms

Remote clock offset: 0.582 ms

Below is generated by plot.py at 2017-12-05 17:02:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.15 Mbit/s

95th percentile per-packet one-way delay: 2.301 ms

Loss rate: 0.01%

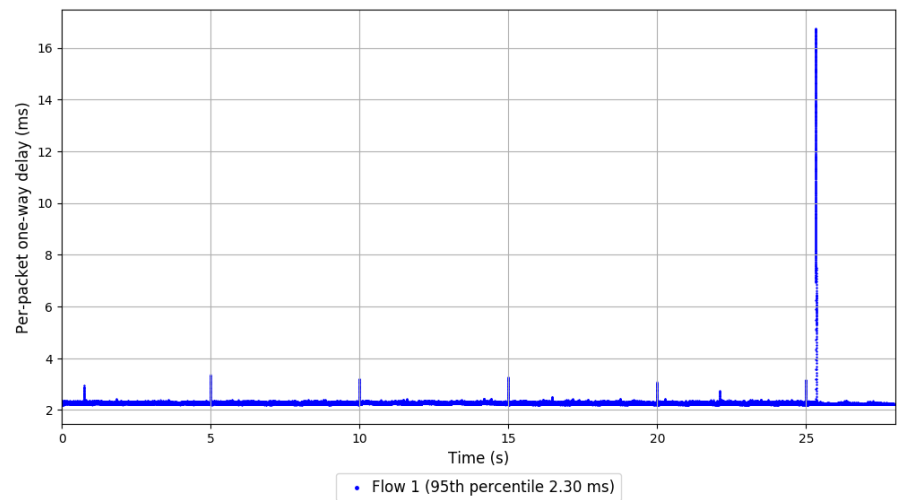
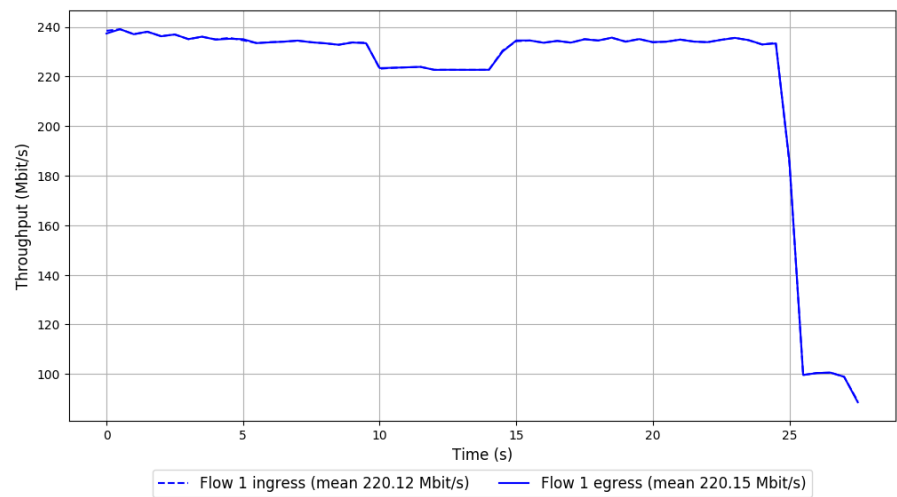
-- Flow 1:

Average throughput: 220.15 Mbit/s

95th percentile per-packet one-way delay: 2.301 ms

Loss rate: 0.01%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-12-05 12:22:35

End at: 2017-12-05 12:23:05

Local clock offset: -0.142 ms

Remote clock offset: 0.275 ms

Below is generated by plot.py at 2017-12-05 17:02:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 233.26 Mbit/s

95th percentile per-packet one-way delay: 2.359 ms

Loss rate: 0.02%

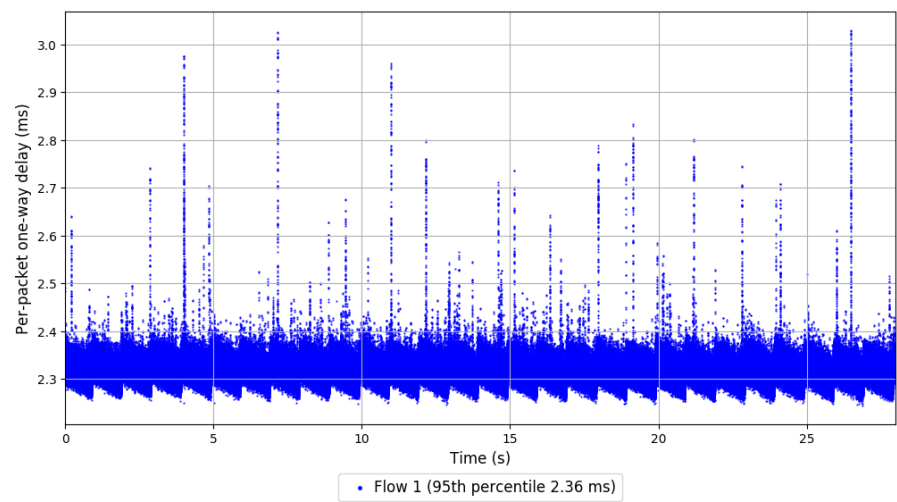
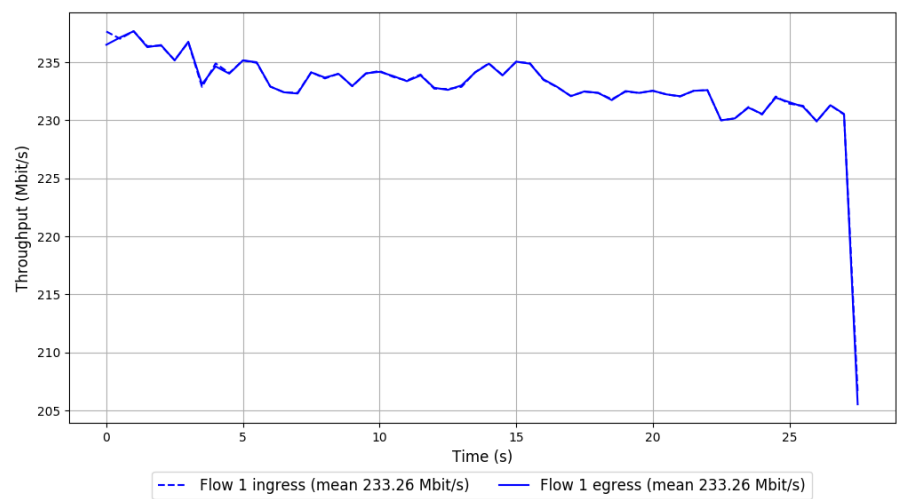
-- Flow 1:

Average throughput: 233.26 Mbit/s

95th percentile per-packet one-way delay: 2.359 ms

Loss rate: 0.02%

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

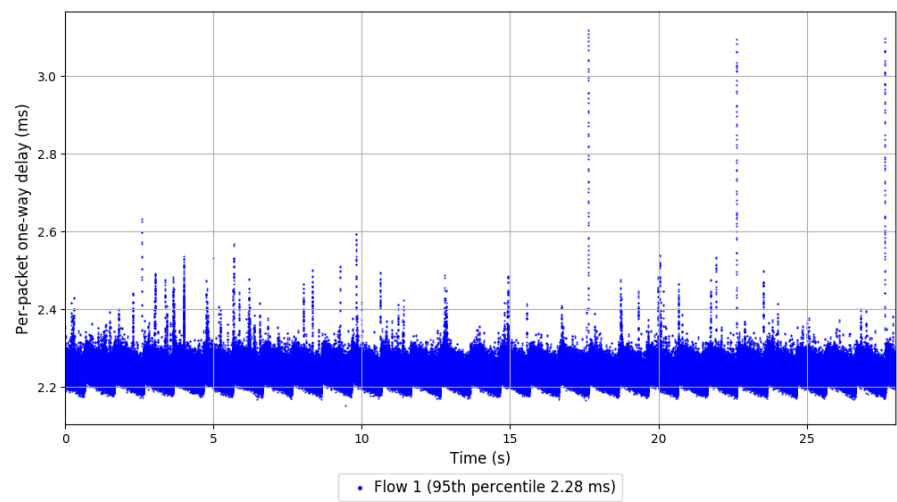
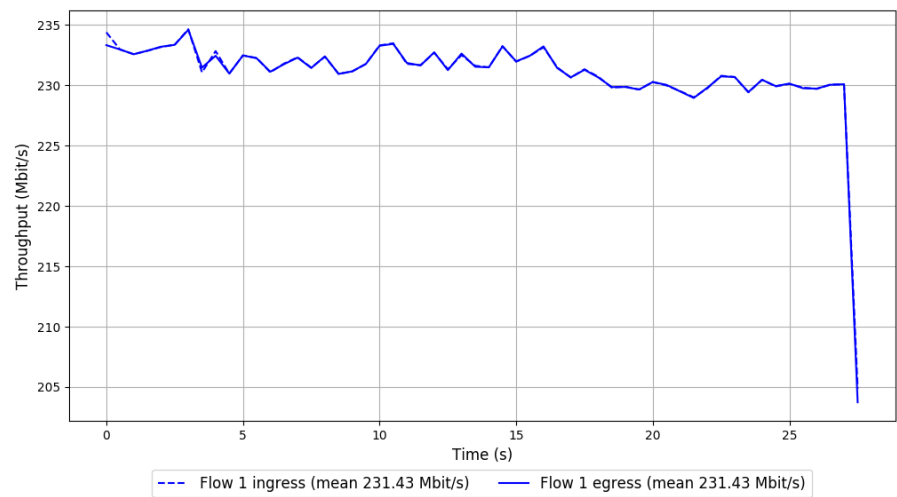


```
Run 10: Statistics of TaoVA-100x

Start at: 2017-12-05 12:40:25
End at: 2017-12-05 12:40:55
Local clock offset: -0.239 ms
Remote clock offset: 0.08 ms

# Below is generated by plot.py at 2017-12-05 17:03:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 231.43 Mbit/s
95th percentile per-packet one-way delay: 2.279 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 231.43 Mbit/s
95th percentile per-packet one-way delay: 2.279 ms
Loss rate: 0.02%
```

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



Run 1: Statistics of TCP Vegas

Start at: 2017-12-05 10:02:19

End at: 2017-12-05 10:02:49

Local clock offset: -0.449 ms

Remote clock offset: 0.209 ms

Below is generated by plot.py at 2017-12-05 17:06:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 634.74 Mbit/s

95th percentile per-packet one-way delay: 2.435 ms

Loss rate: 0.01%

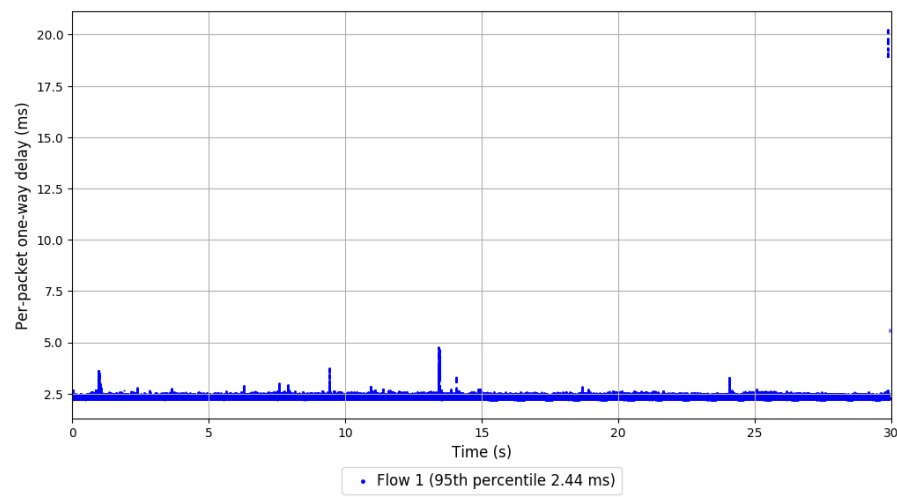
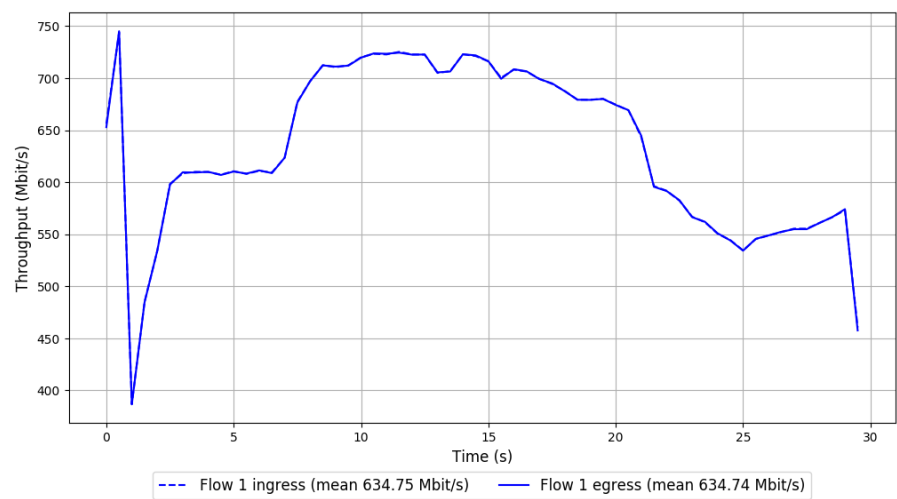
-- Flow 1:

Average throughput: 634.74 Mbit/s

95th percentile per-packet one-way delay: 2.435 ms

Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-12-05 10:20:36

End at: 2017-12-05 10:21:06

Local clock offset: -0.333 ms

Remote clock offset: 0.476 ms

Below is generated by plot.py at 2017-12-05 17:06:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 504.25 Mbit/s

95th percentile per-packet one-way delay: 2.430 ms

Loss rate: 0.02%

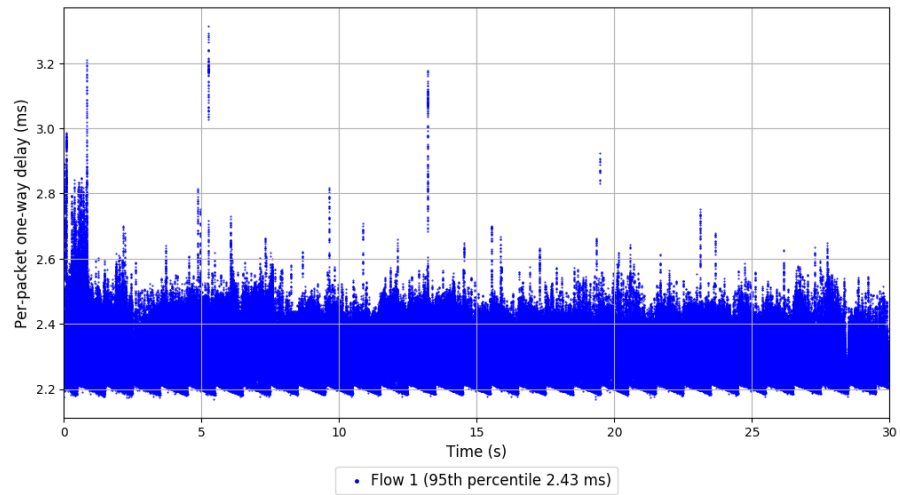
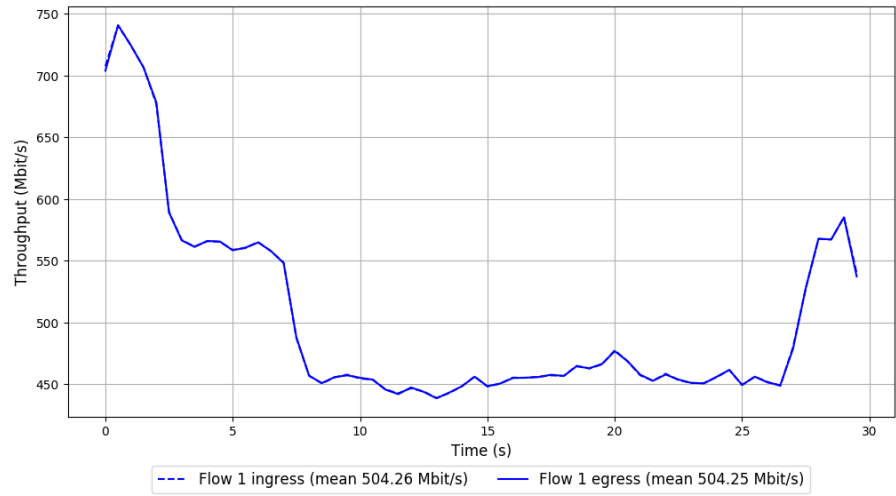
-- Flow 1:

Average throughput: 504.25 Mbit/s

95th percentile per-packet one-way delay: 2.430 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-12-05 10:38:44

End at: 2017-12-05 10:39:14

Local clock offset: -0.276 ms

Remote clock offset: 0.715 ms

Below is generated by plot.py at 2017-12-05 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 799.36 Mbit/s

95th percentile per-packet one-way delay: 2.439 ms

Loss rate: 0.02%

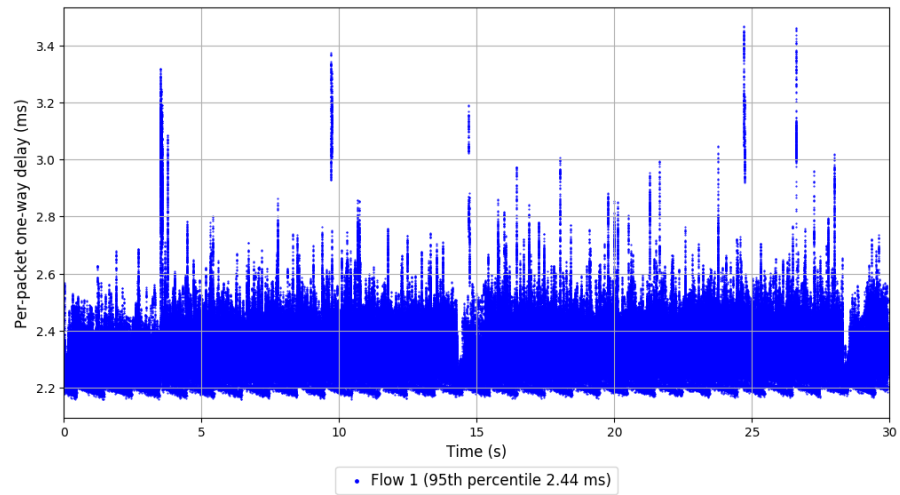
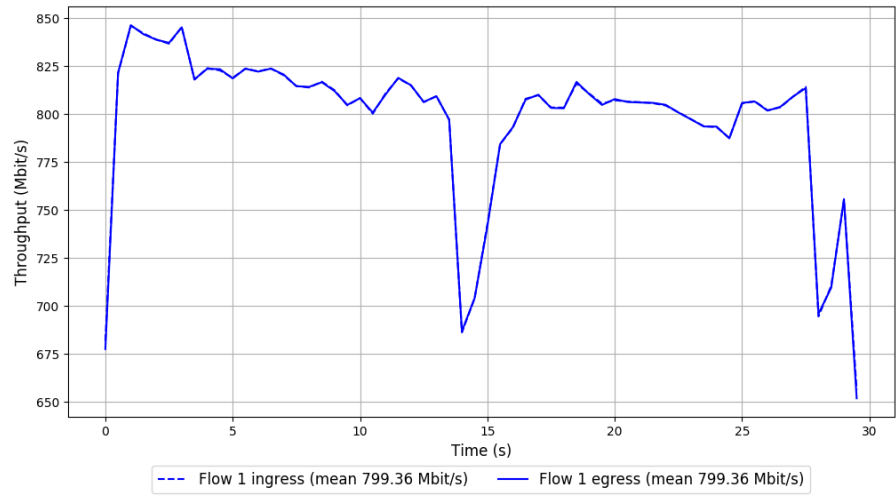
-- Flow 1:

Average throughput: 799.36 Mbit/s

95th percentile per-packet one-way delay: 2.439 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-12-05 10:57:06

End at: 2017-12-05 10:57:36

Local clock offset: -0.27 ms

Remote clock offset: 0.802 ms

Below is generated by plot.py at 2017-12-05 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 389.42 Mbit/s

