

Pantheon Report

Generated at 2017-12-11 18:26:43 (UTC).

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

Repeated the test of 14 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

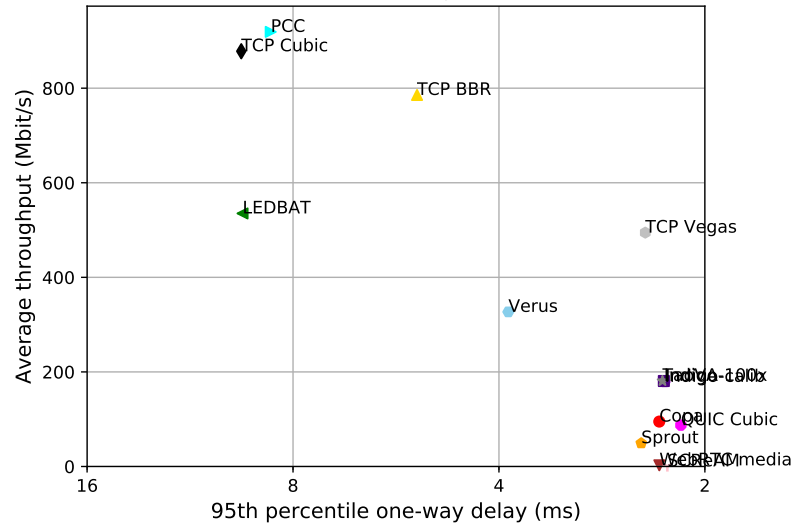
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

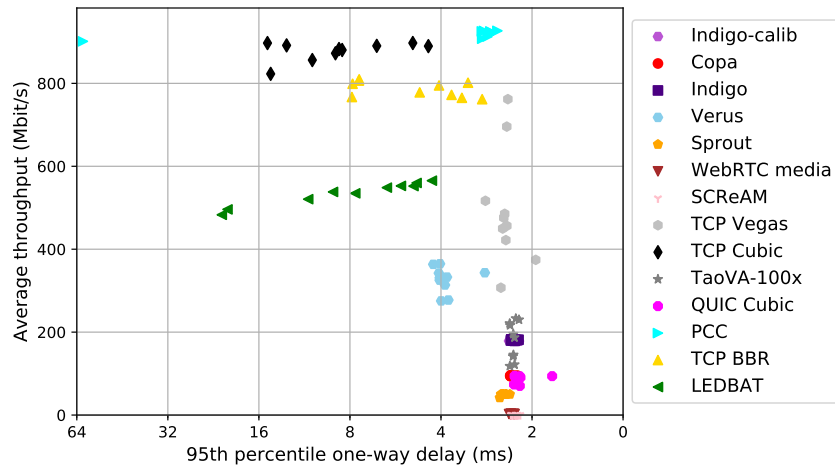
Git summary:

```
branch: indigos @ e3a57ad5ac5cfcaca0e3f983c8dd4cc3509e0262
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ b5b7c38e8391001927dc41c6cfa2627d03dde737
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fab936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



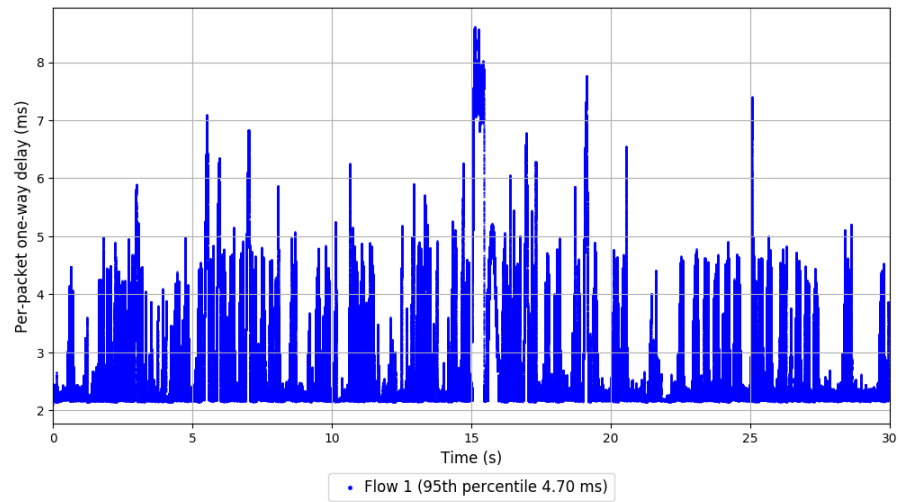
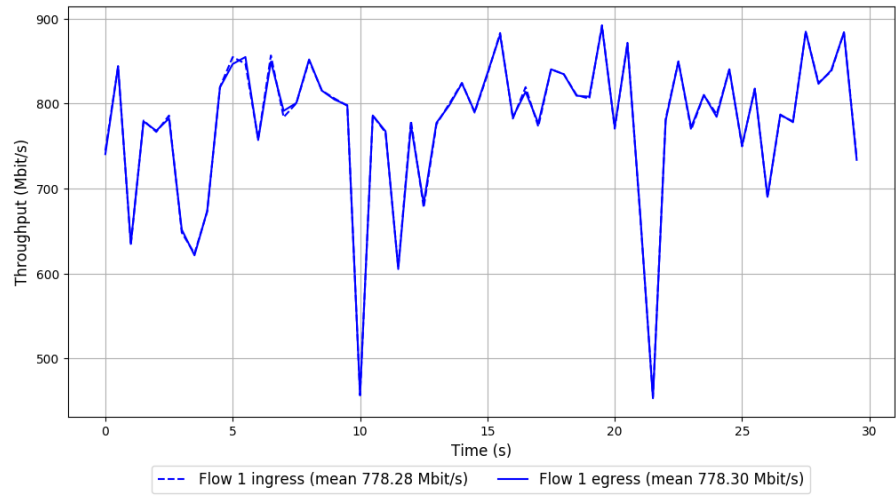
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	785.68	5.27	0.02
TCP Cubic	10	878.12	9.52	0.03
LEDBAT	10	535.12	9.48	0.02
PCC	10	919.08	8.62	0.13
QUIC Cubic	10	87.43	2.17	0.02
SCReAM	10	0.22	2.27	0.00
WebRTC media	10	2.45	2.33	0.02
Sprout	10	49.26	2.48	0.03
TaoVA-100x	10	180.97	2.31	0.01
TCP Vegas	10	494.52	2.44	0.01
Verus	10	326.94	3.88	0.02
Copa	8	94.98	2.33	0.01
Indigo	10	180.78	2.30	0.02