95th percentile per-packet one-way delay: 2.350 ms

Loss rate: 0.01%

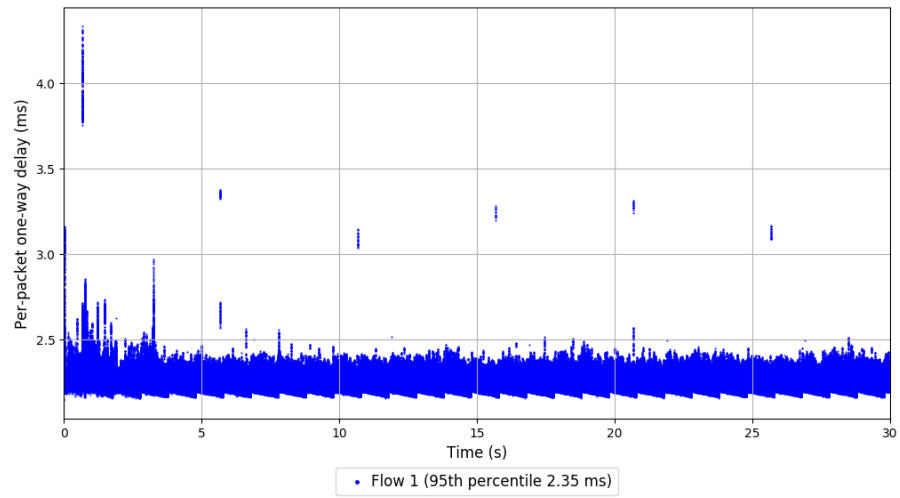
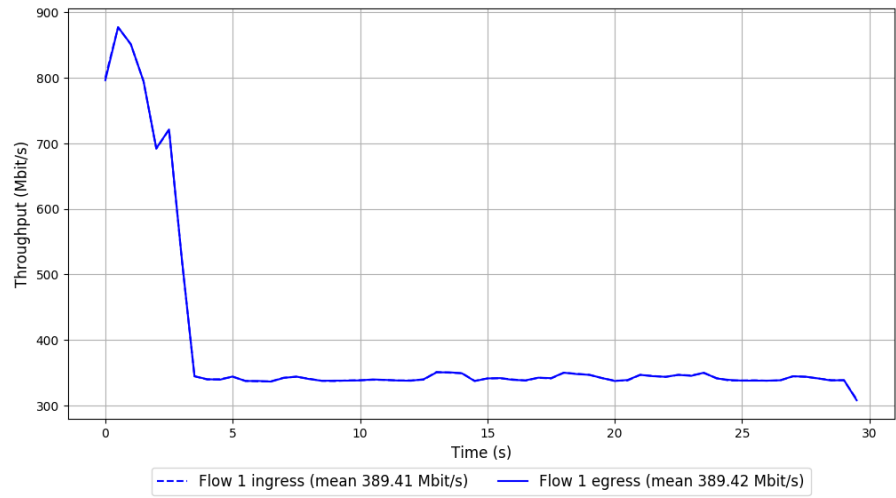
-- Flow 1:

Average throughput: 389.42 Mbit/s

95th percentile per-packet one-way delay: 2.350 ms

Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-12-05 11:15:17

End at: 2017-12-05 11:15:47

Local clock offset: -0.219 ms

Remote clock offset: 0.752 ms

Below is generated by plot.py at 2017-12-05 17:08:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 473.75 Mbit/s

95th percentile per-packet one-way delay: 2.528 ms

Loss rate: 0.01%

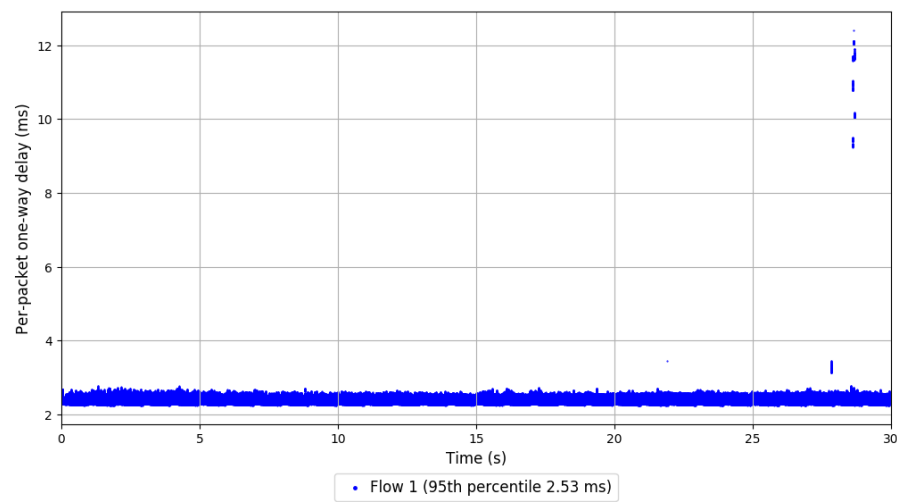
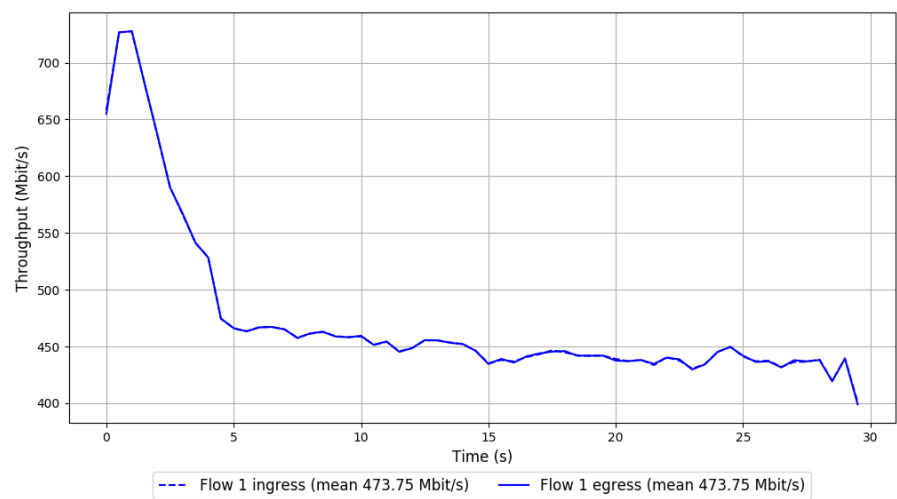
-- Flow 1:

Average throughput: 473.75 Mbit/s

95th percentile per-packet one-way delay: 2.528 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-12-05 11:33:07

End at: 2017-12-05 11:33:37

Local clock offset: -0.162 ms

Remote clock offset: 0.751 ms

Below is generated by plot.py at 2017-12-05 17:09:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 530.07 Mbit/s

95th percentile per-packet one-way delay: 2.509 ms

Loss rate: 0.01%

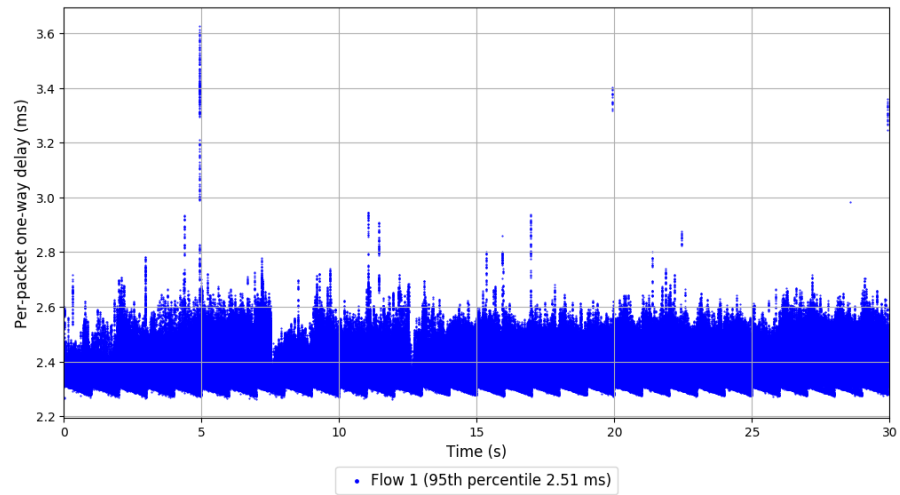
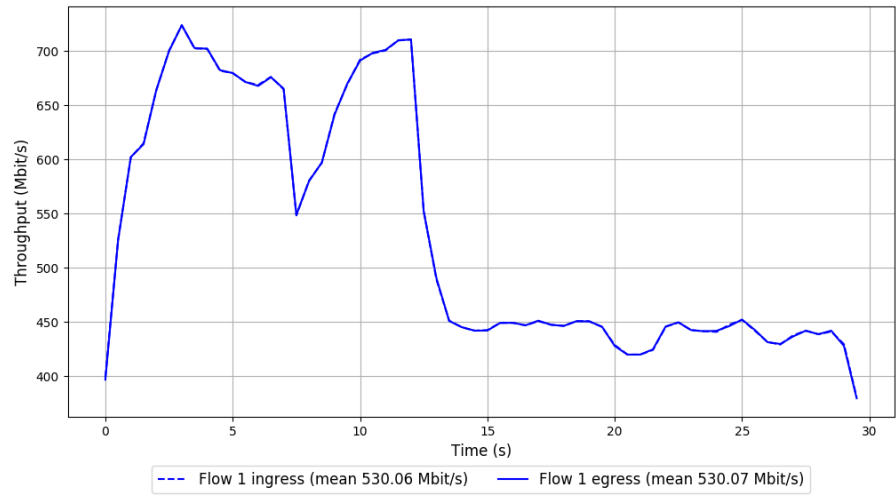
-- Flow 1:

Average throughput: 530.07 Mbit/s

95th percentile per-packet one-way delay: 2.509 ms

Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-12-05 11:51:12

End at: 2017-12-05 11:51:42

Local clock offset: -0.141 ms

Remote clock offset: 0.712 ms

Below is generated by plot.py at 2017-12-05 17:09:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 337.96 Mbit/s

95th percentile per-packet one-way delay: 2.376 ms

Loss rate: 0.01%

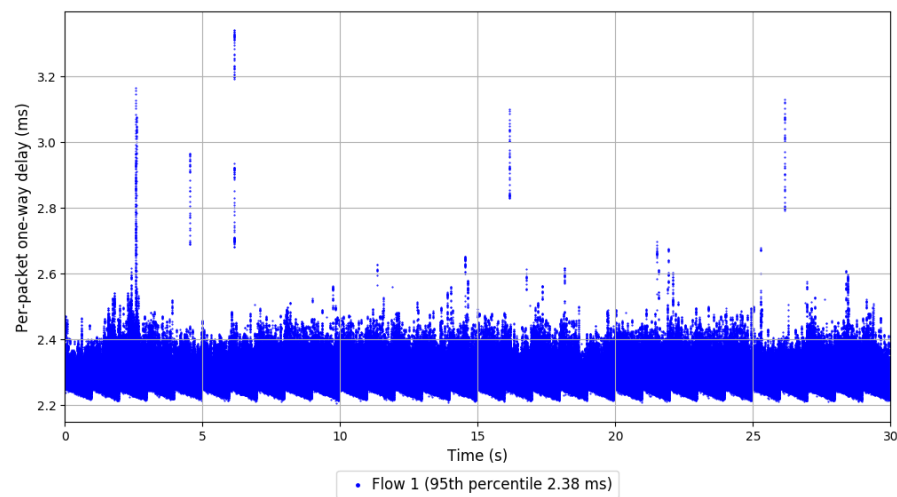
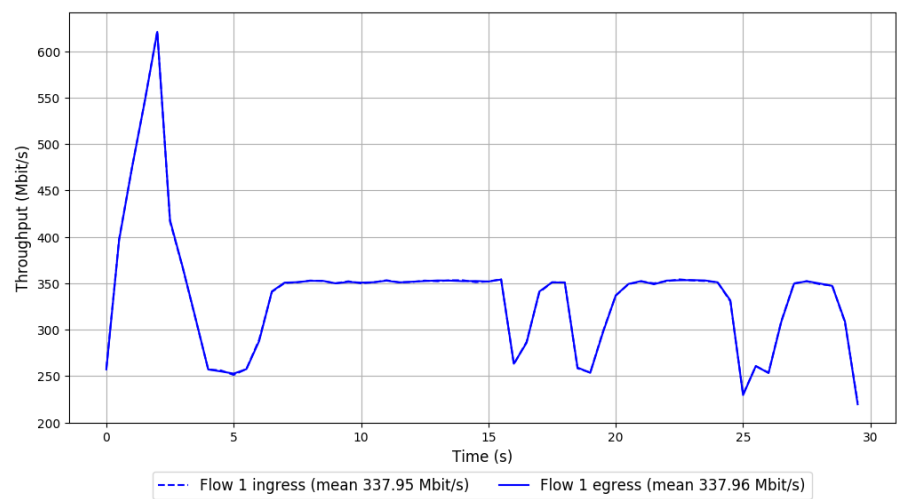
-- Flow 1:

Average throughput: 337.96 Mbit/s

95th percentile per-packet one-way delay: 2.376 ms

Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link

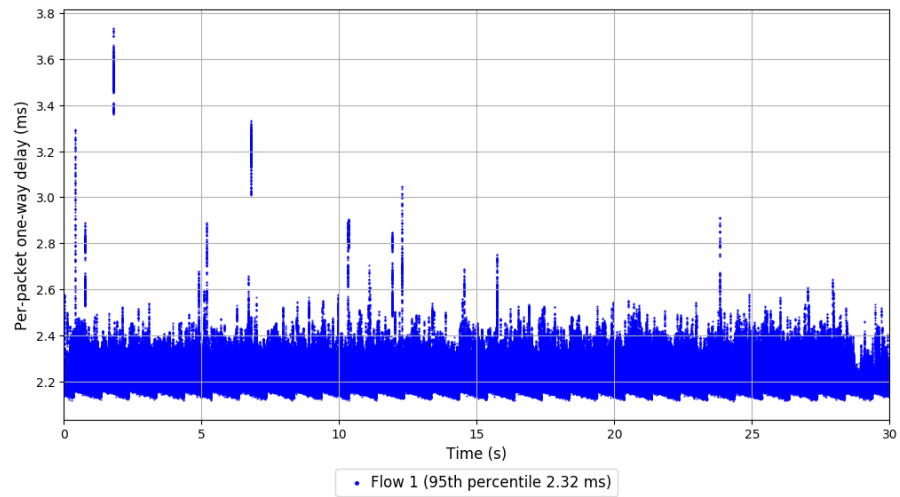
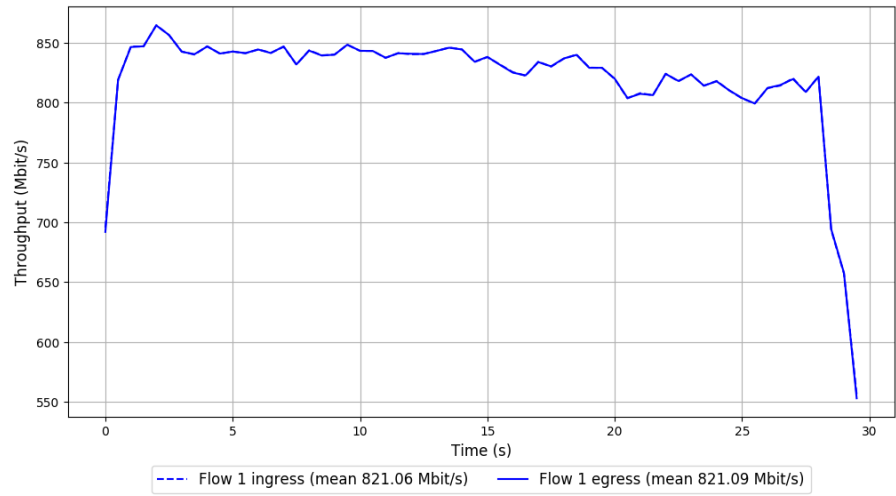


Run 8: Statistics of TCP Vegas

Start at: 2017-12-05 12:09:16
End at: 2017-12-05 12:09:46
Local clock offset: -0.222 ms
Remote clock offset: 0.523 ms

Below is generated by plot.py at 2017-12-05 17:15:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 821.09 Mbit/s
95th percentile per-packet one-way delay: 2.317 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 821.09 Mbit/s
95th percentile per-packet one-way delay: 2.317 ms
Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-12-05 12:27:41

End at: 2017-12-05 12:28:11

Local clock offset: -0.151 ms

Remote clock offset: 0.237 ms

Below is generated by plot.py at 2017-12-05 17:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 650.68 Mbit/s

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

Loss rate: 0.01%

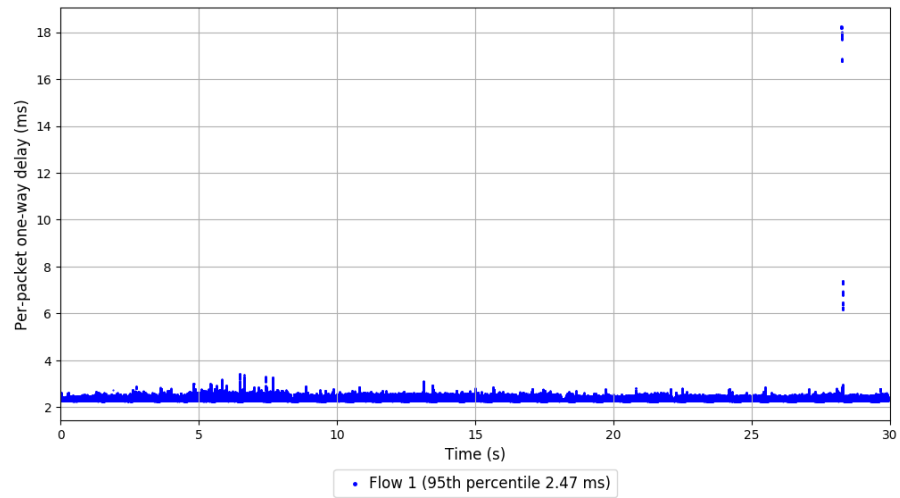
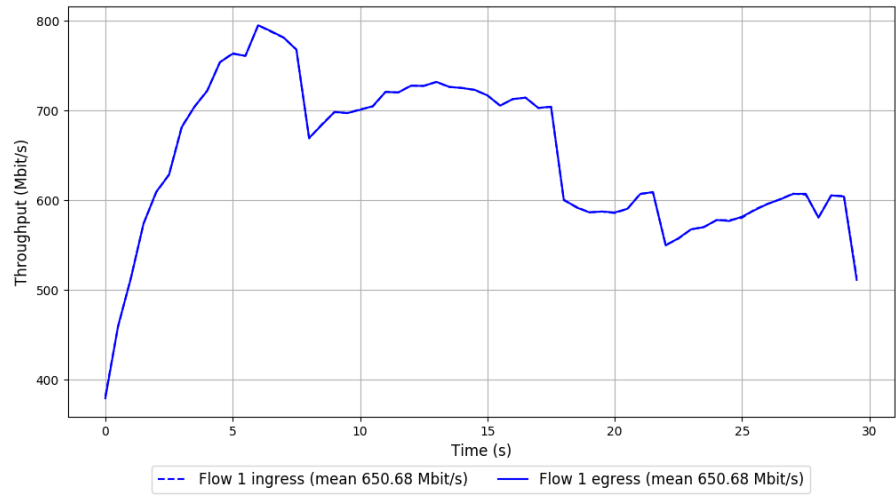
-- Flow 1:

Average throughput: 650.68 Mbit/s

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

Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-12-05 12:45:32

End at: 2017-12-05 12:46:02

Local clock offset: -0.18 ms

Remote clock offset: 0.111 ms

Below is generated by plot.py at 2017-12-05 17:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 420.27 Mbit/s

95th percentile per-packet one-way delay: 2.868 ms

Loss rate: 0.01%

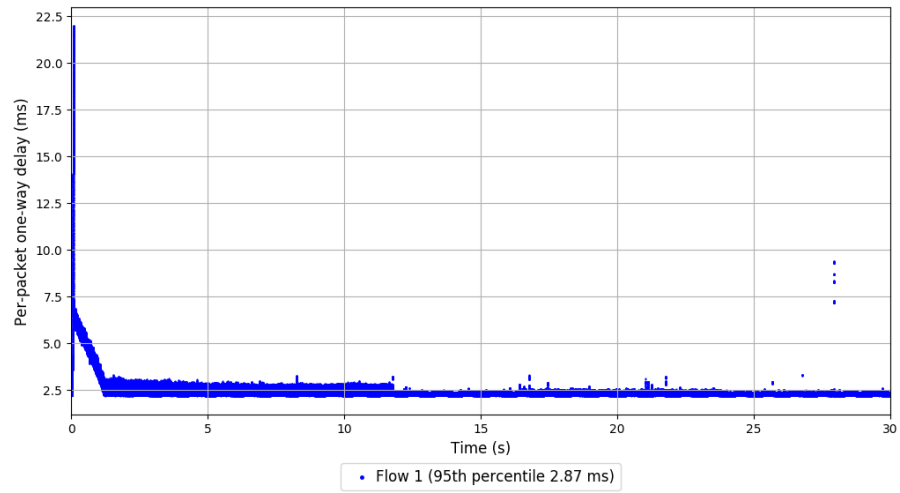
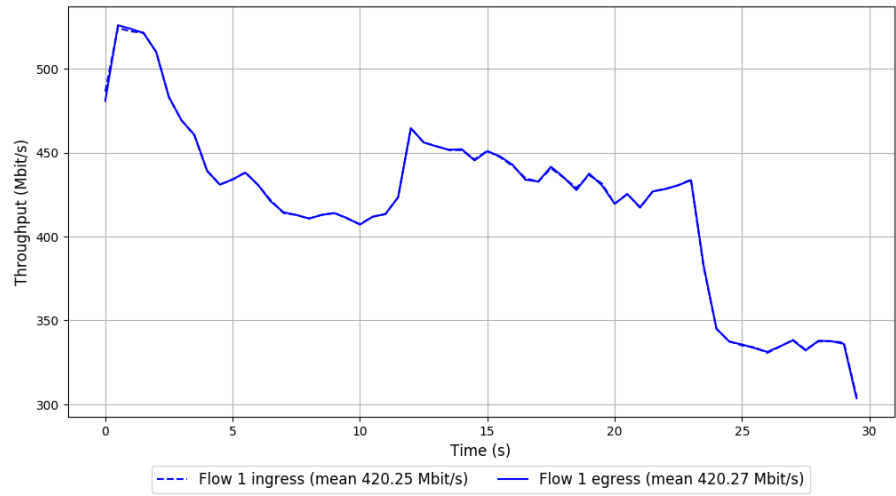
-- Flow 1:

Average throughput: 420.27 Mbit/s

95th percentile per-packet one-way delay: 2.868 ms

Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

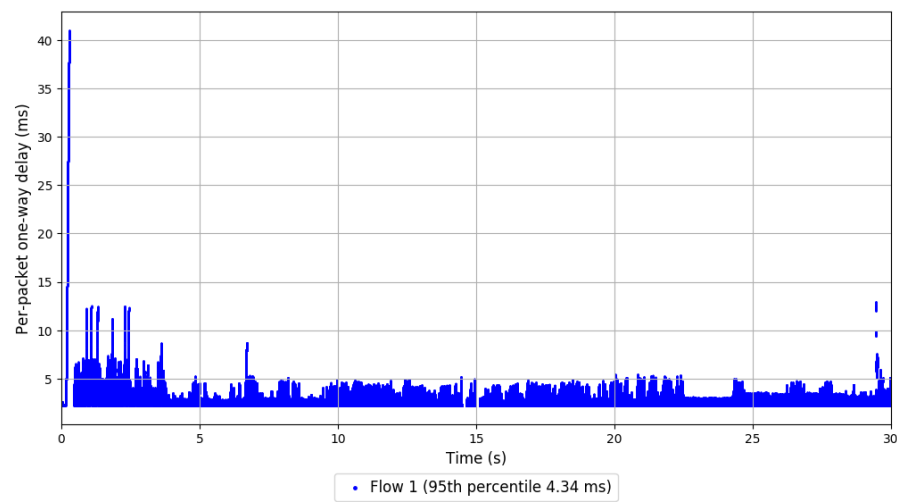
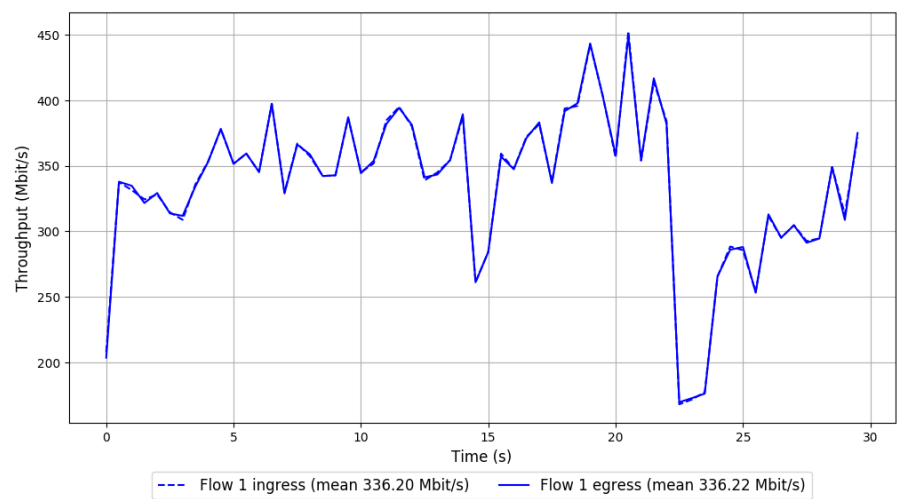


Run 1: Statistics of Verus

Start at: 2017-12-05 09:47:43
End at: 2017-12-05 09:48:13
Local clock offset: -0.7 ms
Remote clock offset: -0.014 ms

Below is generated by plot.py at 2017-12-05 17:15:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 336.22 Mbit/s
95th percentile per-packet one-way delay: 4.336 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 336.22 Mbit/s
95th percentile per-packet one-way delay: 4.336 ms
Loss rate: 0.01%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-12-05 10:06:03

End at: 2017-12-05 10:06:33

Local clock offset: -0.443 ms

Remote clock offset: 0.212 ms

Below is generated by plot.py at 2017-12-05 17:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 283.60 Mbit/s

95th percentile per-packet one-way delay: 4.466 ms

Loss rate: 0.02%

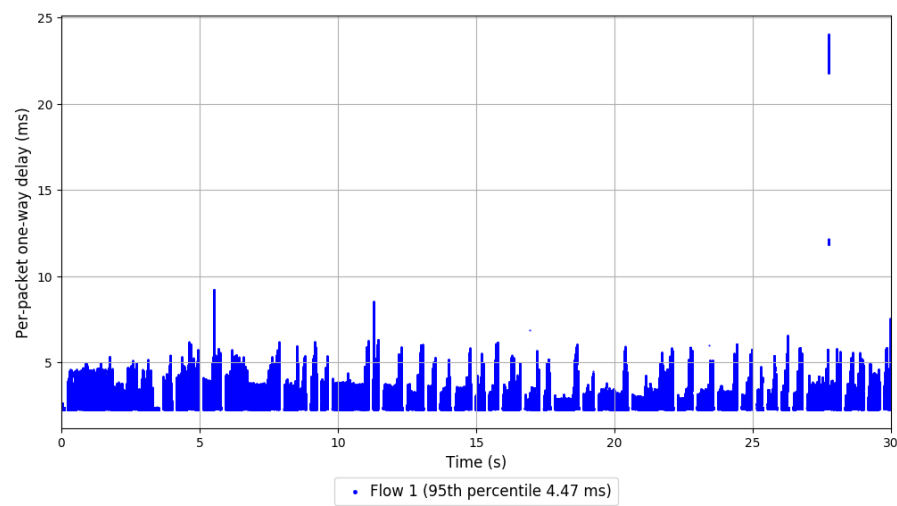
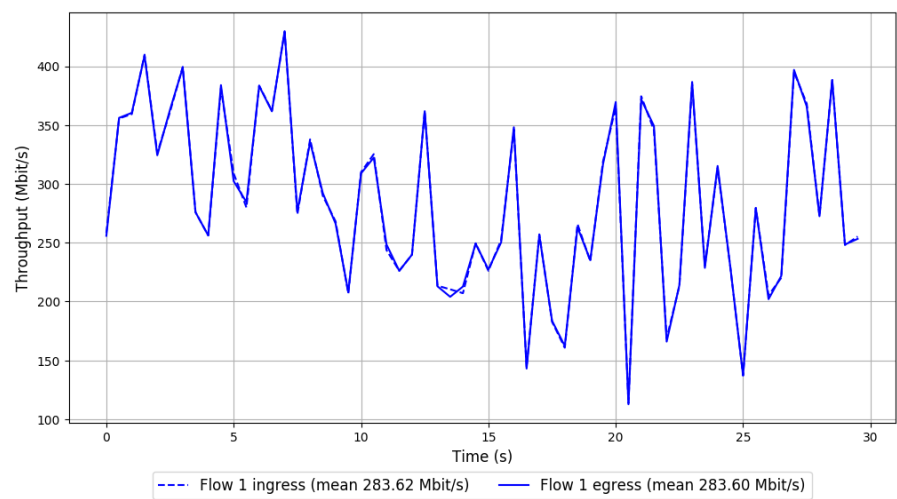
-- Flow 1:

Average throughput: 283.60 Mbit/s

95th percentile per-packet one-way delay: 4.466 ms

Loss rate: 0.02%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-12-05 10:24:15

End at: 2017-12-05 10:24:45

Local clock offset: -0.353 ms

Remote clock offset: 0.531 ms

Below is generated by plot.py at 2017-12-05 17:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 314.14 Mbit/s

95th percentile per-packet one-way delay: 4.156 ms

Loss rate: 0.01%

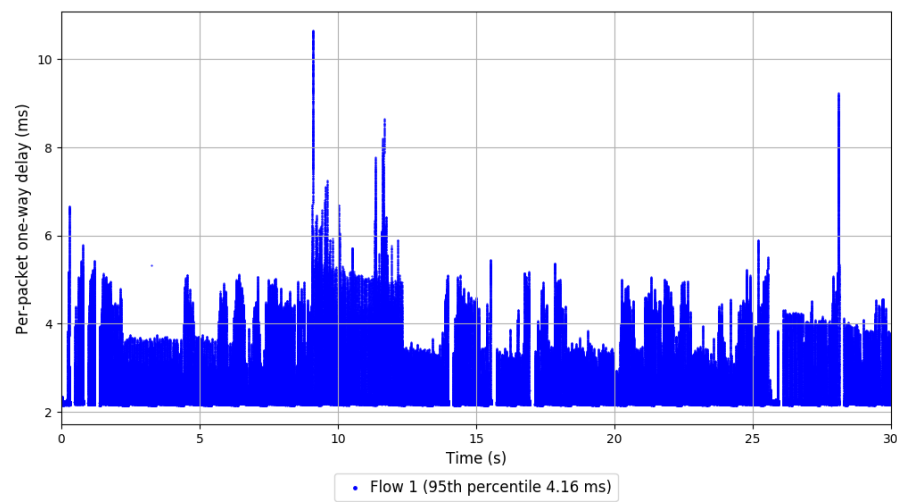
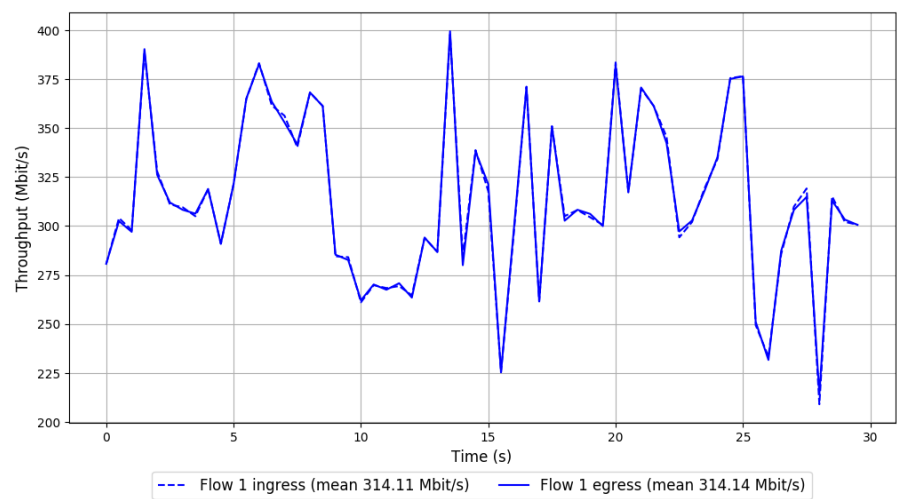
-- Flow 1:

Average throughput: 314.14 Mbit/s

95th percentile per-packet one-way delay: 4.156 ms

Loss rate: 0.01%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-12-05 10:42:35

End at: 2017-12-05 10:43:05

Local clock offset: -0.246 ms

Remote clock offset: 0.705 ms

Below is generated by plot.py at 2017-12-05 17:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 293.79 Mbit/s

95th percentile per-packet one-way delay: 3.582 ms

Loss rate: 0.02%

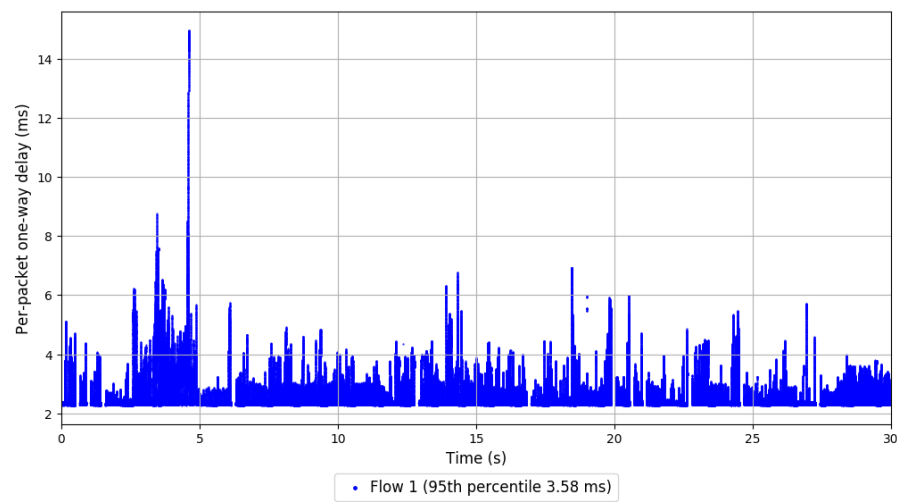
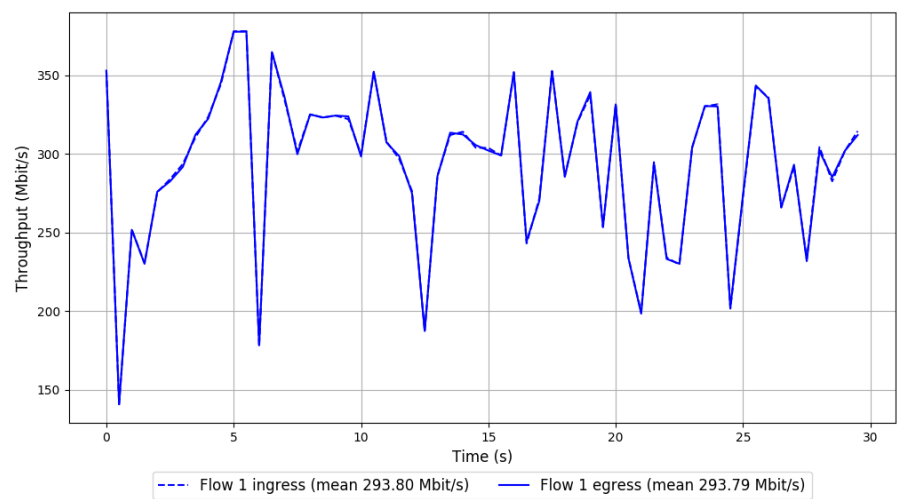
-- Flow 1:

Average throughput: 293.79 Mbit/s

95th percentile per-packet one-way delay: 3.582 ms

Loss rate: 0.02%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-12-05 11:00:40

End at: 2017-12-05 11:01:10

Local clock offset: -0.31 ms

Remote clock offset: 0.744 ms

Below is generated by plot.py at 2017-12-05 17:15:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 330.34 Mbit/s

95th percentile per-packet one-way delay: 4.405 ms

Loss rate: 0.01%

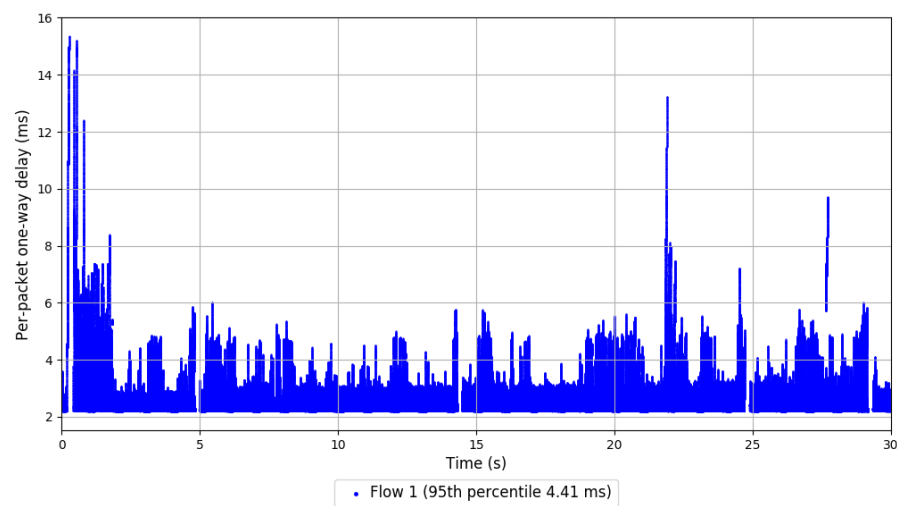
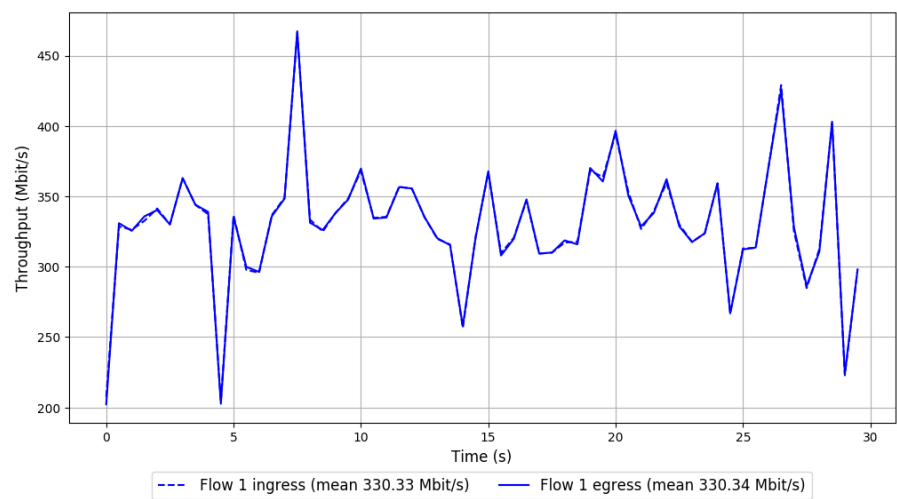
-- Flow 1:

Average throughput: 330.34 Mbit/s

95th percentile per-packet one-way delay: 4.405 ms

Loss rate: 0.01%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-12-05 11:18:54

End at: 2017-12-05 11:19:24

Local clock offset: -0.204 ms

Remote clock offset: 0.758 ms

Below is generated by plot.py at 2017-12-05 17:15:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 306.18 Mbit/s

95th percentile per-packet one-way delay: 4.299 ms

Loss rate: 0.02%

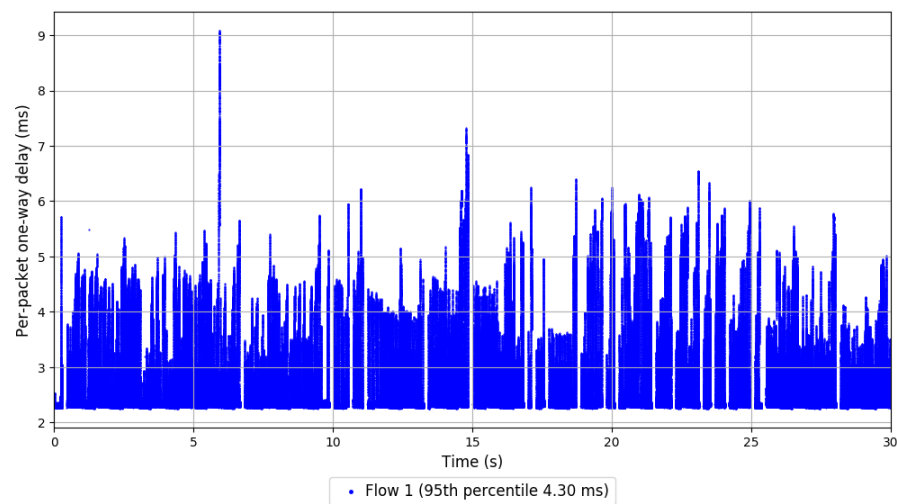
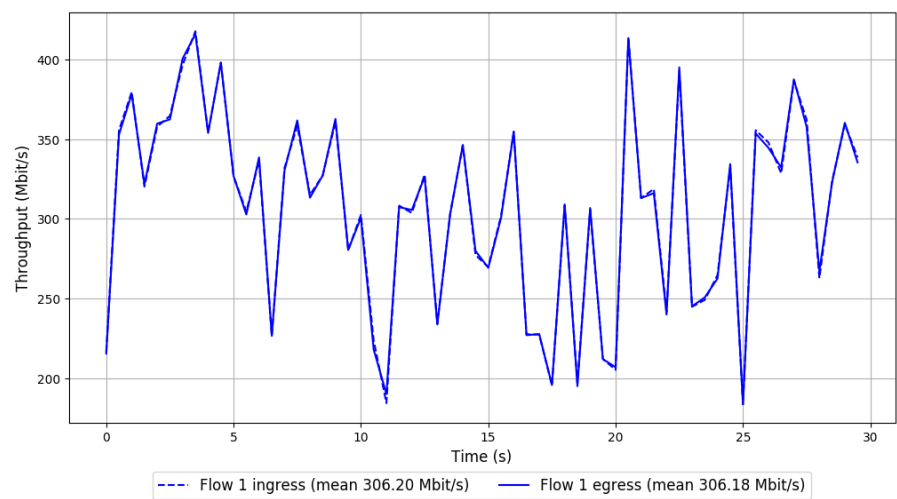
-- Flow 1:

Average throughput: 306.18 Mbit/s

95th percentile per-packet one-way delay: 4.299 ms

Loss rate: 0.02%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-12-05 11:36:47

End at: 2017-12-05 11:37:17

Local clock offset: -0.163 ms

Remote clock offset: 0.82 ms

Below is generated by plot.py at 2017-12-05 17:16:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 296.45 Mbit/s