Indigo-calib	10	179.01	2.29	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-12-11 10:52:04
End at: 2017-12-11 10:52:34
Local clock offset: -2.725 ms
Remote clock offset: -0.077 ms

Below is generated by plot.py at 2017-12-11 17:11:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 778.30 Mbit/s
95th percentile per-packet one-way delay: 4.704 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 778.30 Mbit/s
95th percentile per-packet one-way delay: 4.704 ms
Loss rate: 0.01%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-12-11 11:10:14

End at: 2017-12-11 11:10:44

Local clock offset: -2.447 ms

Remote clock offset: 0.091 ms

Below is generated by plot.py at 2017-12-11 17:11:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 772.32 Mbit/s

95th percentile per-packet one-way delay: 3.691 ms

Loss rate: 0.02%

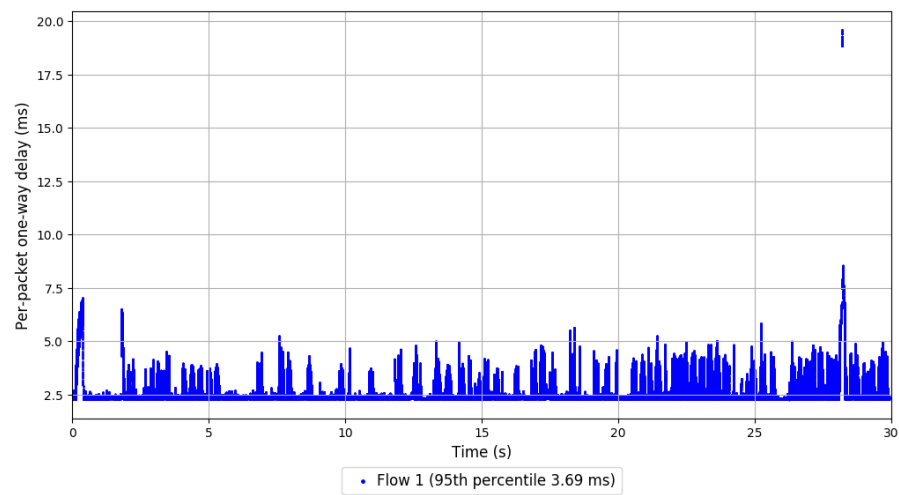
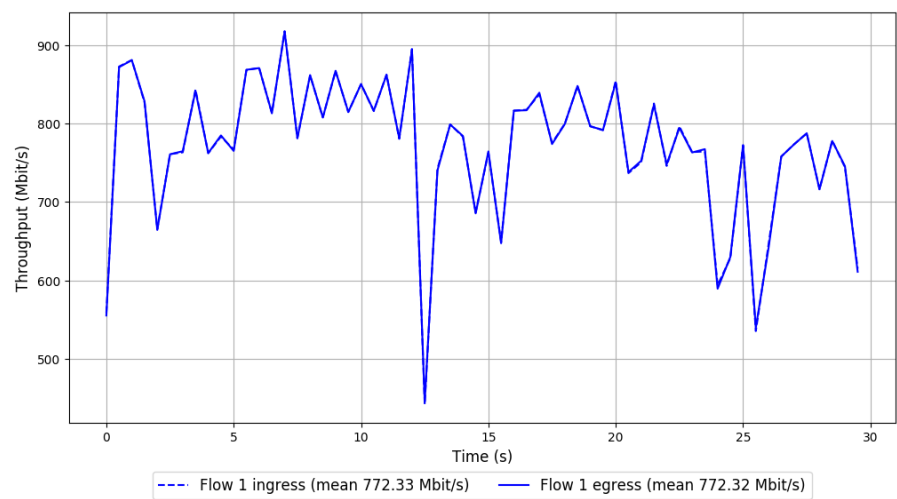
-- Flow 1:

Average throughput: 772.32 Mbit/s

95th percentile per-packet one-way delay: 3.691 ms

Loss rate: 0.02%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-12-11 11:28:22

End at: 2017-12-11 11:28:52

Local clock offset: -2.129 ms

Remote clock offset: 0.391 ms

Below is generated by plot.py at 2017-12-11 17:11:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 801.60 Mbit/s

95th percentile per-packet one-way delay: 3.256 ms

Loss rate: 0.02%

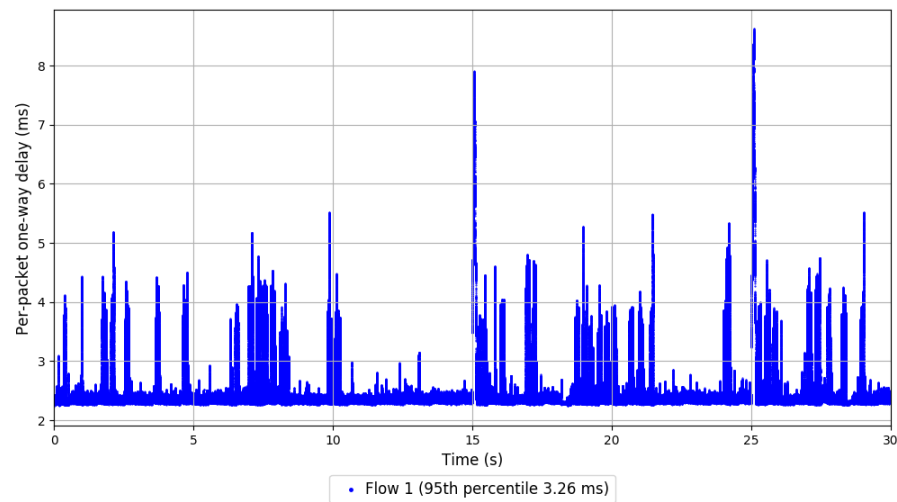
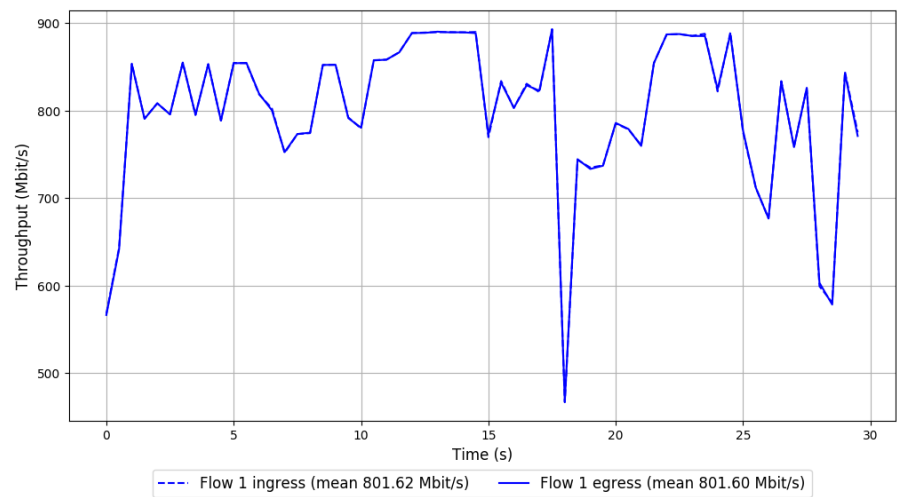
-- Flow 1:

Average throughput: 801.60 Mbit/s

95th percentile per-packet one-way delay: 3.256 ms

Loss rate: 0.02%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-12-11 11:46:37

End at: 2017-12-11 11:47:07

Local clock offset: -2.045 ms

Remote clock offset: 0.746 ms

Below is generated by plot.py at 2017-12-11 17:11:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 806.71 Mbit/s

95th percentile per-packet one-way delay: 7.472 ms

Loss rate: 0.02%

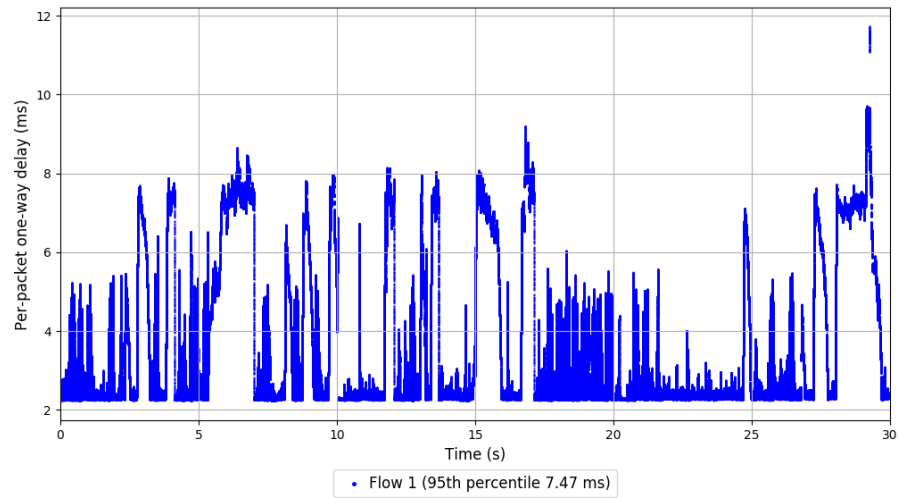
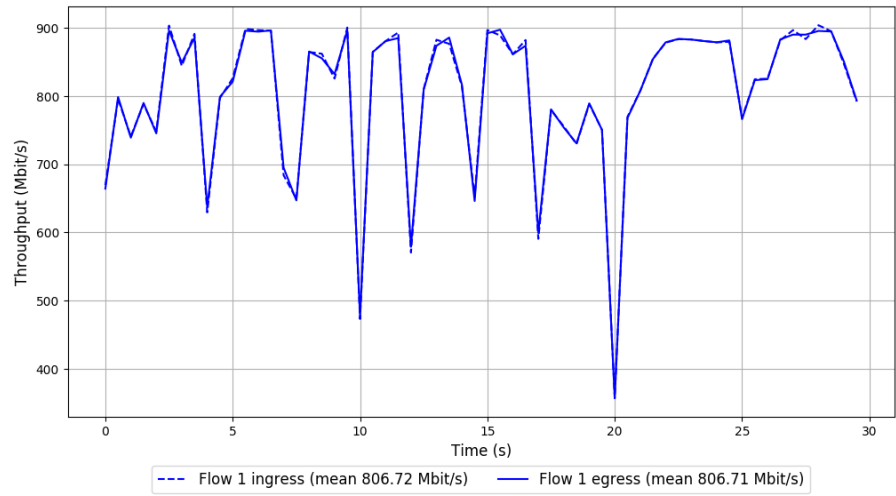
-- Flow 1:

Average throughput: 806.71 Mbit/s

95th percentile per-packet one-way delay: 7.472 ms

Loss rate: 0.02%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-12-11 12:04:51

End at: 2017-12-11 12:05:21

Local clock offset: -1.878 ms

Remote clock offset: 0.892 ms