95th percentile per-packet one-way delay: 3.775 ms

Loss rate: 0.02%

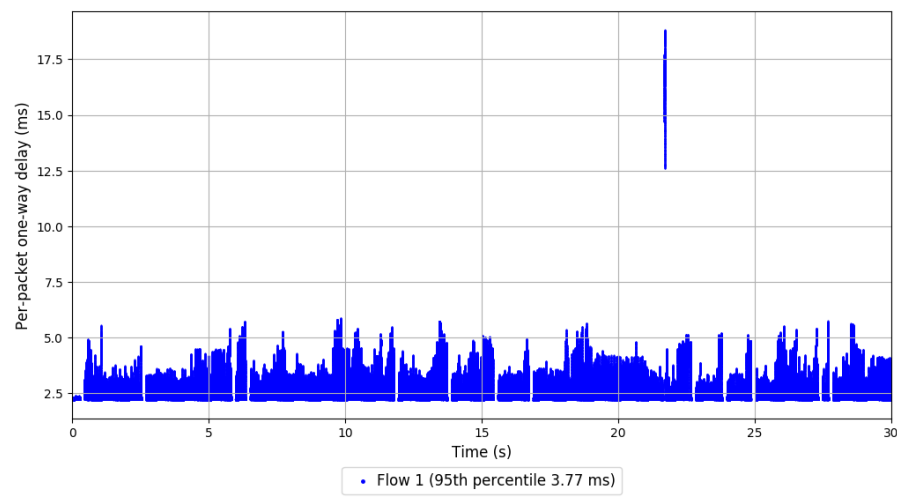
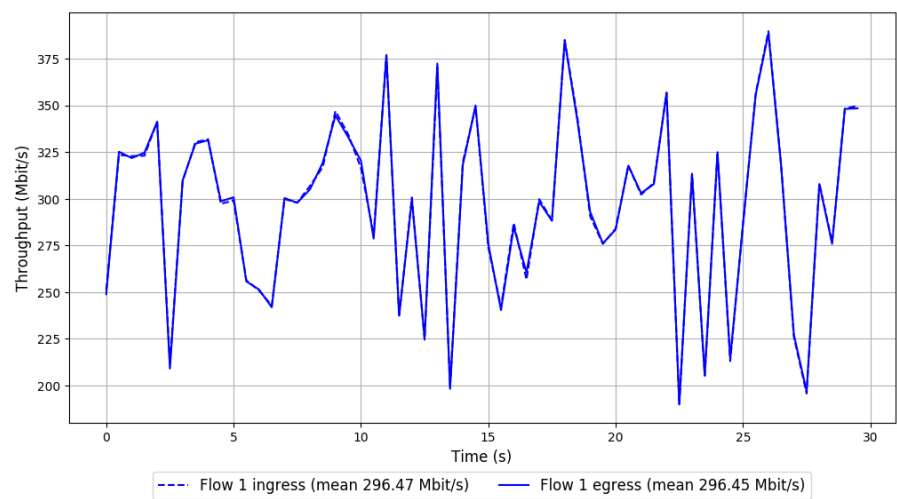
-- Flow 1:

Average throughput: 296.45 Mbit/s

95th percentile per-packet one-way delay: 3.775 ms

Loss rate: 0.02%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-12-05 11:54:44

End at: 2017-12-05 11:55:14

Local clock offset: -0.159 ms

Remote clock offset: 0.708 ms

Below is generated by plot.py at 2017-12-05 17:16:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.52 Mbit/s

95th percentile per-packet one-way delay: 3.986 ms

Loss rate: 0.02%

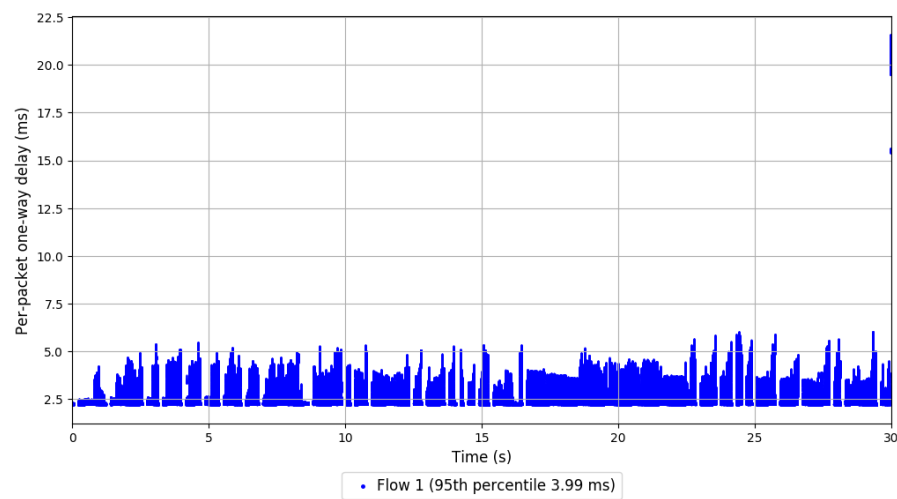
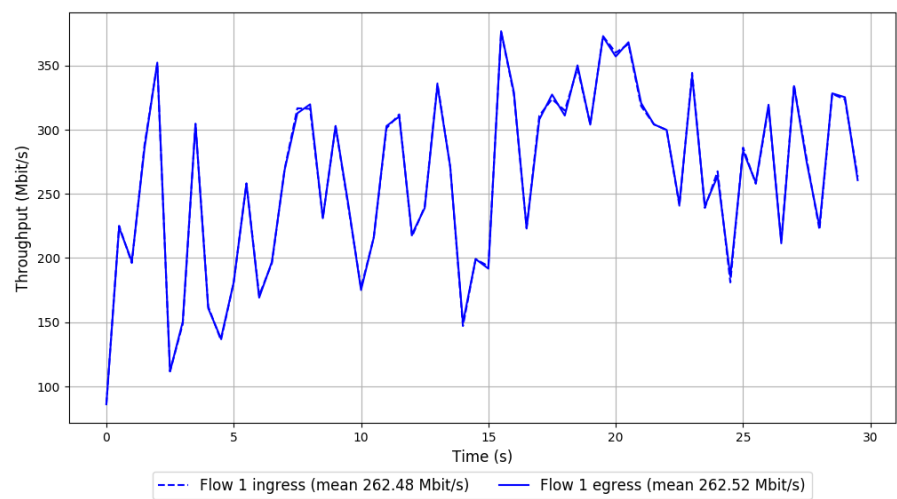
-- Flow 1:

Average throughput: 262.52 Mbit/s

95th percentile per-packet one-way delay: 3.986 ms

Loss rate: 0.02%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-12-05 12:13:08

End at: 2017-12-05 12:13:38

Local clock offset: -0.158 ms

Remote clock offset: 0.471 ms

Below is generated by plot.py at 2017-12-05 17:16:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 271.27 Mbit/s

95th percentile per-packet one-way delay: 3.839 ms

Loss rate: 0.01%

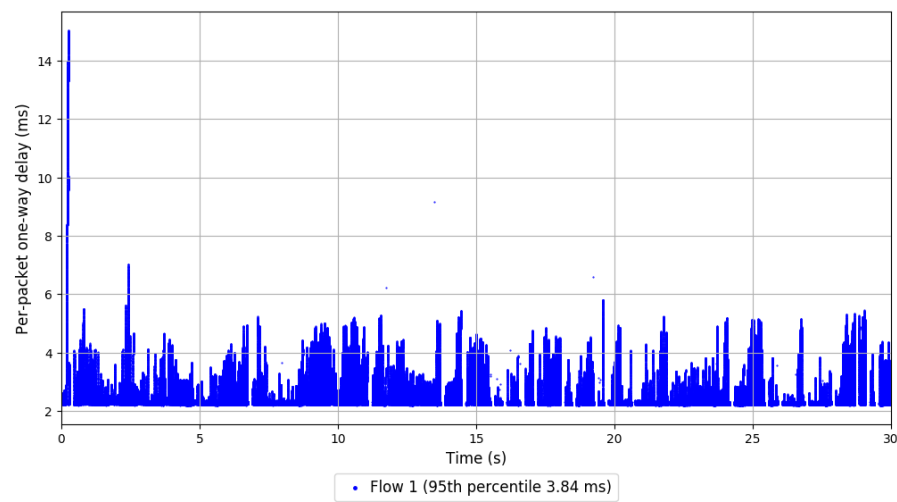
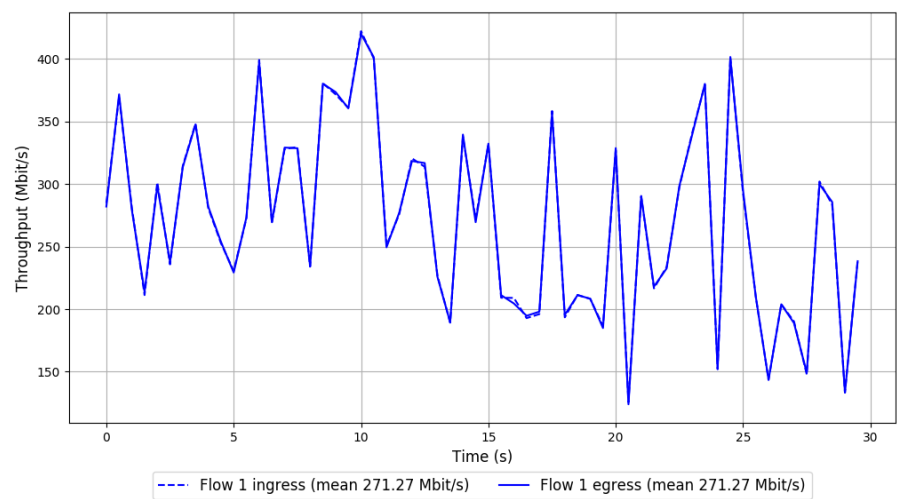
-- Flow 1:

Average throughput: 271.27 Mbit/s

95th percentile per-packet one-way delay: 3.839 ms

Loss rate: 0.01%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-12-05 12:31:26

End at: 2017-12-05 12:31:56

Local clock offset: -0.139 ms

Remote clock offset: 0.176 ms

Below is generated by plot.py at 2017-12-05 17:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 305.76 Mbit/s

95th percentile per-packet one-way delay: 3.955 ms

Loss rate: 0.03%

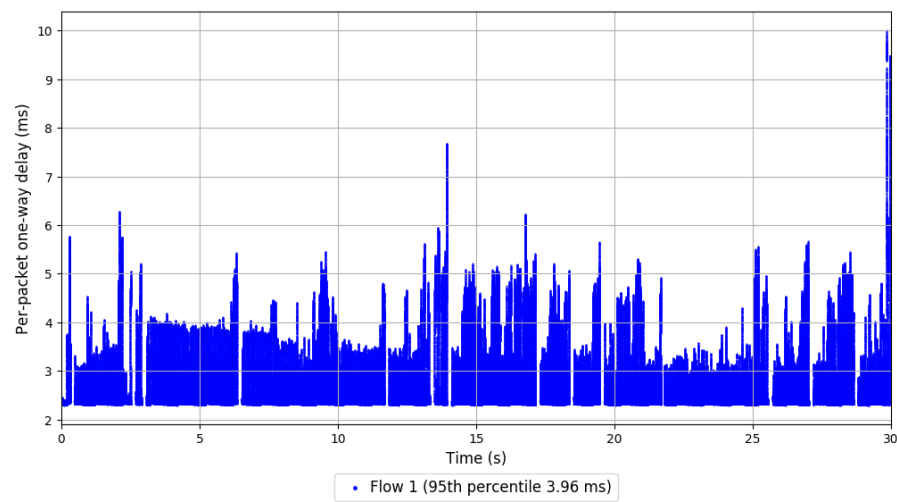
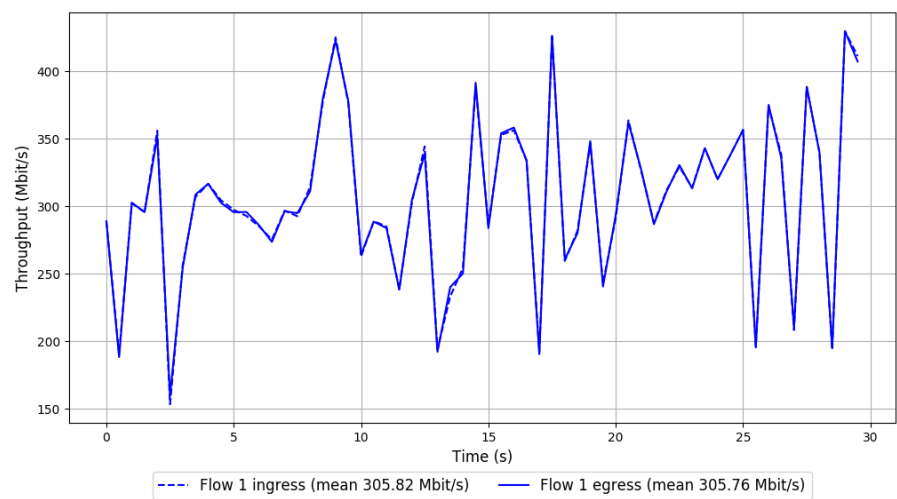
-- Flow 1:

Average throughput: 305.76 Mbit/s

95th percentile per-packet one-way delay: 3.955 ms

Loss rate: 0.03%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2017-12-05 10:04:52

End at: 2017-12-05 10:05:22

Local clock offset: -0.423 ms

Remote clock offset: 0.261 ms

Below is generated by plot.py at 2017-12-05 17:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.94 Mbit/s

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

Loss rate: 0.01%

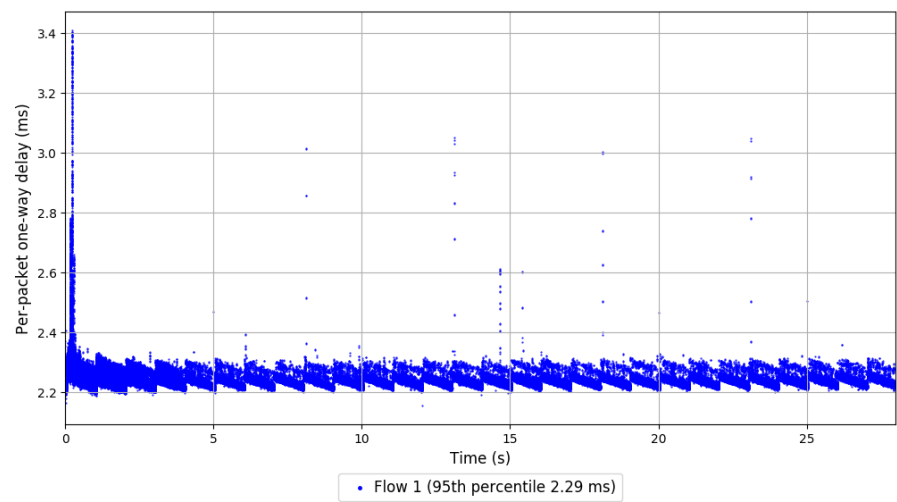
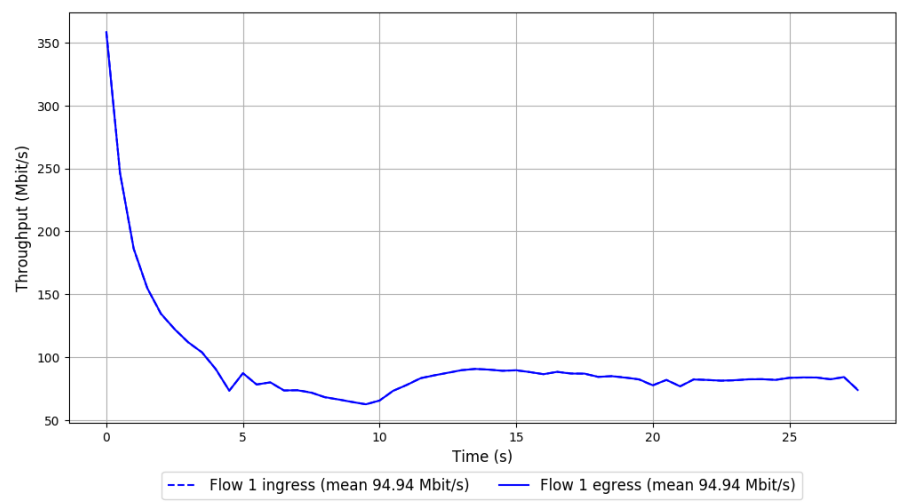
-- Flow 1:

Average throughput: 94.94 Mbit/s

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

Loss rate: 0.01%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-12-05 10:23:05

End at: 2017-12-05 10:23:35

Local clock offset: -0.29 ms

Remote clock offset: 0.532 ms

Below is generated by plot.py at 2017-12-05 17:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.01%

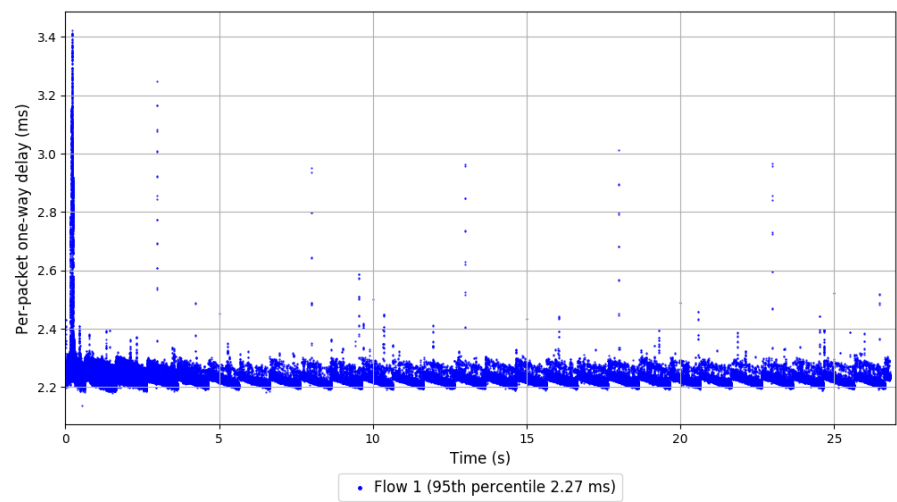
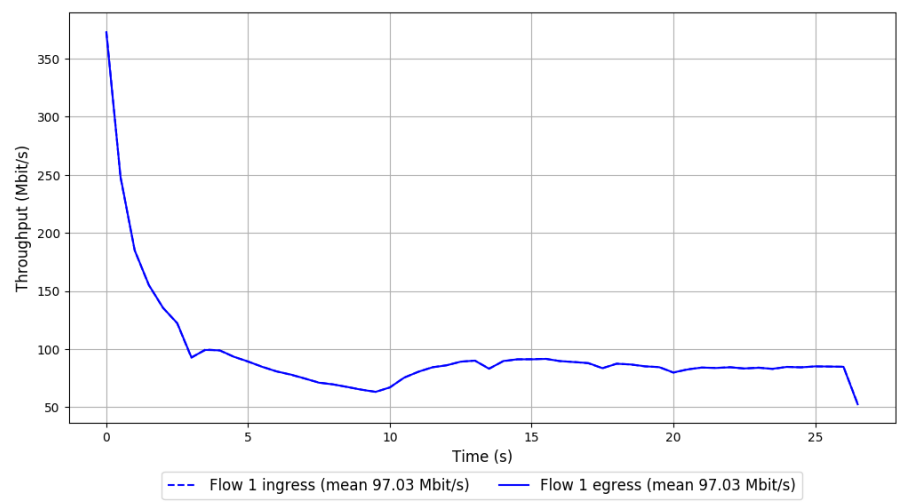
-- Flow 1:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.01%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2017-12-05 10:41:24

End at: 2017-12-05 10:41:54

Local clock offset: -0.249 ms

Remote clock offset: 0.742 ms

Below is generated by plot.py at 2017-12-05 17:17:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 2.303 ms

Loss rate: 0.01%

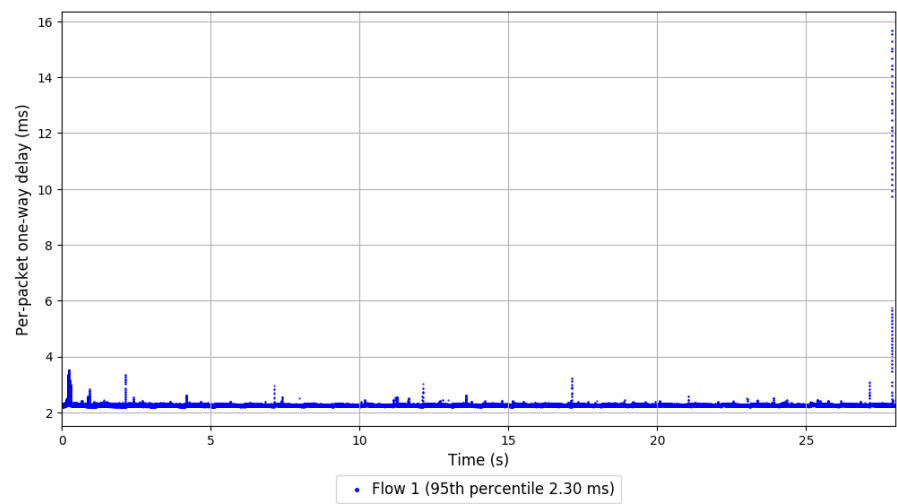
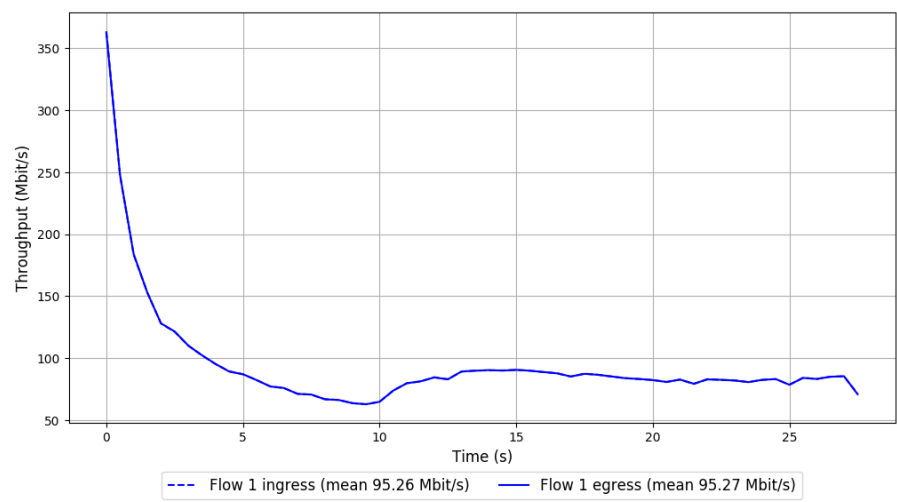
-- Flow 1:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 2.303 ms