Below is generated by plot.py at 2017-12-11 17:11:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 799.03 Mbit/s

95th percentile per-packet one-way delay: 7.840 ms

Loss rate: 0.02%

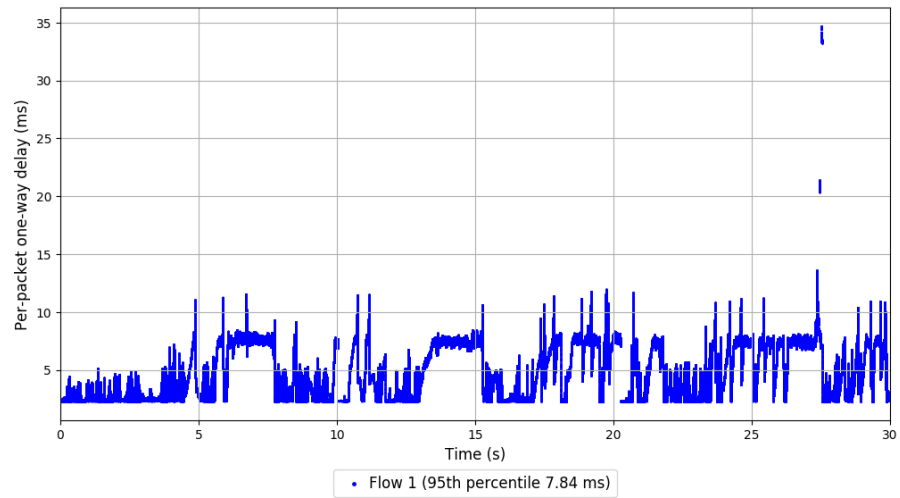
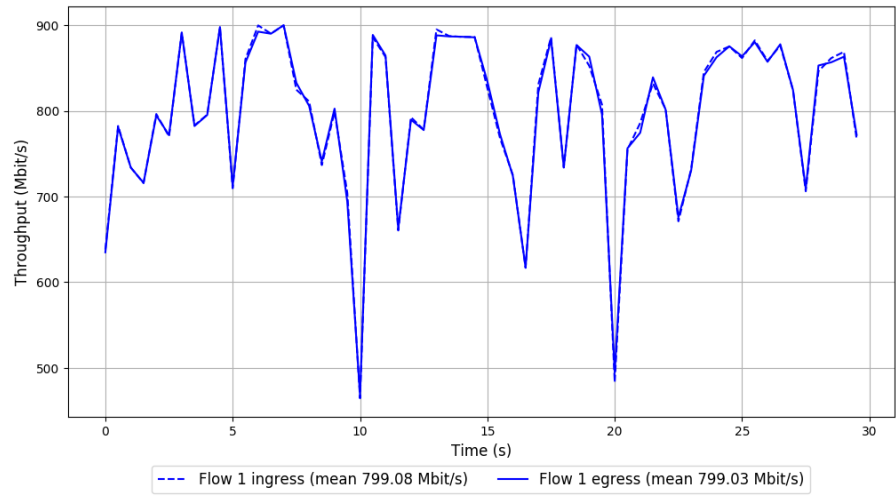
-- Flow 1:

Average throughput: 799.03 Mbit/s

95th percentile per-packet one-way delay: 7.840 ms

Loss rate: 0.02%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-12-11 12:23:08

End at: 2017-12-11 12:23:38

Local clock offset: -1.749 ms

Remote clock offset: 1.084 ms

Below is generated by plot.py at 2017-12-11 17:11:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 809.84 Mbit/s

95th percentile per-packet one-way delay: 7.456 ms

Loss rate: 0.01%

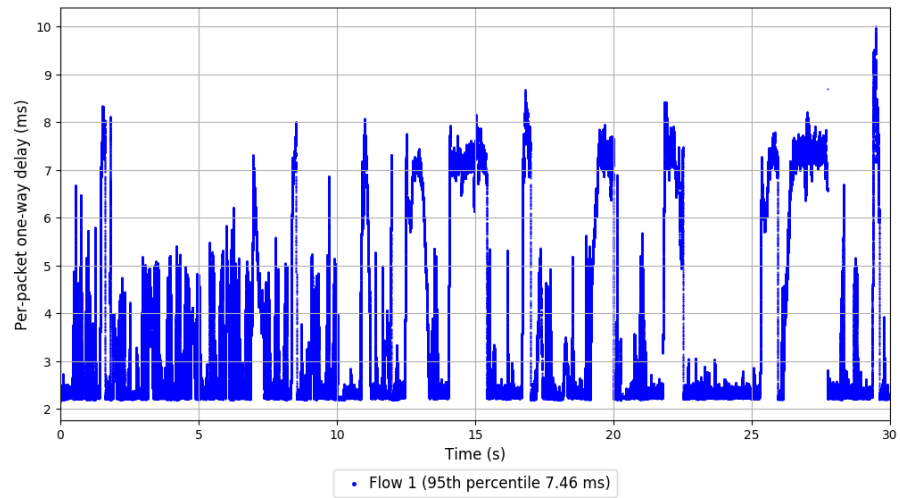
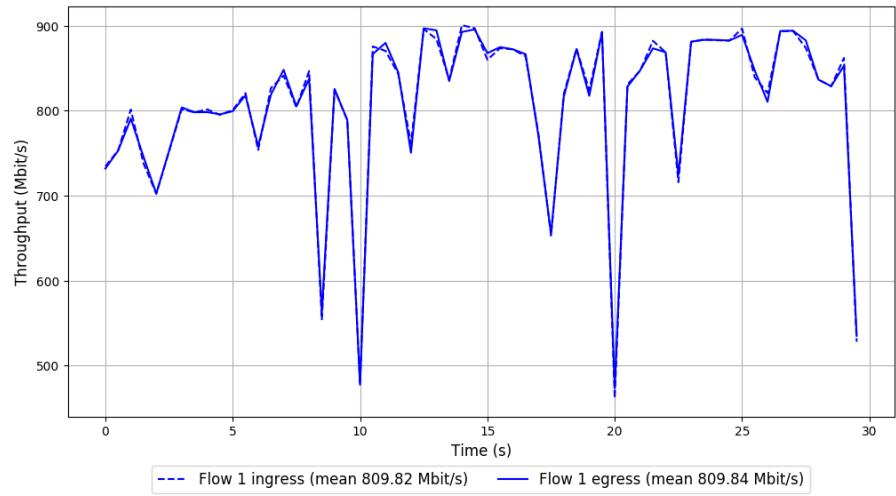
-- Flow 1:

Average throughput: 809.84 Mbit/s

95th percentile per-packet one-way delay: 7.456 ms

Loss rate: 0.01%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-12-11 12:41:21

End at: 2017-12-11 12:41:51

Local clock offset: -1.711 ms

Remote clock offset: 1.242 ms

Below is generated by plot.py at 2017-12-11 17:11:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 767.05 Mbit/s

95th percentile per-packet one-way delay: 7.883 ms

Loss rate: 0.02%

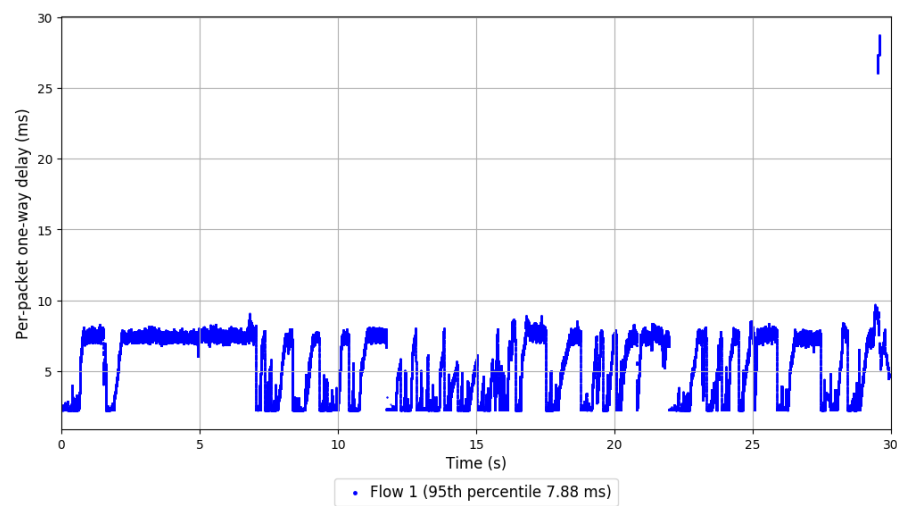
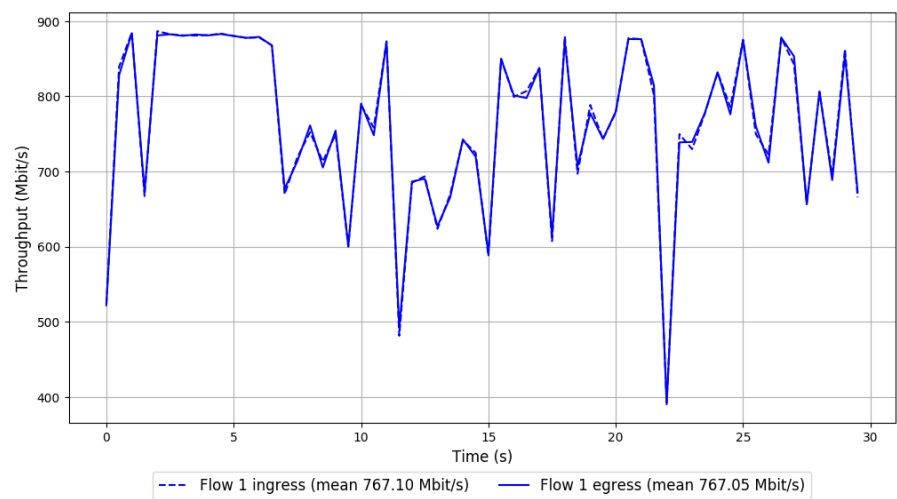
-- Flow 1:

Average throughput: 767.05 Mbit/s

95th percentile per-packet one-way delay: 7.883 ms

Loss rate: 0.02%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-12-11 12:59:23

End at: 2017-12-11 12:59:53

Local clock offset: -1.94 ms

Remote clock offset: 1.167 ms

Below is generated by plot.py at 2017-12-11 17:11:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 795.02 Mbit/s

95th percentile per-packet one-way delay: 4.060 ms

Loss rate: 0.02%

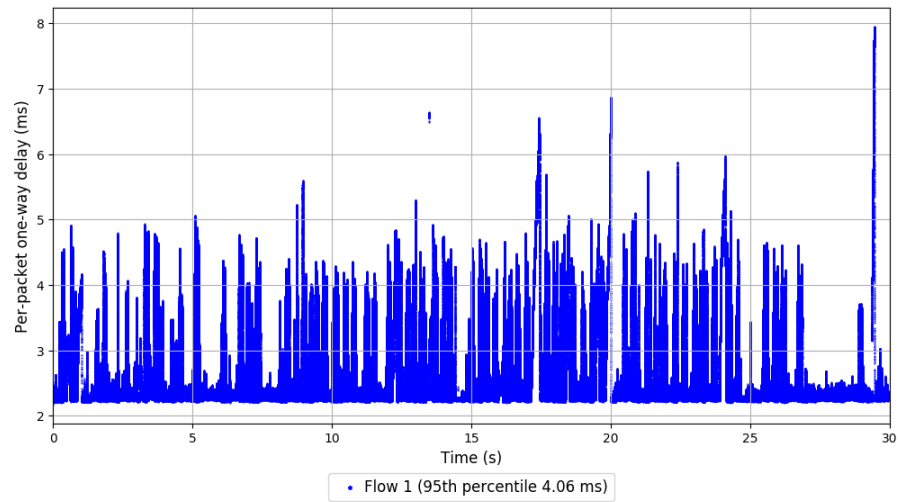
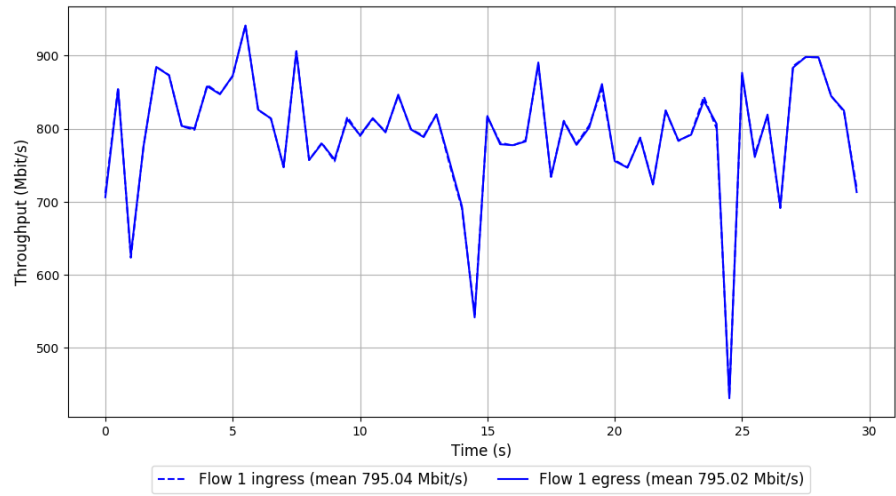
-- Flow 1:

Average throughput: 795.02 Mbit/s

95th percentile per-packet one-way delay: 4.060 ms

Loss rate: 0.02%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-12-11 13:17:34

End at: 2017-12-11 13:18:04

Local clock offset: -2.033 ms

Remote clock offset: 1.038 ms

Below is generated by plot.py at 2017-12-11 17:21:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 765.17 Mbit/s