Loss rate: 0.01%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-12-05 10:59:30

End at: 2017-12-05 11:00:00

Local clock offset: -0.205 ms

Remote clock offset: 0.748 ms

Below is generated by plot.py at 2017-12-05 17:18:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 2.382 ms

Loss rate: 0.02%

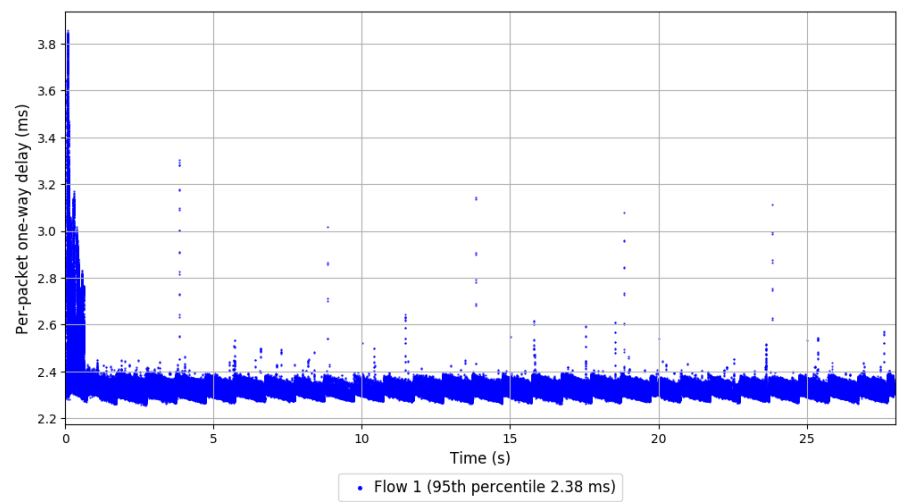
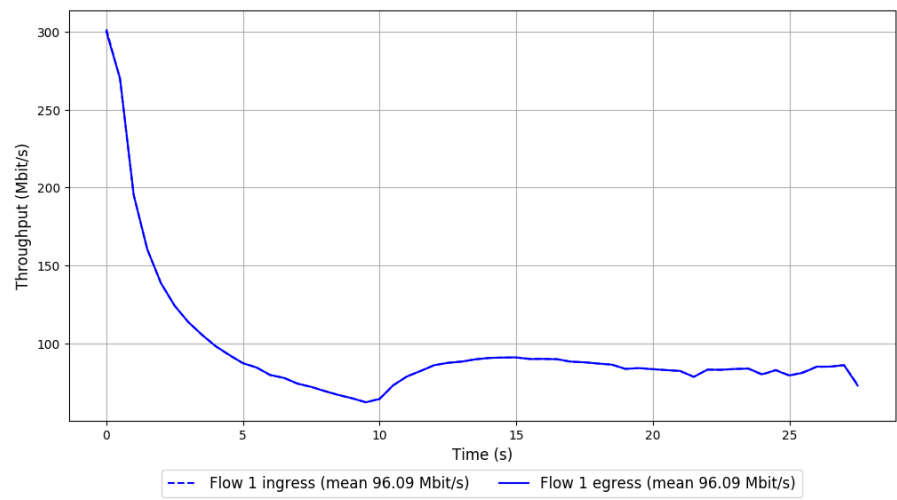
-- Flow 1:

Average throughput: 96.09 Mbit/s

95th percentile per-packet one-way delay: 2.382 ms

Loss rate: 0.02%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-12-05 11:17:44

End at: 2017-12-05 11:18:14

Local clock offset: -0.176 ms

Remote clock offset: 0.816 ms

Below is generated by plot.py at 2017-12-05 17:18:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 2.315 ms

Loss rate: 0.01%

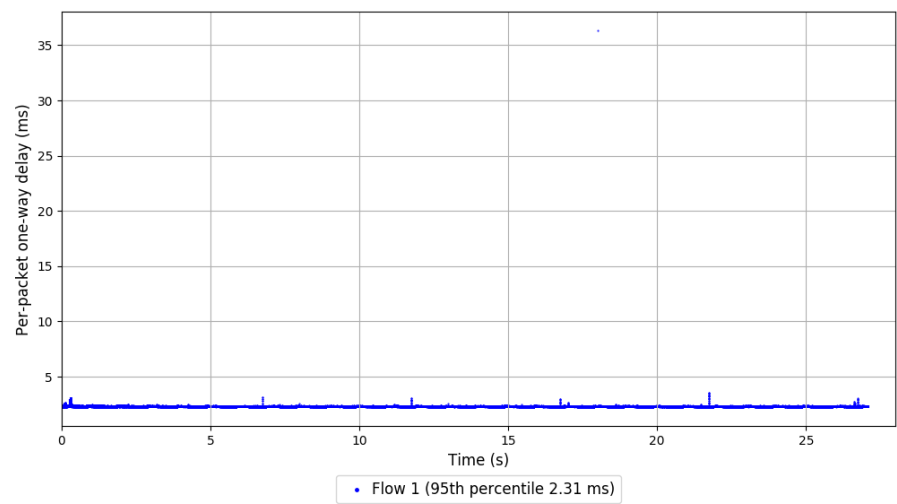
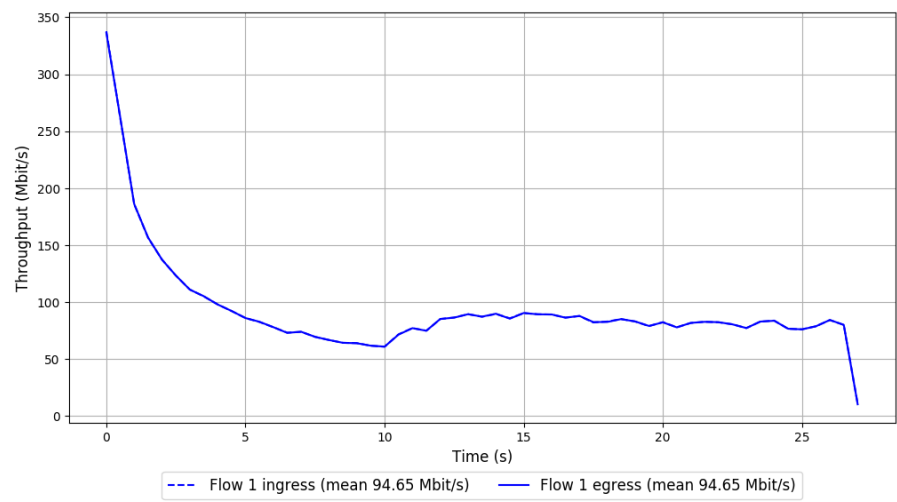
-- Flow 1:

Average throughput: 94.65 Mbit/s

95th percentile per-packet one-way delay: 2.315 ms

Loss rate: 0.01%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-12-05 11:35:36

End at: 2017-12-05 11:36:06

Local clock offset: -0.232 ms

Remote clock offset: 0.755 ms

Below is generated by plot.py at 2017-12-05 17:18:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.75 Mbit/s

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

Loss rate: 0.01%

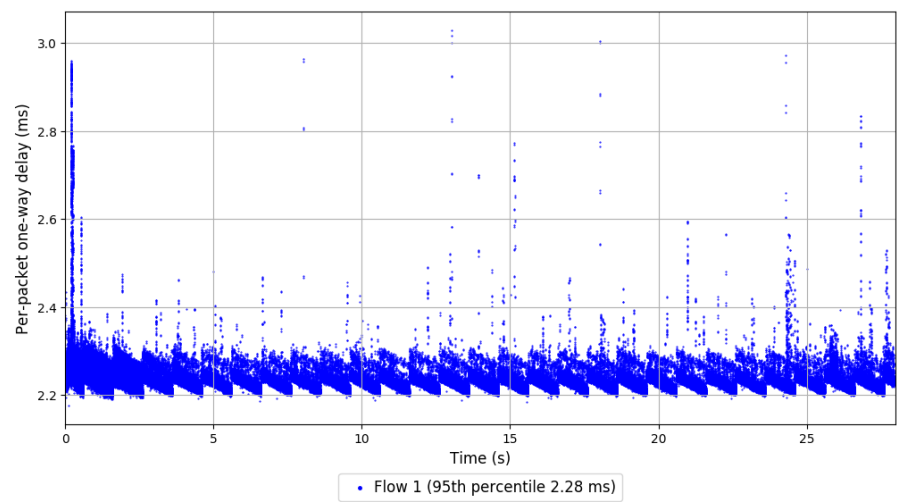
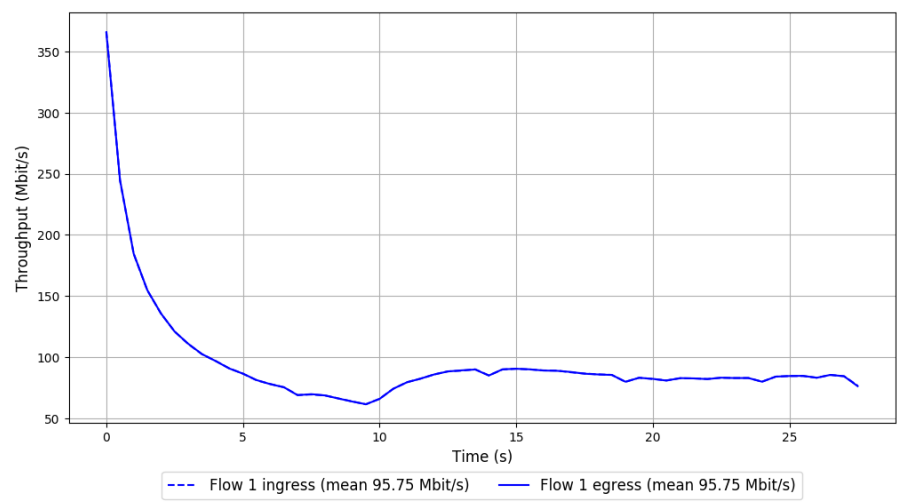
-- Flow 1:

Average throughput: 95.75 Mbit/s

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

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-12-05 11:53:34

End at: 2017-12-05 11:54:04

Local clock offset: -0.235 ms

Remote clock offset: 0.703 ms

Below is generated by plot.py at 2017-12-05 17:18:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 2.200 ms

Loss rate: 0.01%

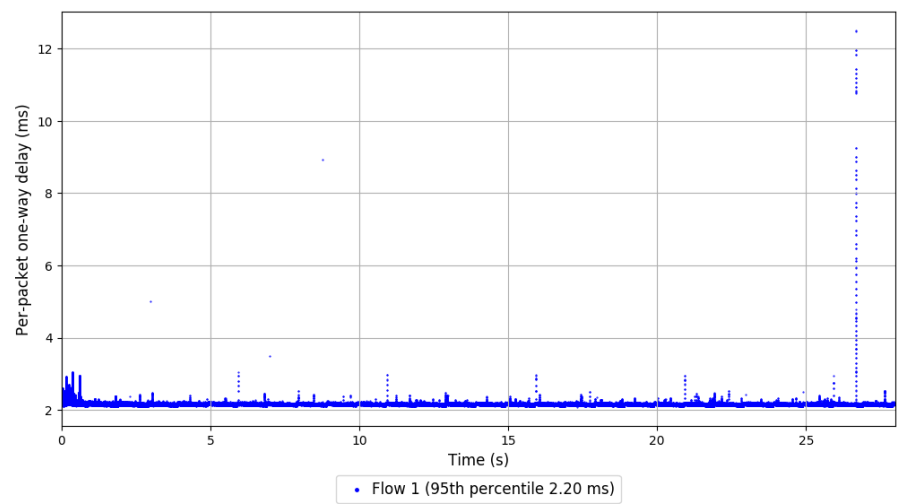
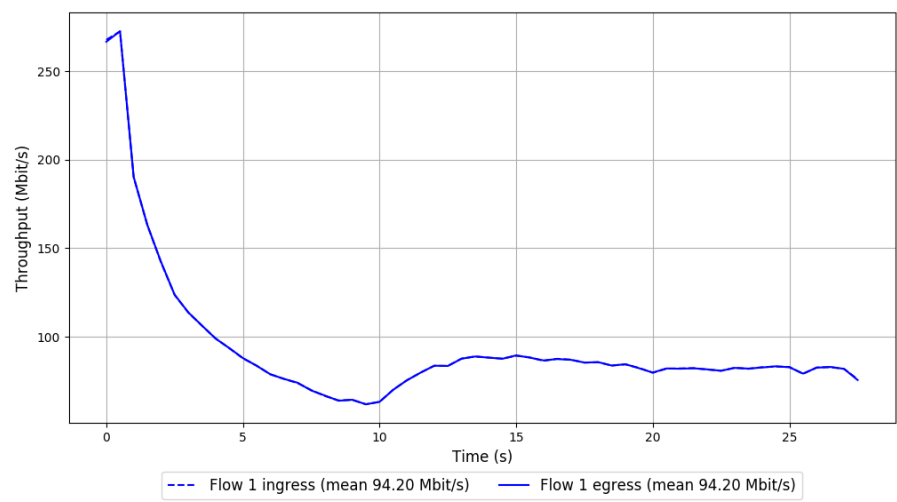
-- Flow 1:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 2.200 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-12-05 12:11:58

End at: 2017-12-05 12:12:28

Local clock offset: -0.15 ms

Remote clock offset: 0.486 ms

Below is generated by plot.py at 2017-12-05 17:19:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.88 Mbit/s

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

Loss rate: 0.01%

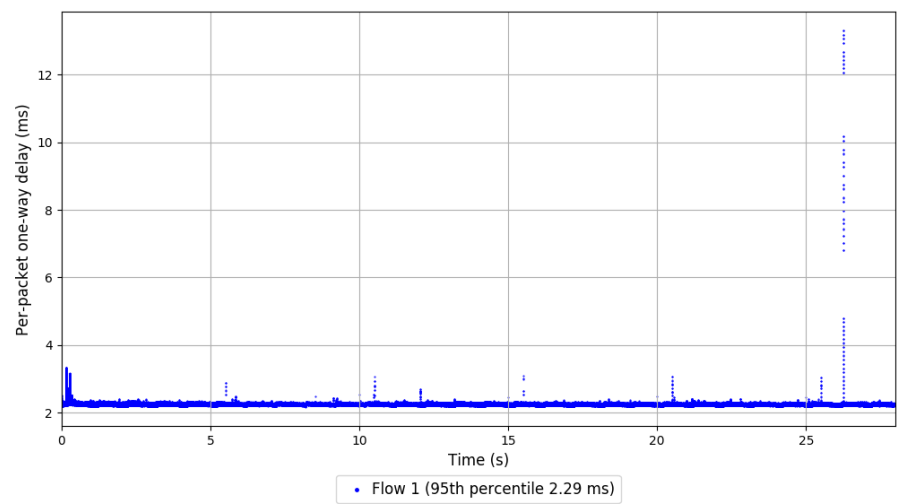
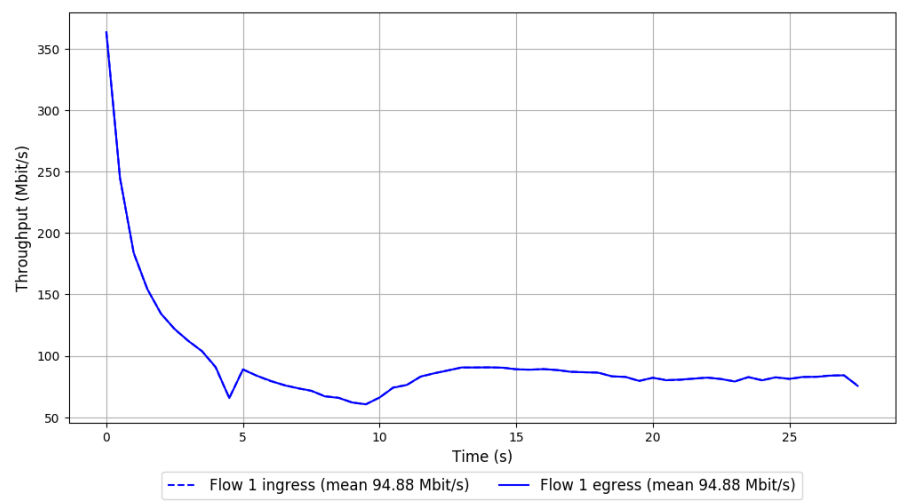
-- Flow 1:

Average throughput: 94.88 Mbit/s

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

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-12-05 12:30:15

End at: 2017-12-05 12:30:45

Local clock offset: -0.164 ms

Remote clock offset: 0.266 ms

Below is generated by plot.py at 2017-12-05 17:19:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.13 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.03%

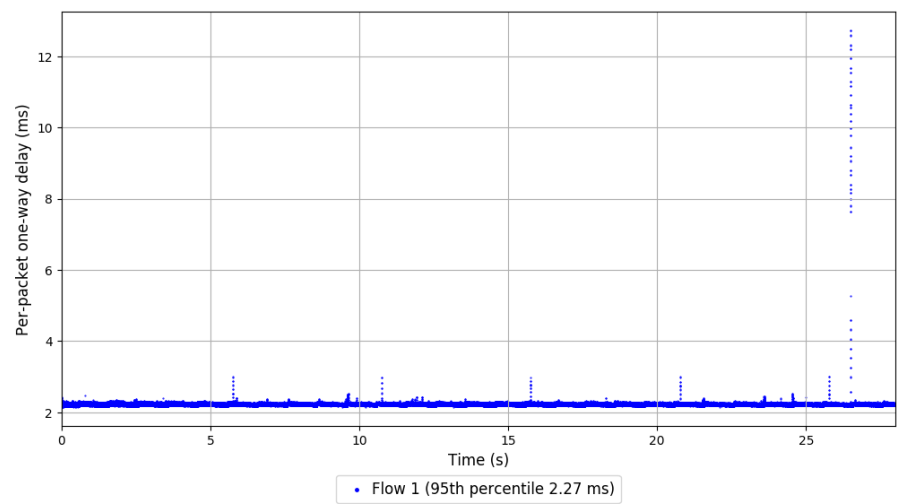
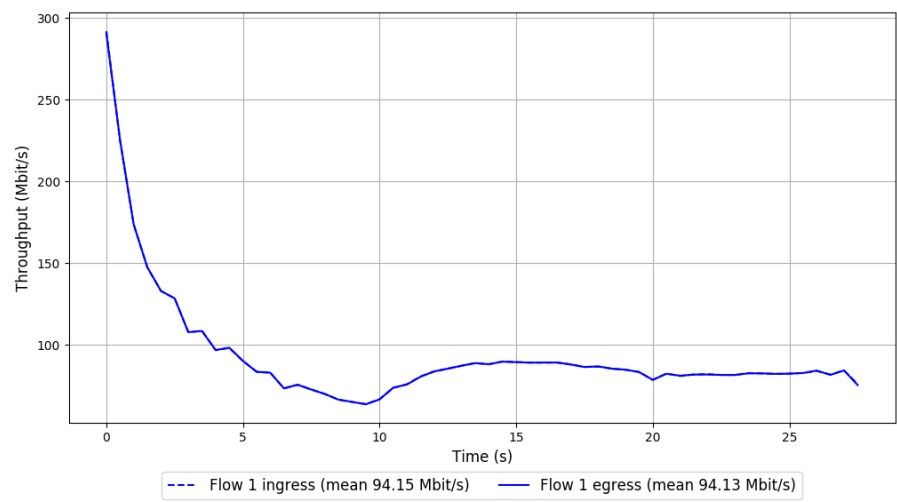
-- Flow 1:

Average throughput: 94.13 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.03%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

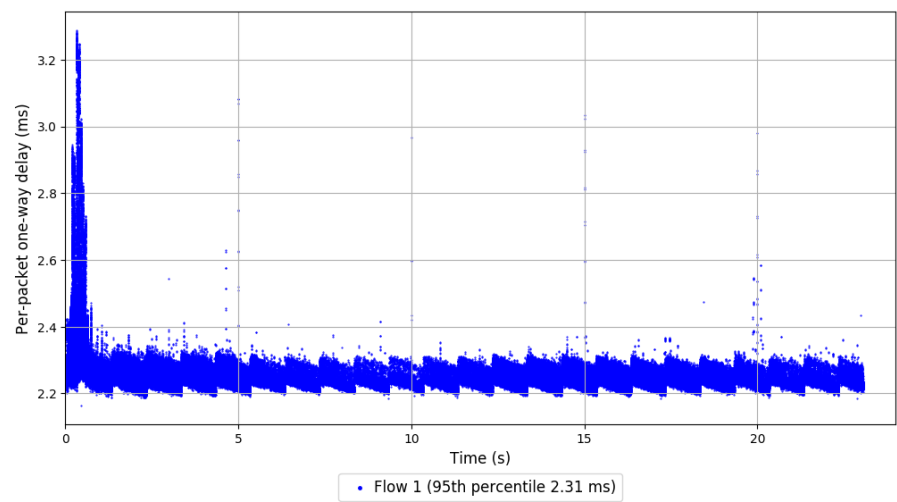
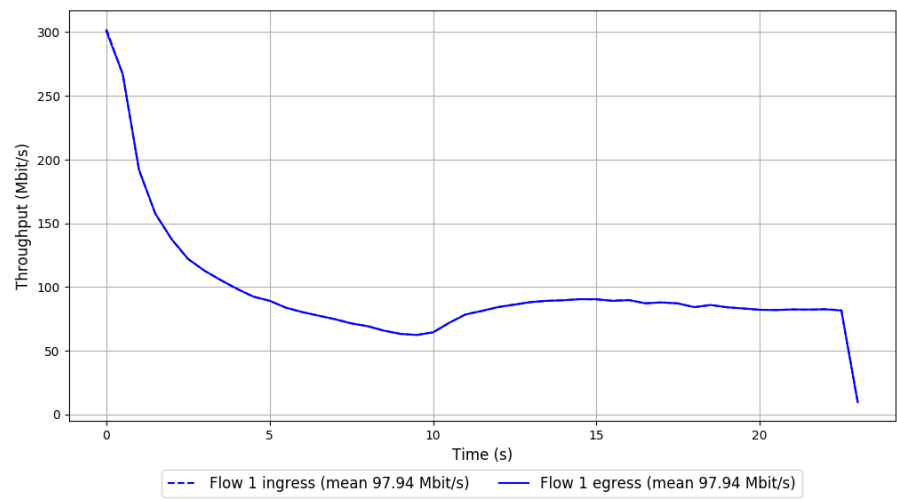
Start at: 2017-12-05 12:47:57