95th percentile per-packet one-way delay: 3.412 ms

Loss rate: 0.01%

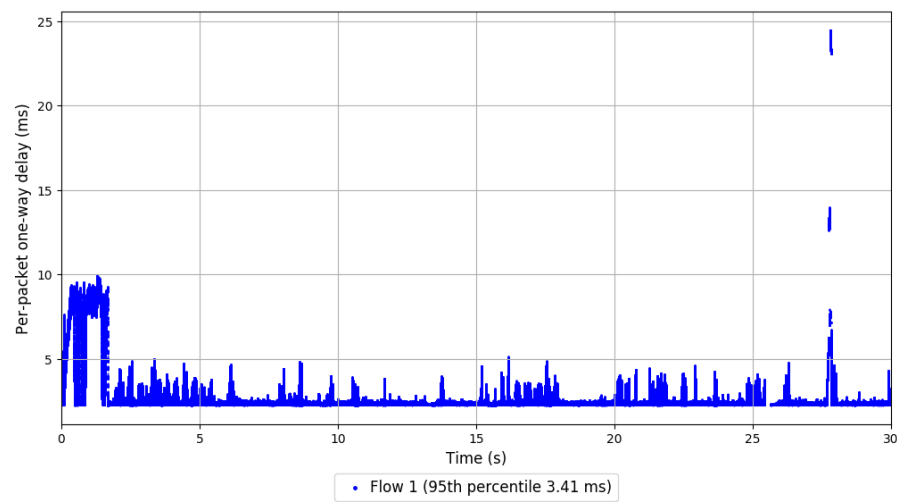
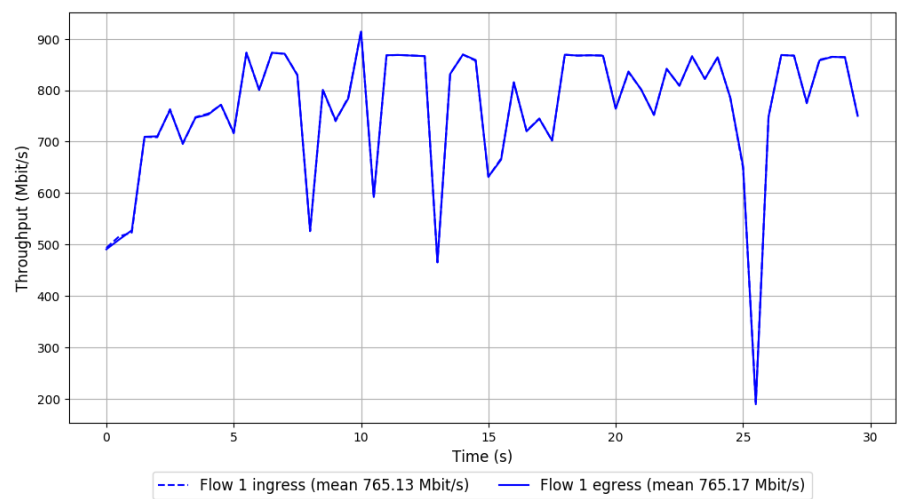
-- Flow 1:

Average throughput: 765.17 Mbit/s

95th percentile per-packet one-way delay: 3.412 ms

Loss rate: 0.01%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-12-11 13:35:31

End at: 2017-12-11 13:36:01

Local clock offset: -2.204 ms

Remote clock offset: 0.943 ms

Below is generated by plot.py at 2017-12-11 17:22:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 761.81 Mbit/s

95th percentile per-packet one-way delay: 2.924 ms

Loss rate: 0.01%

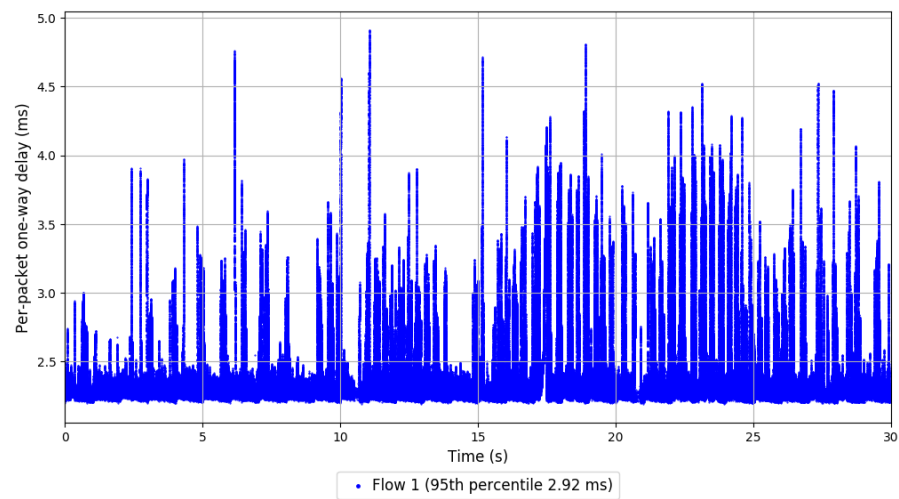
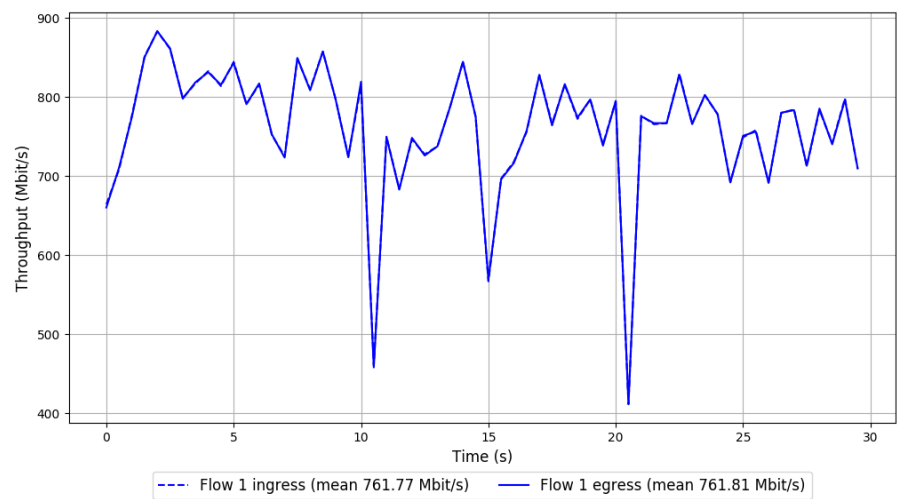
-- Flow 1:

Average throughput: 761.81 Mbit/s

95th percentile per-packet one-way delay: 2.924 ms

Loss rate: 0.01%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

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

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

Local clock offset: -2.608 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2017-12-11 17:23:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 890.44 Mbit/s

95th percentile per-packet one-way delay: 6.523 ms

Loss rate: 0.03%

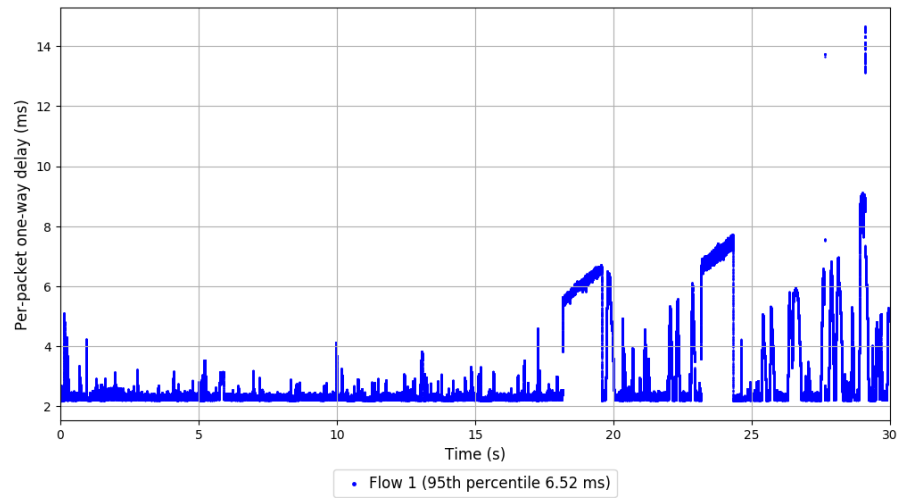
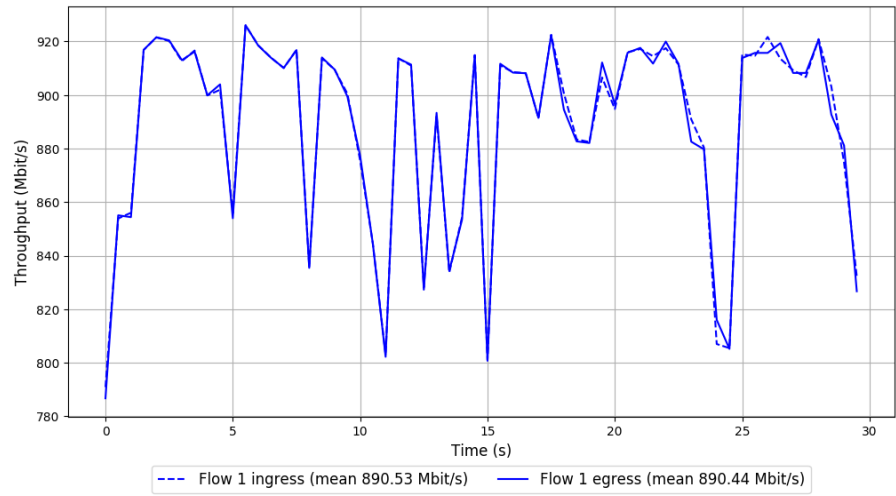
-- Flow 1:

Average throughput: 890.44 Mbit/s

95th percentile per-packet one-way delay: 6.523 ms

Loss rate: 0.03%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-12-11 11:23:16

End at: 2017-12-11 11:23:46

Local clock offset: -2.211 ms

Remote clock offset: 0.382 ms

Below is generated by plot.py at 2017-12-11 17:23:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 897.18 Mbit/s

95th percentile per-packet one-way delay: 14.988 ms

Loss rate: 0.06%

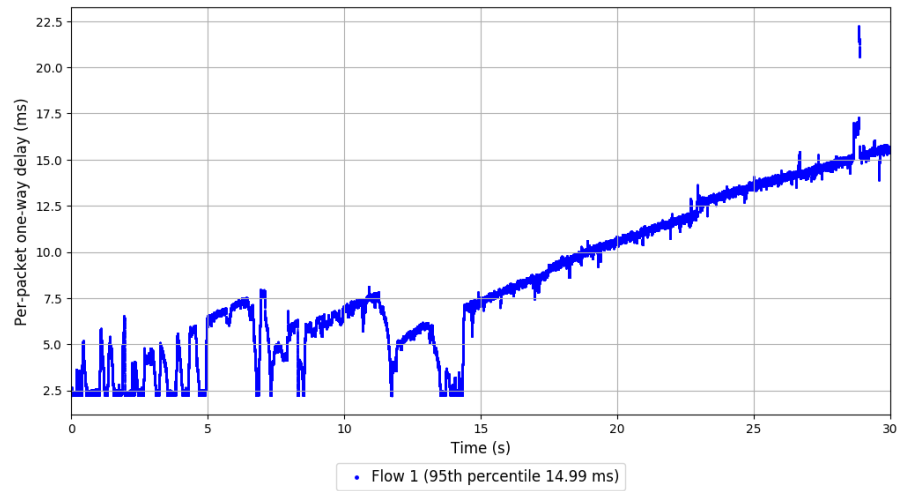
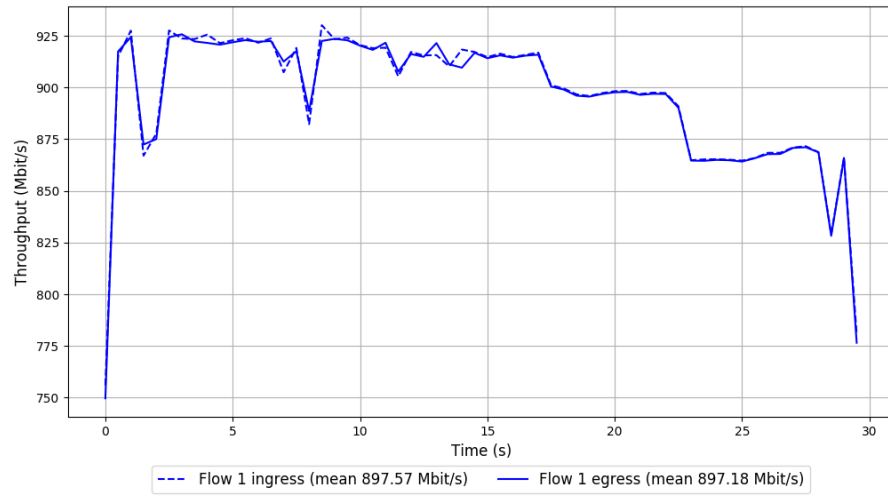
-- Flow 1:

Average throughput: 897.18 Mbit/s

95th percentile per-packet one-way delay: 14.988 ms

Loss rate: 0.06%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-12-11 11:41:30

End at: 2017-12-11 11:42:00

Local clock offset: -2.035 ms

Remote clock offset: 0.668 ms

Below is generated by plot.py at 2017-12-11 17:23:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 897.31 Mbit/s

95th percentile per-packet one-way delay: 4.957 ms