End at: 2017-12-05 12:48:27

Local clock offset: -0.186 ms

Remote clock offset: 0.079 ms

Run 10: Report of Copa — Data Link

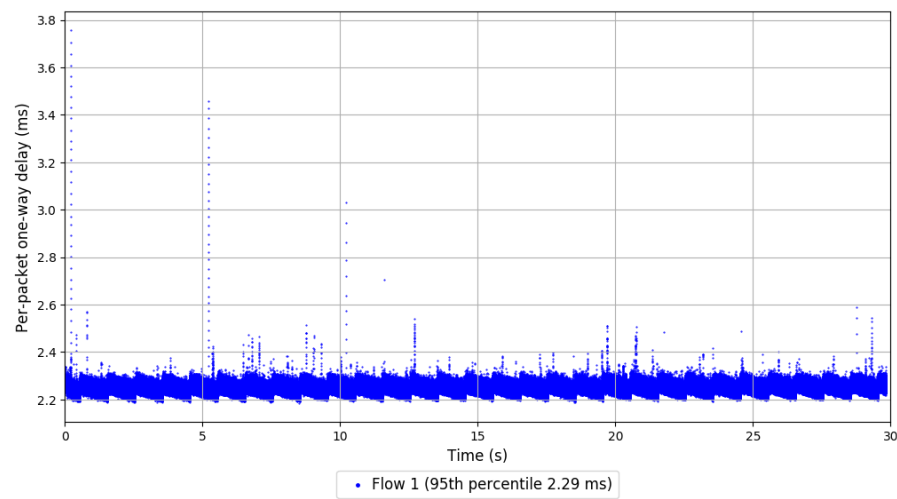
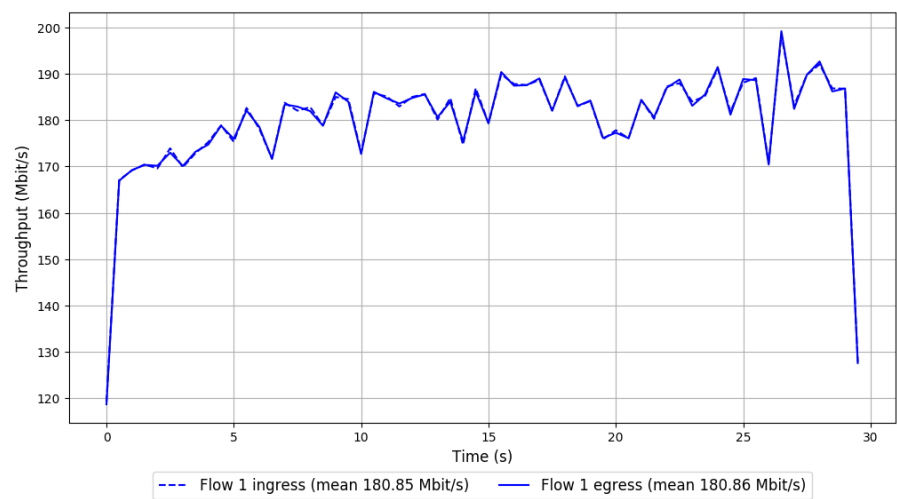


```
Run 1: Statistics of Indigo

Start at: 2017-12-05 10:01:06
End at: 2017-12-05 10:01:36
Local clock offset: -0.453 ms
Remote clock offset: 0.199 ms

# Below is generated by plot.py at 2017-12-05 17:20:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 180.86 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 180.86 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.01%
```


Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-12-05 10:19:23

End at: 2017-12-05 10:19:53

Local clock offset: -0.295 ms

Remote clock offset: 0.482 ms

Below is generated by plot.py at 2017-12-05 17:20:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.53 Mbit/s

95th percentile per-packet one-way delay: 2.296 ms

Loss rate: 0.02%

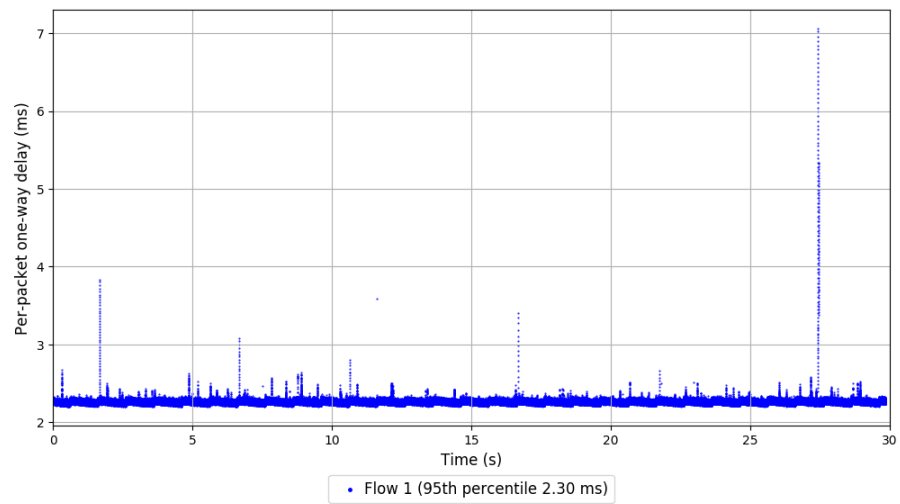
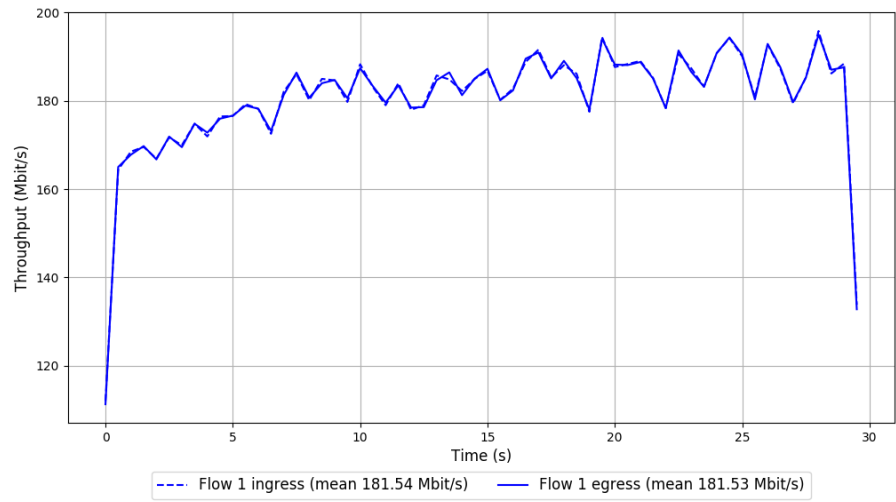
-- Flow 1:

Average throughput: 181.53 Mbit/s

95th percentile per-packet one-way delay: 2.296 ms

Loss rate: 0.02%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-12-05 10:37:31

End at: 2017-12-05 10:38:01

Local clock offset: -0.26 ms

Remote clock offset: 0.627 ms

Below is generated by plot.py at 2017-12-05 17:20:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.01 Mbit/s

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

Loss rate: 0.01%

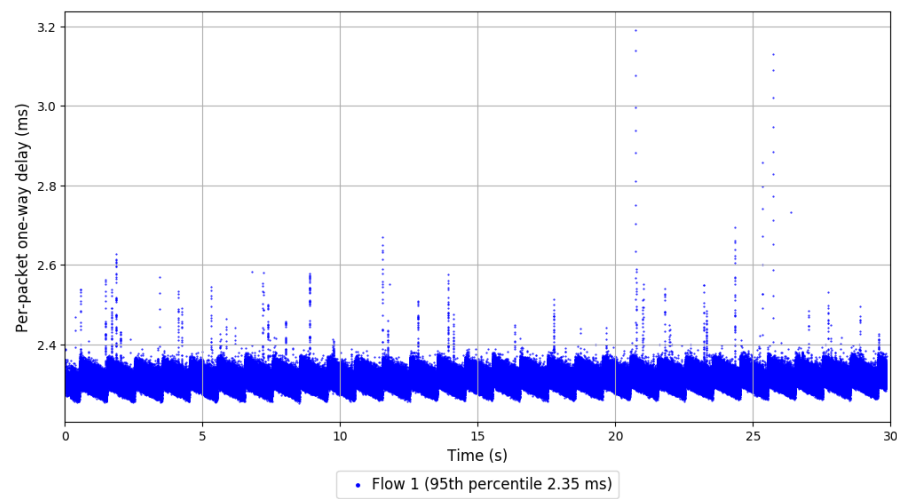
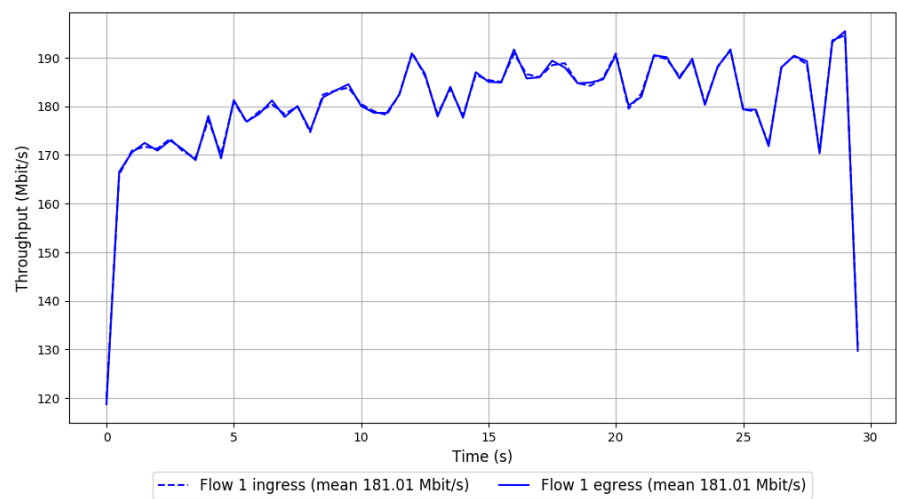
-- Flow 1:

Average throughput: 181.01 Mbit/s

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

Loss rate: 0.01%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-12-05 10:55:53

End at: 2017-12-05 10:56:23

Local clock offset: -0.276 ms

Remote clock offset: 0.797 ms

Below is generated by plot.py at 2017-12-05 17:21:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.99 Mbit/s

95th percentile per-packet one-way delay: 2.244 ms

Loss rate: 0.01%

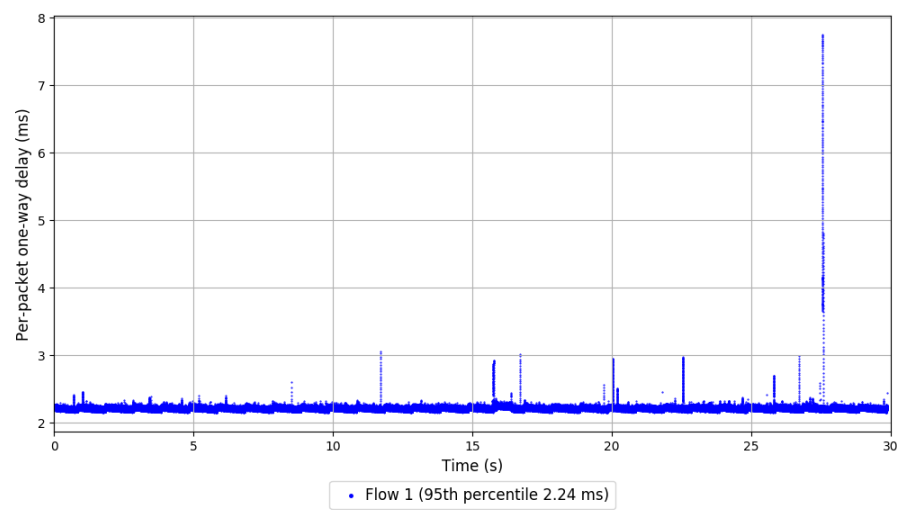
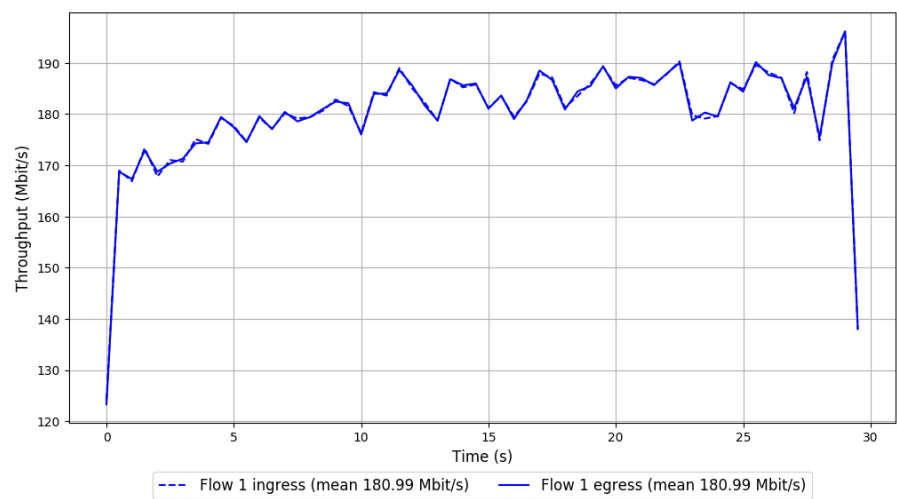
-- Flow 1:

Average throughput: 180.99 Mbit/s

95th percentile per-packet one-way delay: 2.244 ms

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-12-05 11:14:03

End at: 2017-12-05 11:14:33

Local clock offset: -0.207 ms

Remote clock offset: 0.815 ms

Below is generated by plot.py at 2017-12-05 17:21:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 182.26 Mbit/s

95th percentile per-packet one-way delay: 2.285 ms

Loss rate: 0.01%

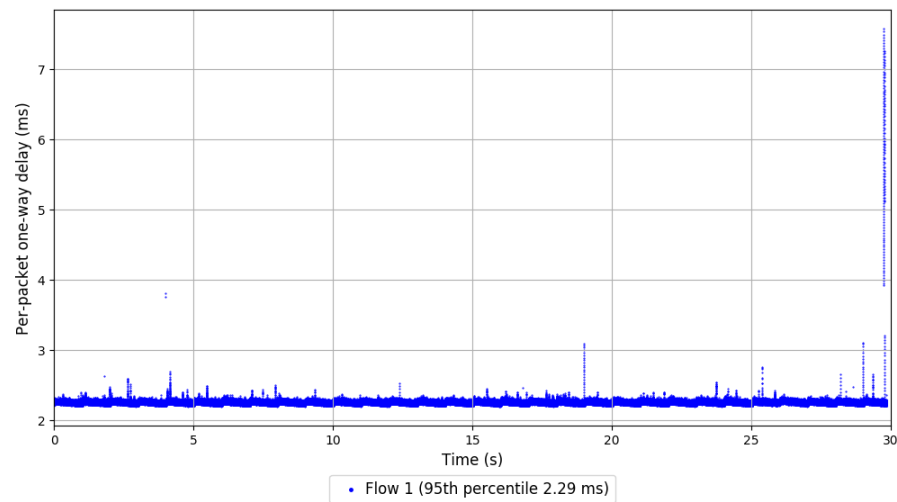
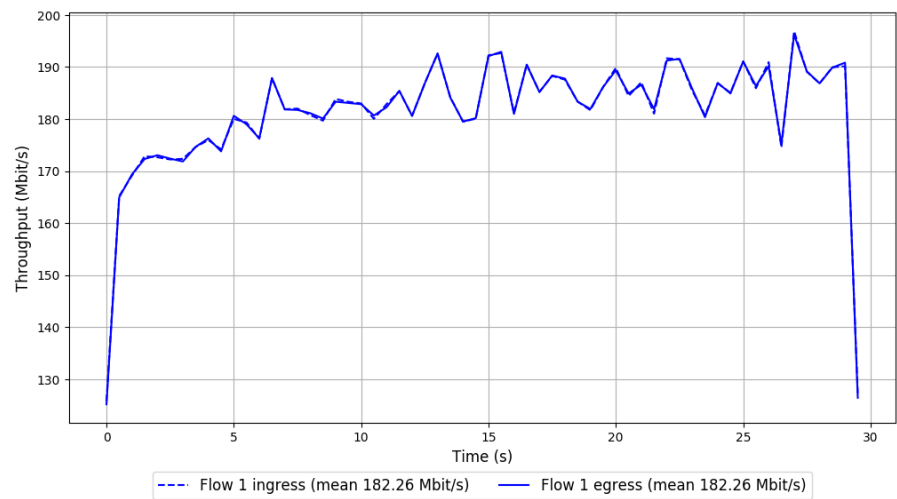
-- Flow 1:

Average throughput: 182.26 Mbit/s

95th percentile per-packet one-way delay: 2.285 ms

Loss rate: 0.01%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-12-05 11:31:53

End at: 2017-12-05 11:32:23

Local clock offset: -0.251 ms

Remote clock offset: 0.747 ms

Below is generated by plot.py at 2017-12-05 17:21:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.30 Mbit/s

95th percentile per-packet one-way delay: 2.265 ms

Loss rate: 0.01%

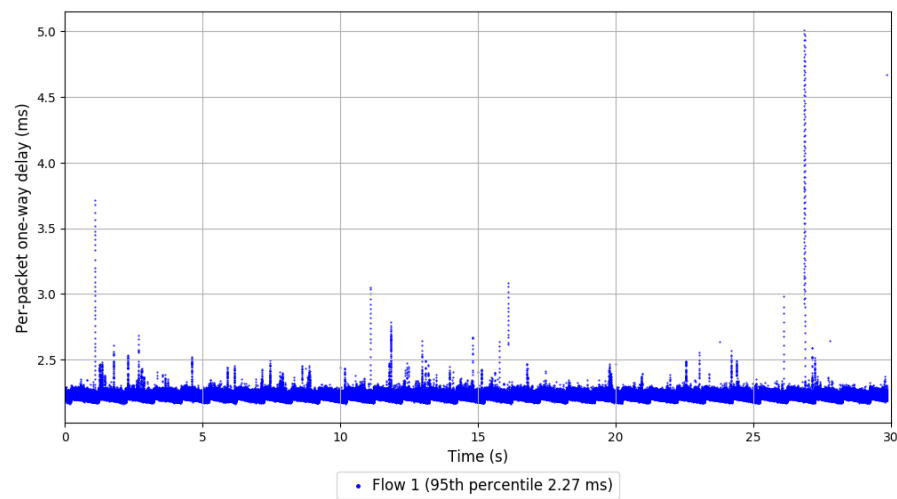
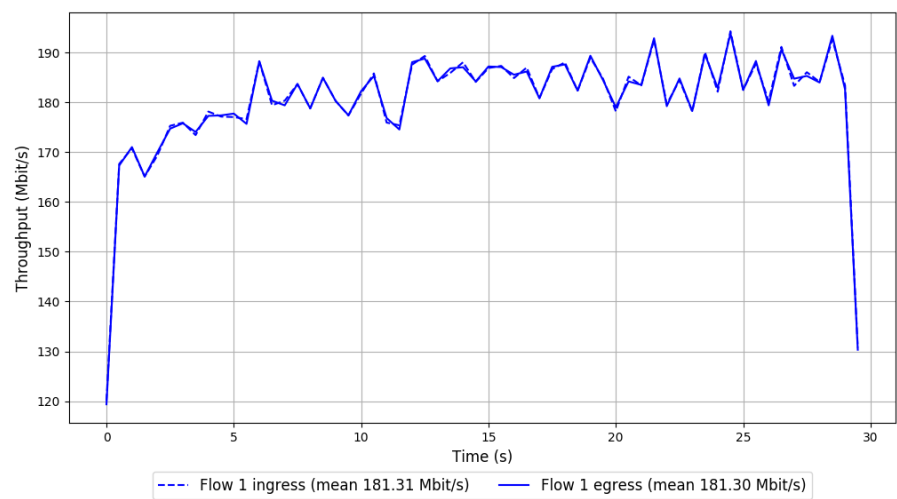
-- Flow 1:

Average throughput: 181.30 Mbit/s

95th percentile per-packet one-way delay: 2.265 ms

Loss rate: 0.01%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-12-05 11:49:59

End at: 2017-12-05 11:50:29

Local clock offset: -0.163 ms

Remote clock offset: 0.724 ms

Below is generated by plot.py at 2017-12-05 17:22:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.50 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.02%

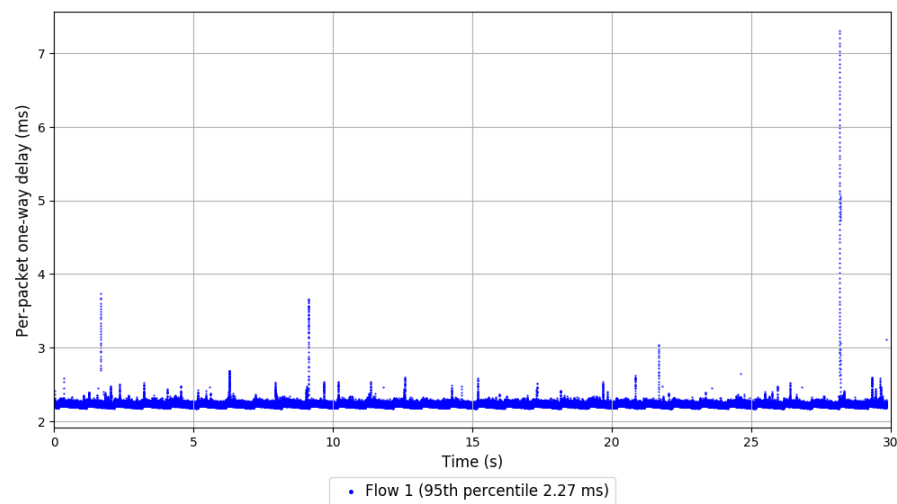
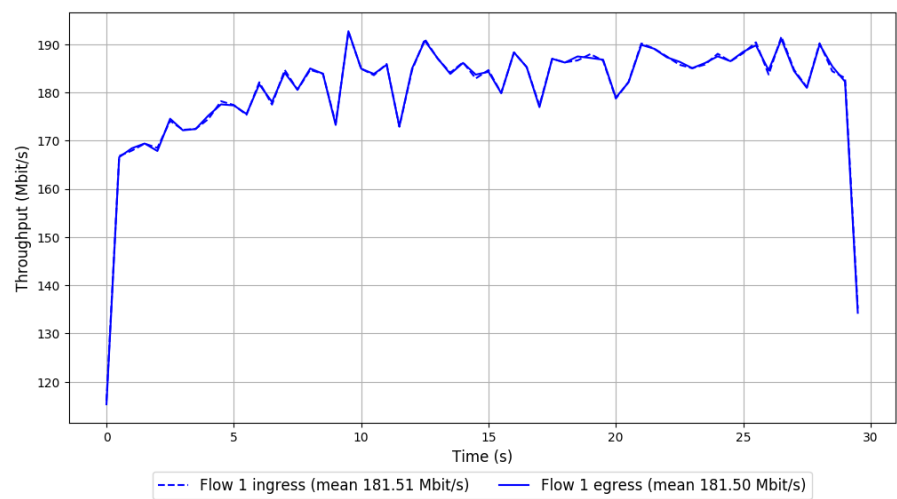
-- Flow 1:

Average throughput: 181.50 Mbit/s

95th percentile per-packet one-way delay: 2.268 ms

Loss rate: 0.02%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-12-05 12:08:02

End at: 2017-12-05 12:08:32

Local clock offset: -0.162 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2017-12-05 17:22:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 182.08 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

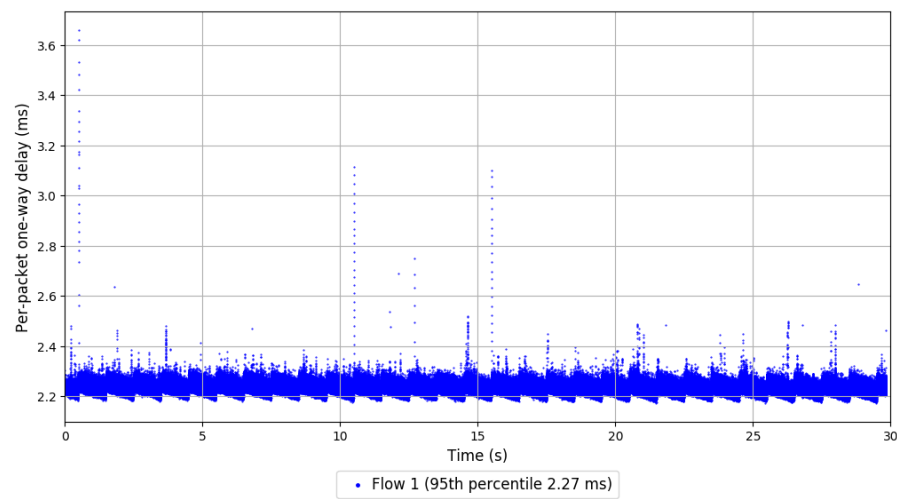
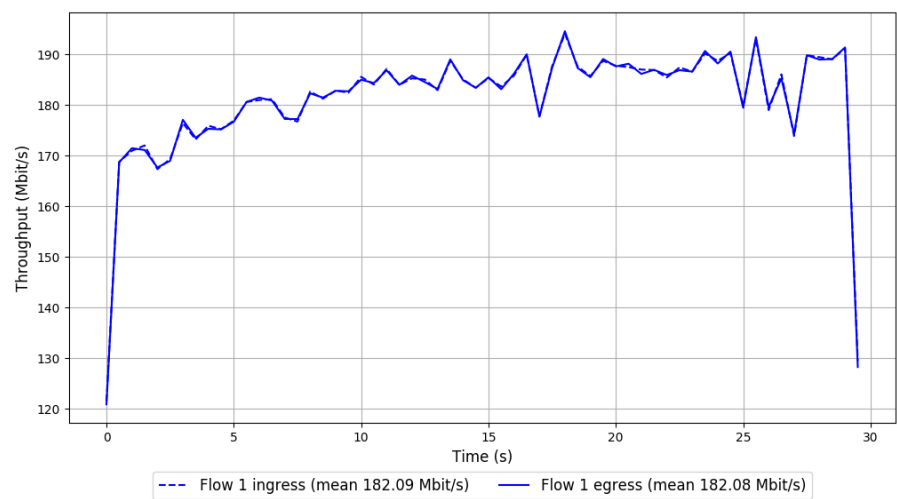
-- Flow 1:

Average throughput: 182.08 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.02%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-12-05 12:26:28

End at: 2017-12-05 12:26:58

Local clock offset: -0.173 ms

Remote clock offset: 0.23 ms

Below is generated by plot.py at 2017-12-05 17:22:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.11 Mbit/s

95th percentile per-packet one-way delay: 2.334 ms

Loss rate: 0.01%

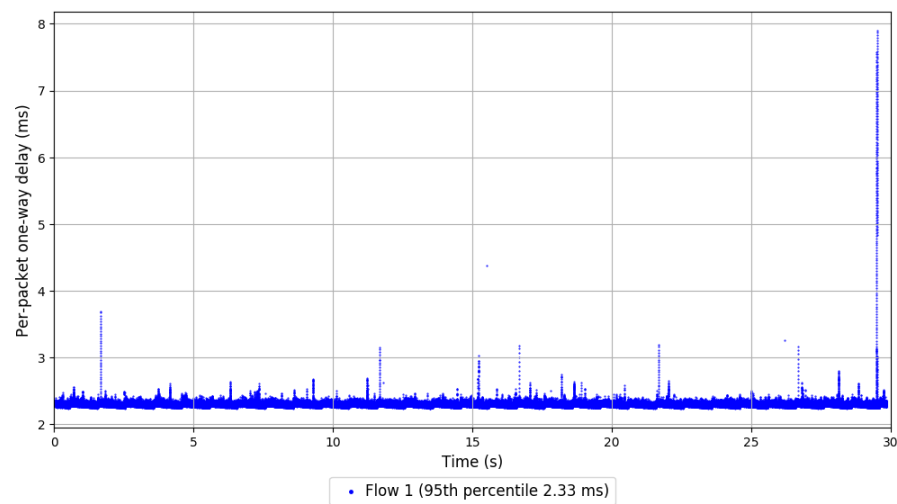
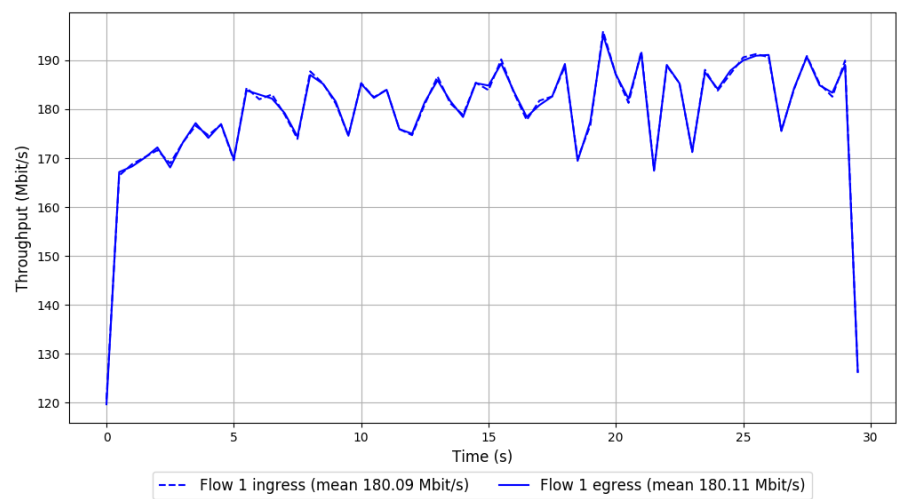
-- Flow 1:

Average throughput: 180.11 Mbit/s

95th percentile per-packet one-way delay: 2.334 ms

Loss rate: 0.01%

Run 9: Report of Indigo — Data Link

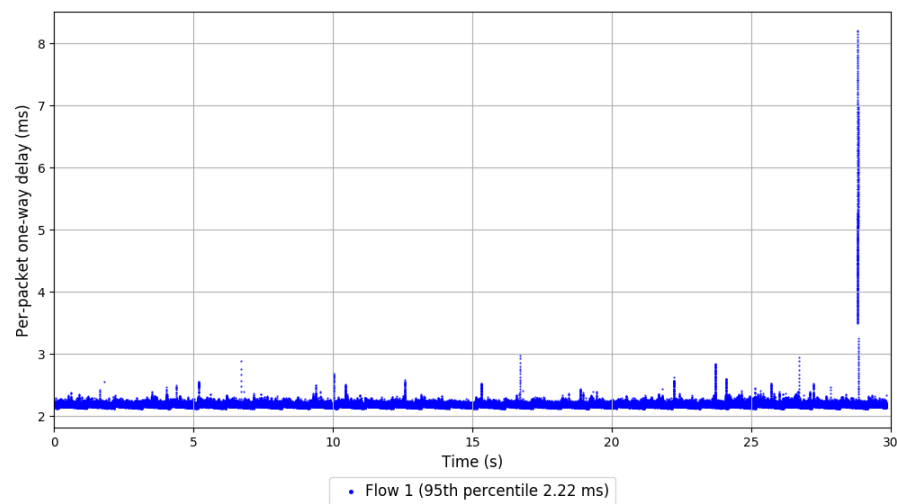
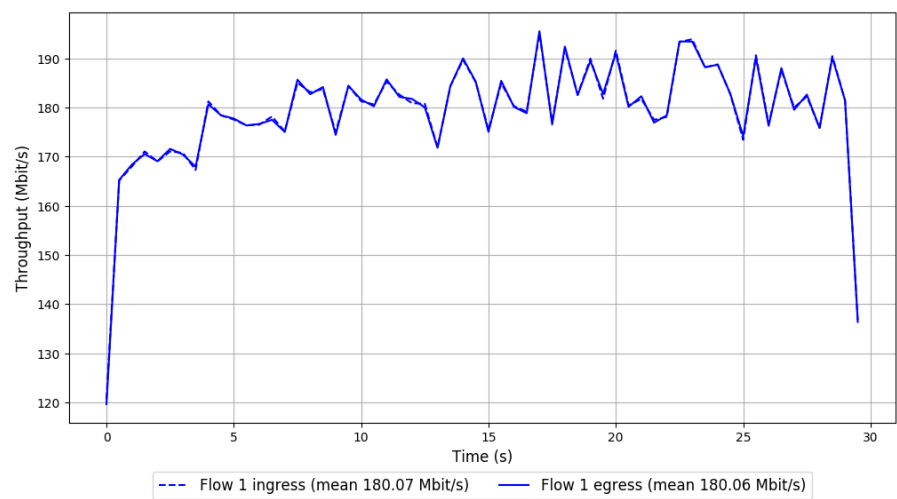


```
Run 10: Statistics of Indigo

Start at: 2017-12-05 12:44:19
End at: 2017-12-05 12:44:49
Local clock offset: -0.24 ms
Remote clock offset: 0.107 ms

# Below is generated by plot.py at 2017-12-05 17:23:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 180.06 Mbit/s
95th percentile per-packet one-way delay: 2.218 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 180.06 Mbit/s
95th percentile per-packet one-way delay: 2.218 ms
Loss rate: 0.01%
```

Run 10: Report of Indigo — Data Link

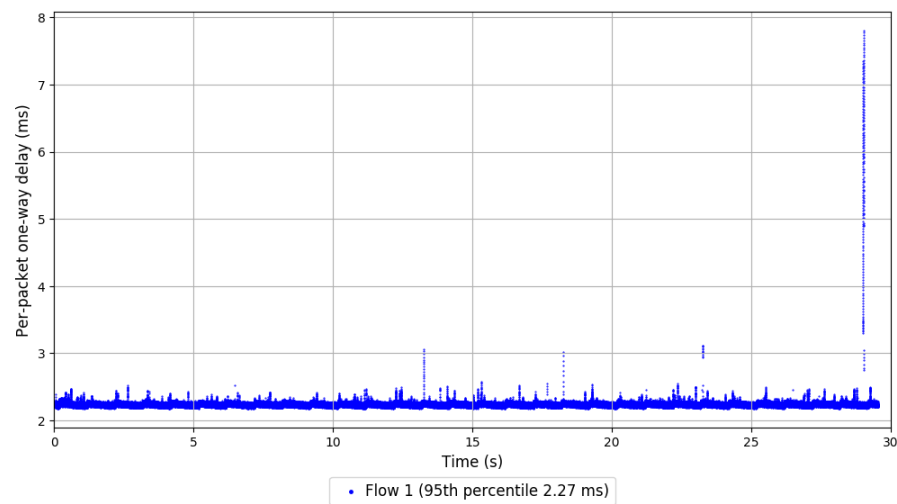
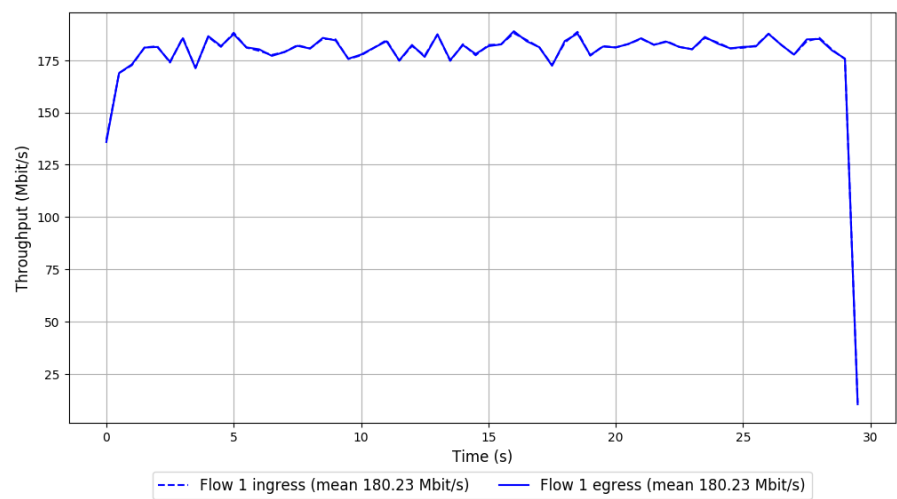


```
Run 1: Statistics of Indigo-calib

Start at: 2017-12-05 09:55:59
End at: 2017-12-05 09:56:29
Local clock offset: -0.531 ms
Remote clock offset: 0.113 ms

# Below is generated by plot.py at 2017-12-05 17:23:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 180.23 Mbit/s
95th percentile per-packet one-way delay: 2.273 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 180.23 Mbit/s
95th percentile per-packet one-way delay: 2.273 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo-calib — Data Link

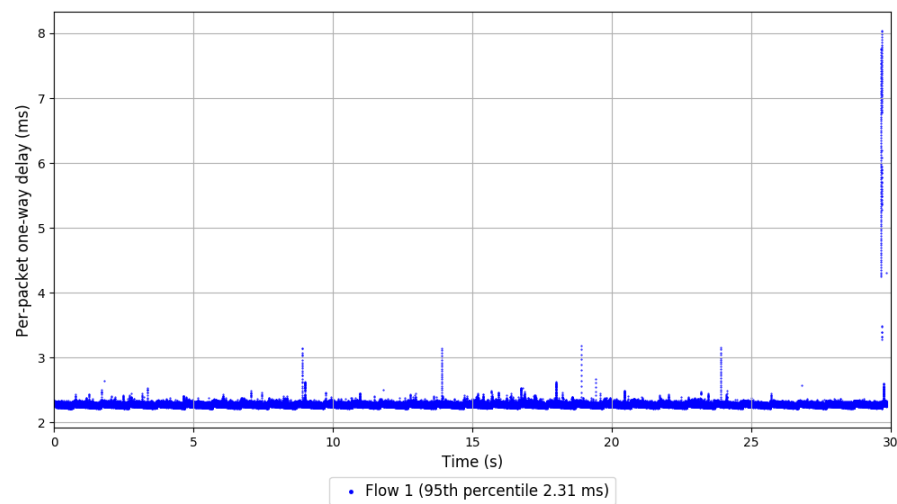
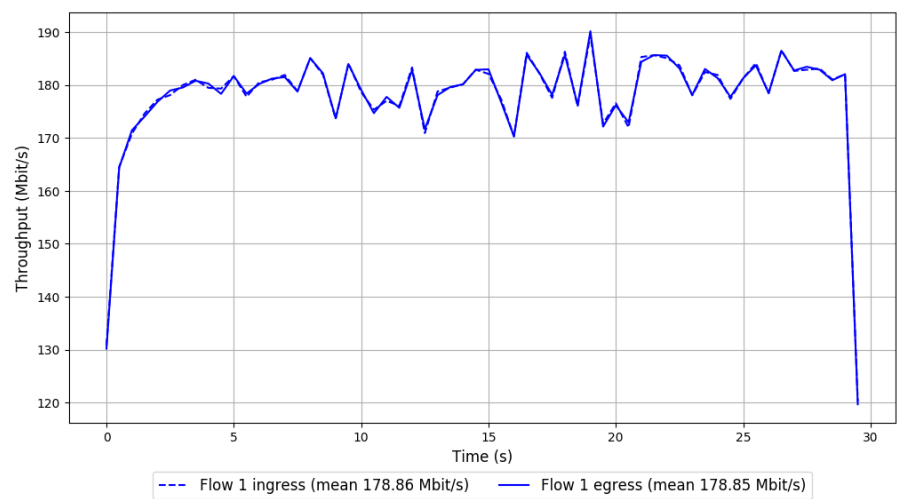


```
Run 2: Statistics of Indigo-calib

Start at: 2017-12-05 10:14:16
End at: 2017-12-05 10:14:46
Local clock offset: -0.344 ms
Remote clock offset: 0.404 ms

# Below is generated by plot.py at 2017-12-05 17:23:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 178.85 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 178.85 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 0.01%
```

Run 2: Report of Indigo-calib — Data Link



Run 3: Statistics of Indigo-calib

Start at: 2017-12-05 10:32:29

End at: 2017-12-05 10:32:59

Local clock offset: -0.258 ms

Remote clock offset: 0.626 ms

Below is generated by plot.py at 2017-12-05 17:23:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.90 Mbit/s

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

Loss rate: 0.02%

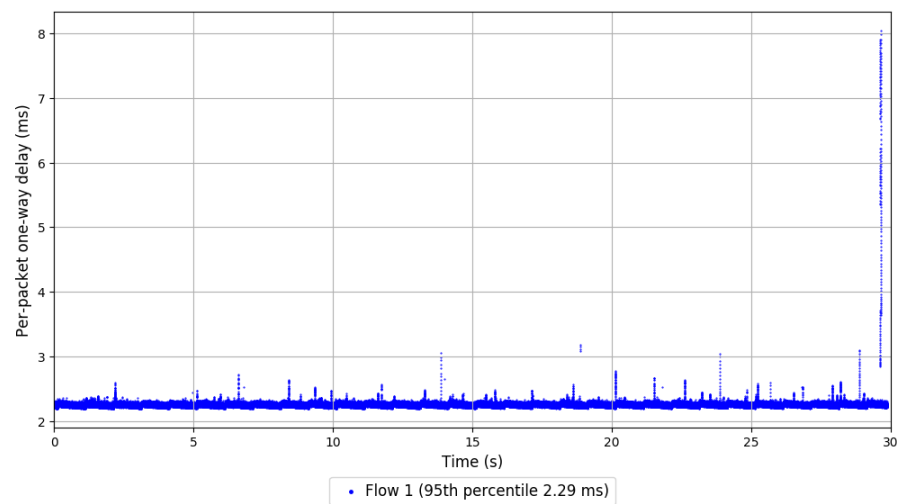
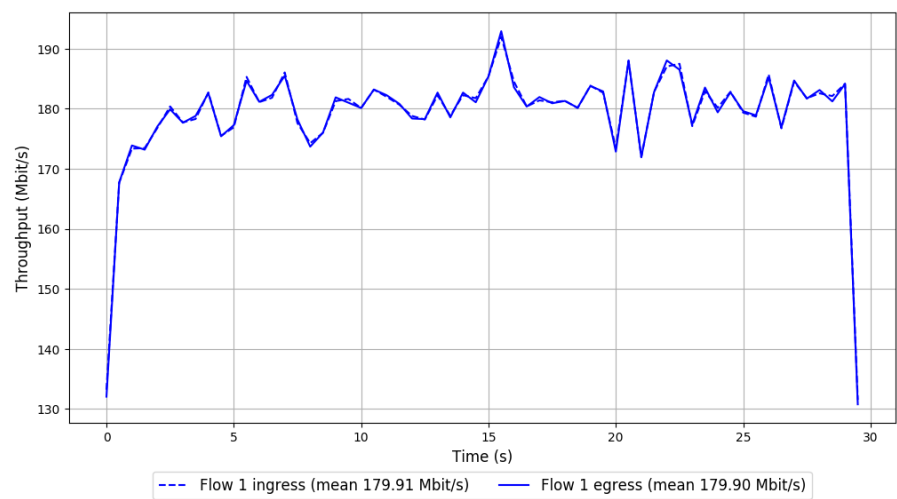
-- Flow 1:

Average throughput: 179.90 Mbit/s

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

Loss rate: 0.02%

Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-12-05 10:50:46

End at: 2017-12-05 10:51:16

Local clock offset: -0.248 ms

Remote clock offset: 0.795 ms

Below is generated by plot.py at 2017-12-05 17:24:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.44 Mbit/s

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

Loss rate: 0.01%

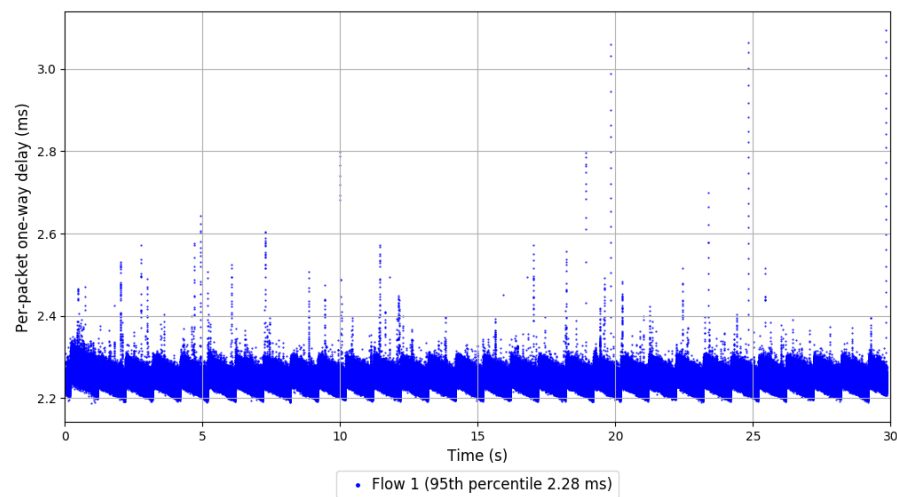
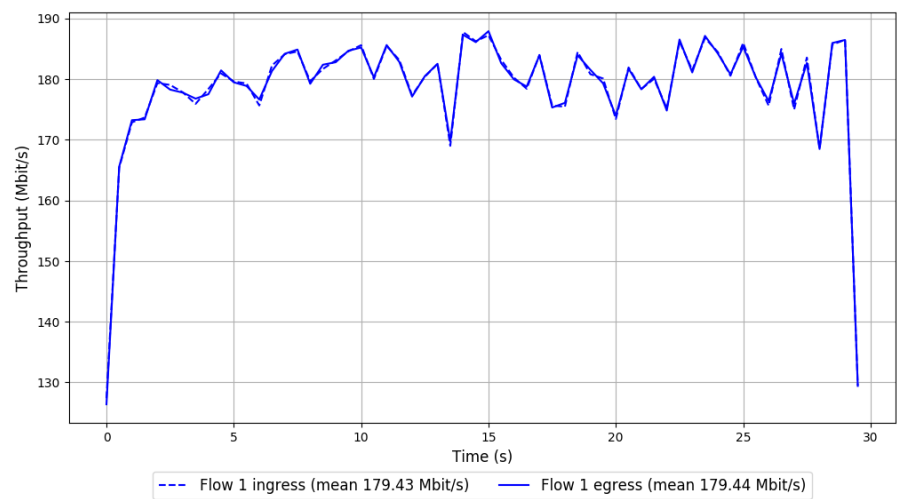
-- Flow 1:

Average throughput: 179.44 Mbit/s

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

Loss rate: 0.01%

Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-12-05 11:08:57

End at: 2017-12-05 11:09:27

Local clock offset: -0.239 ms

Remote clock offset: 0.808 ms

Below is generated by plot.py at 2017-12-05 17:24:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.52 Mbit/s

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

Loss rate: 0.01%

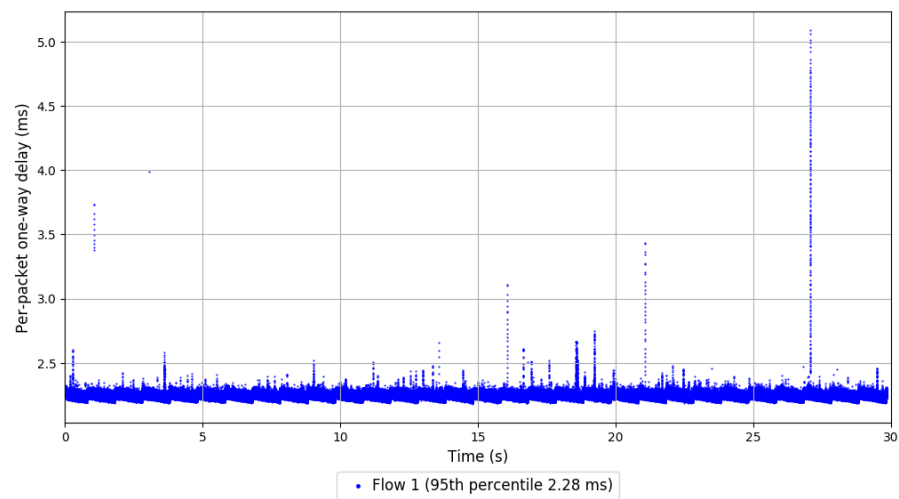
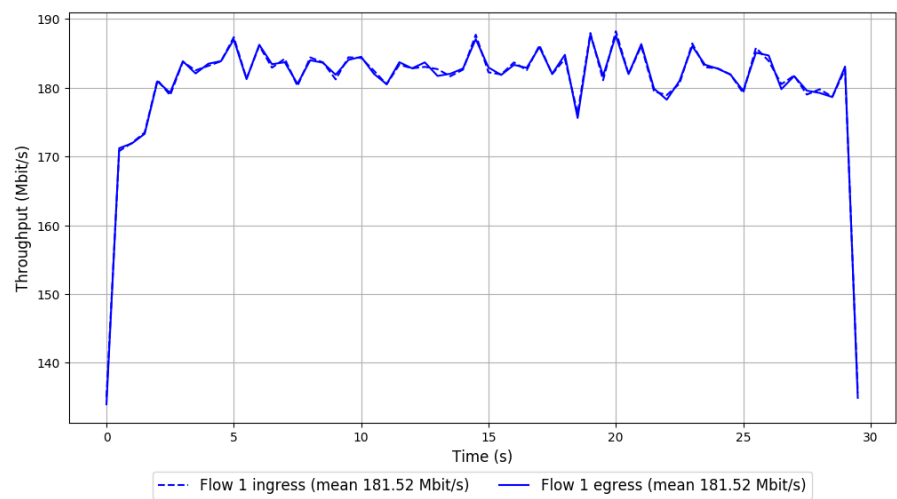
-- Flow 1:

Average throughput: 181.52 Mbit/s

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

Loss rate: 0.01%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-12-05 11:26:47

End at: 2017-12-05 11:27:17

Local clock offset: -0.208 ms

Remote clock offset: 0.804 ms

Below is generated by plot.py at 2017-12-05 17:24:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.36 Mbit/s

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

Loss rate: 0.04%

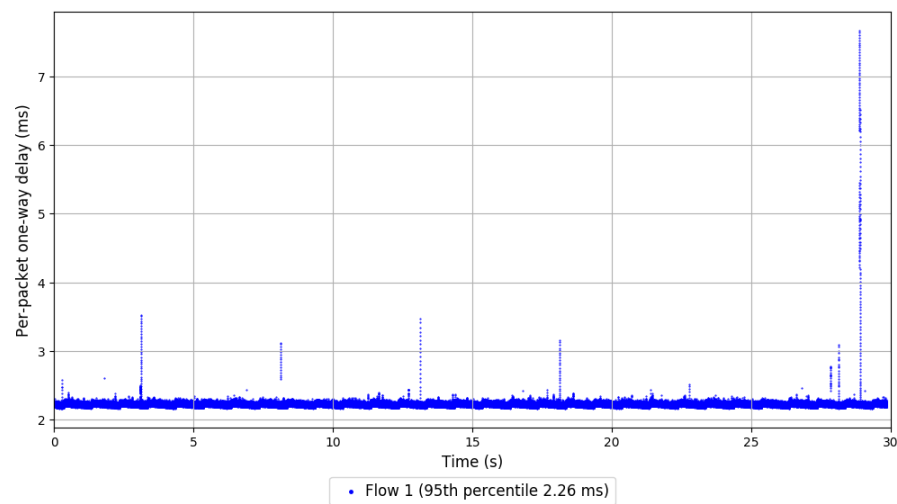
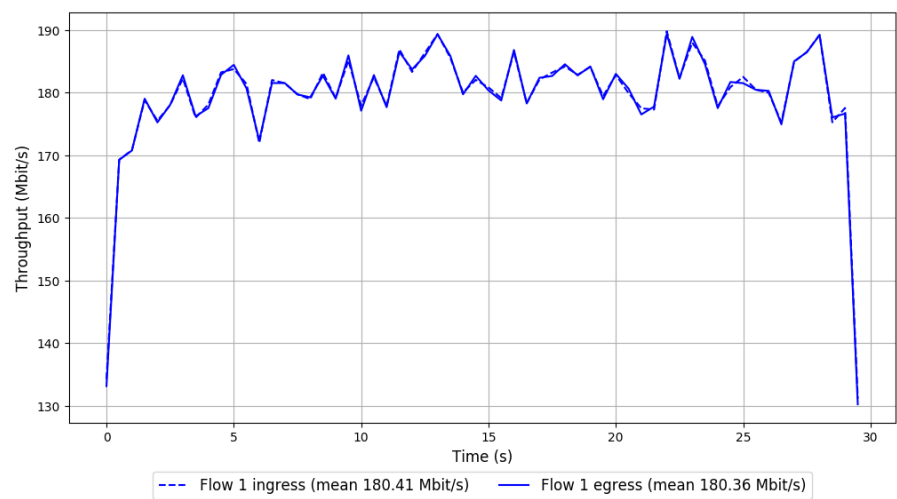
-- Flow 1:

Average throughput: 180.36 Mbit/s

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

Loss rate: 0.04%

Run 6: Report of Indigo-calib — Data Link



Run 7: Statistics of Indigo-calib

Start at: 2017-12-05 11:44:52

End at: 2017-12-05 11:45:22

Local clock offset: -0.141 ms

Remote clock offset: 0.758 ms

Below is generated by plot.py at 2017-12-05 17:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.99 Mbit/s

95th percentile per-packet one-way delay: 2.303 ms

Loss rate: 0.02%

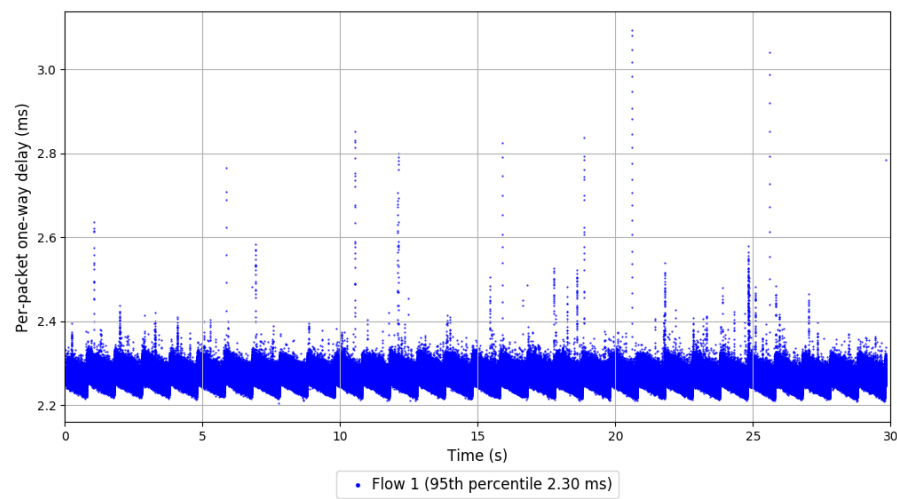
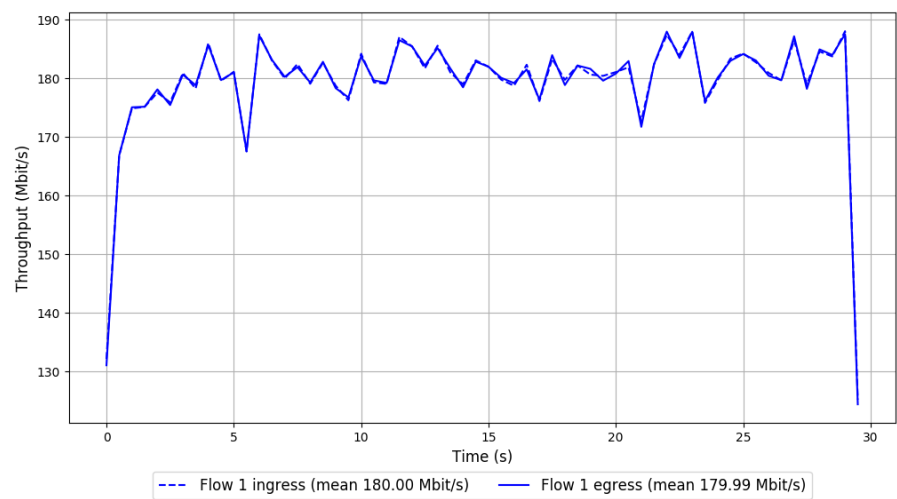
-- Flow 1:

Average throughput: 179.99 Mbit/s

95th percentile per-packet one-way delay: 2.303 ms

Loss rate: 0.02%

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-12-05 12:02:57

End at: 2017-12-05 12:03:27

Local clock offset: -0.156 ms

Remote clock offset: 0.613 ms

Below is generated by plot.py at 2017-12-05 17:25:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.66 Mbit/s

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

Loss rate: 0.02%

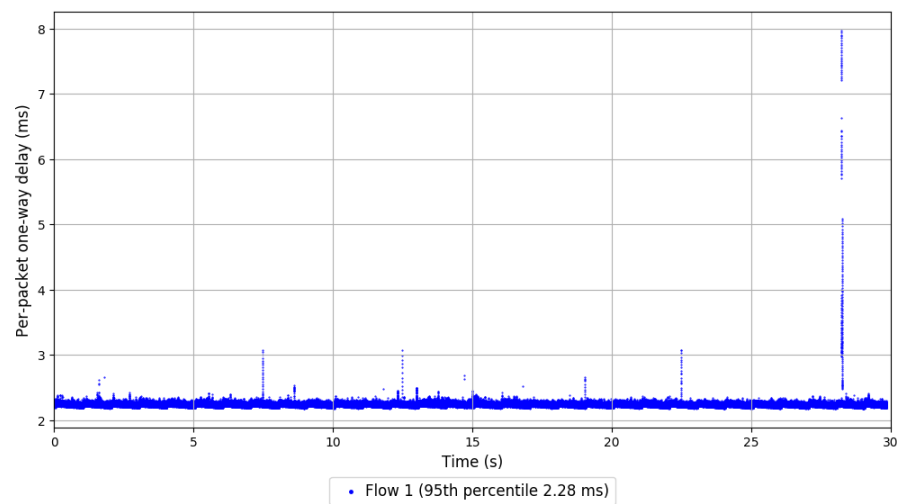
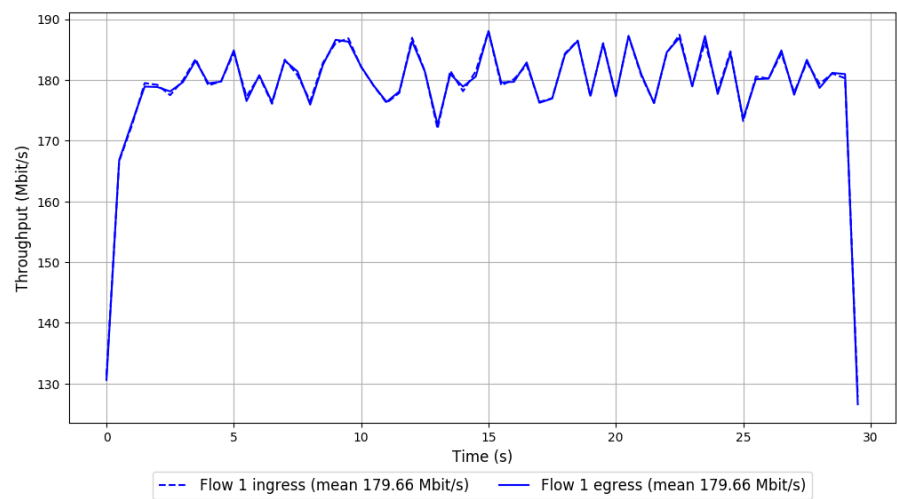
-- Flow 1:

Average throughput: 179.66 Mbit/s

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

Loss rate: 0.02%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-12-05 12:21:22

End at: 2017-12-05 12:21:52

Local clock offset: -0.154 ms

Remote clock offset: 0.347 ms

Below is generated by plot.py at 2017-12-05 17:25:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.60 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.03%

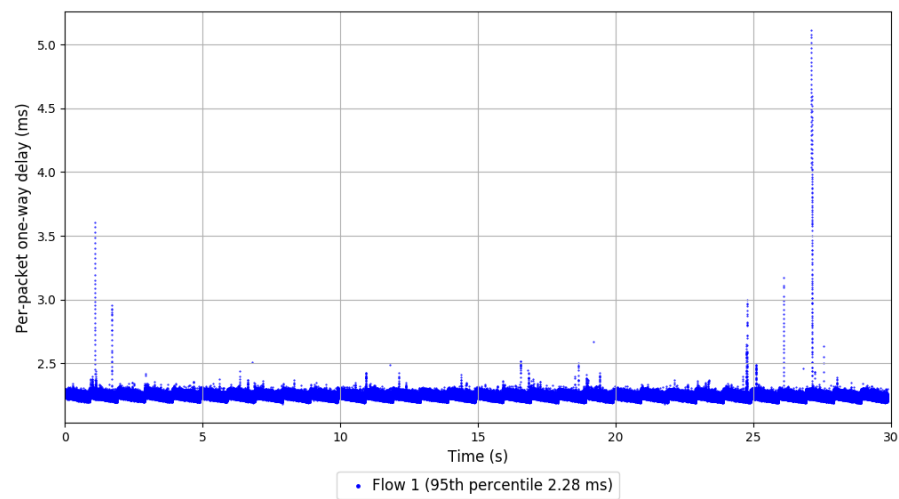
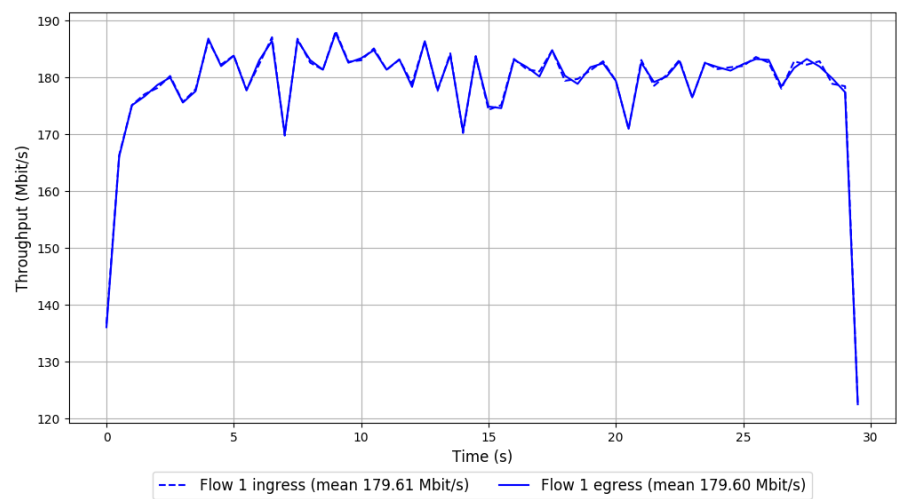
-- Flow 1:

Average throughput: 179.60 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.03%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-12-05 12:39:12

End at: 2017-12-05 12:39:42

Local clock offset: -0.154 ms

Remote clock offset: 0.151 ms

Below is generated by plot.py at 2017-12-05 17:25:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.66 Mbit/s

95th percentile per-packet one-way delay: 2.296 ms

Loss rate: 0.02%

-- Flow 1:

Average throughput: 179.66 Mbit/s

95th percentile per-packet one-way delay: 2.296 ms

Loss rate: 0.02%

Run 10: Report of Indigo-calib — Data Link