Loss rate: 0.01%

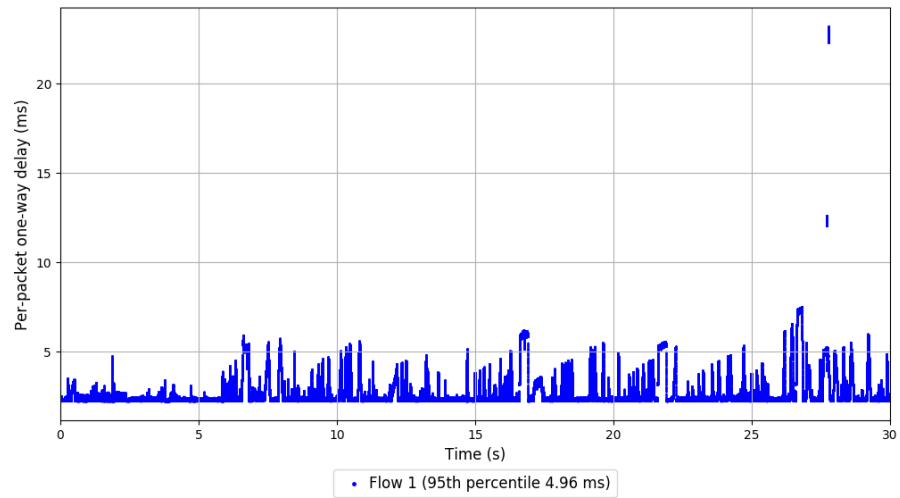
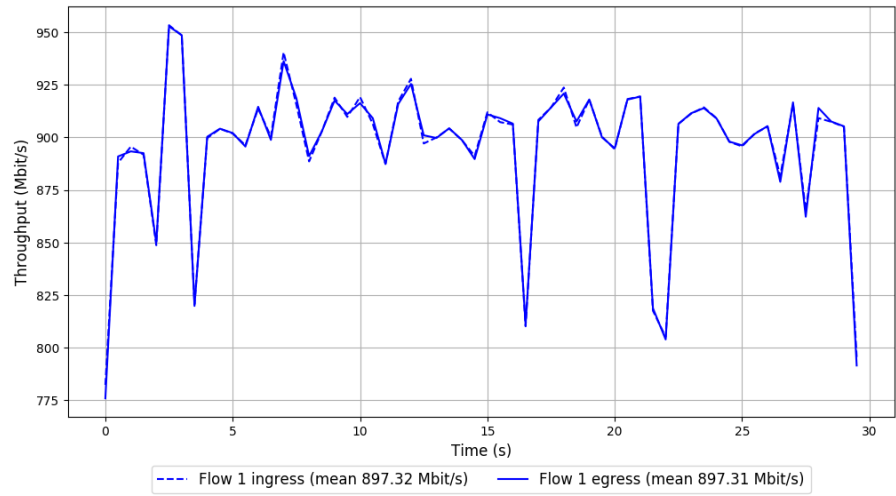
-- Flow 1:

Average throughput: 897.31 Mbit/s

95th percentile per-packet one-way delay: 4.957 ms

Loss rate: 0.01%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-12-11 11:59:52

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

Local clock offset: -2.141 ms

Remote clock offset: 0.91 ms

Below is generated by plot.py at 2017-12-11 17:23:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 856.19 Mbit/s

95th percentile per-packet one-way delay: 10.653 ms

Loss rate: 0.03%

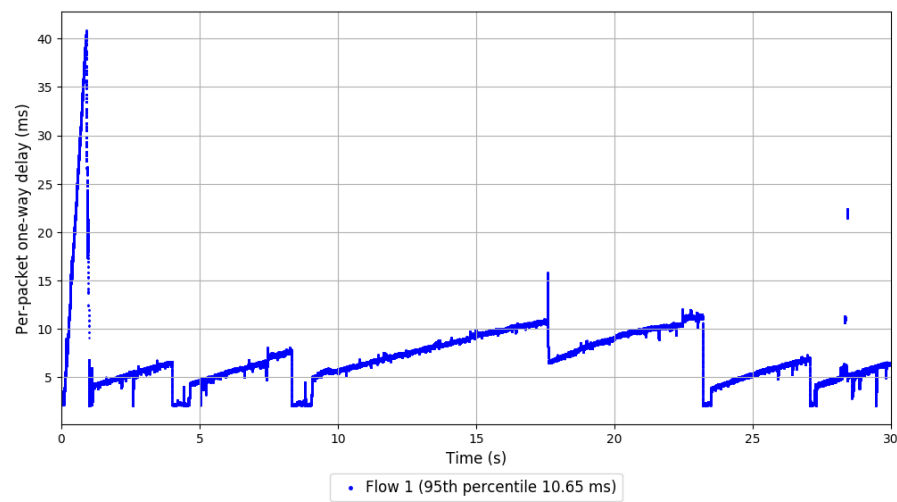
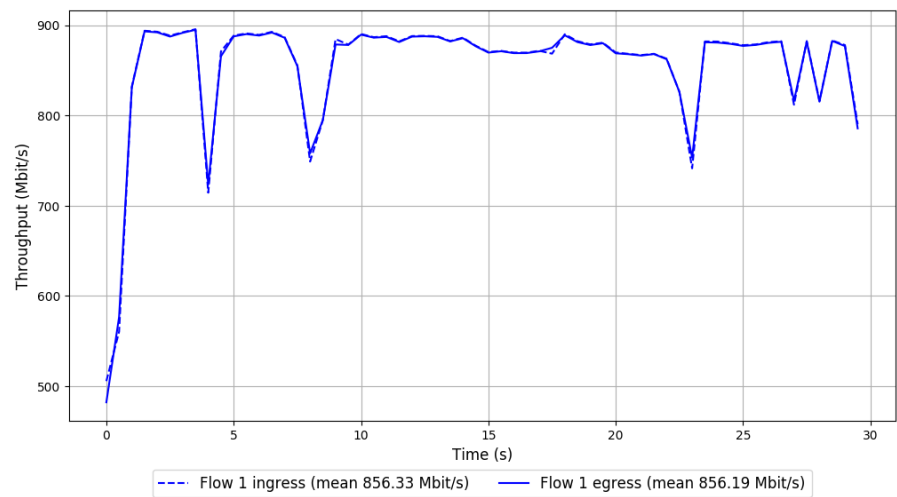
-- Flow 1:

Average throughput: 856.19 Mbit/s

95th percentile per-packet one-way delay: 10.653 ms

Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-12-11 12:18:02

End at: 2017-12-11 12:18:32

Local clock offset: -1.766 ms

Remote clock offset: 1.038 ms

Below is generated by plot.py at 2017-12-11 17:23:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 891.61 Mbit/s

95th percentile per-packet one-way delay: 12.959 ms

Loss rate: 0.05%

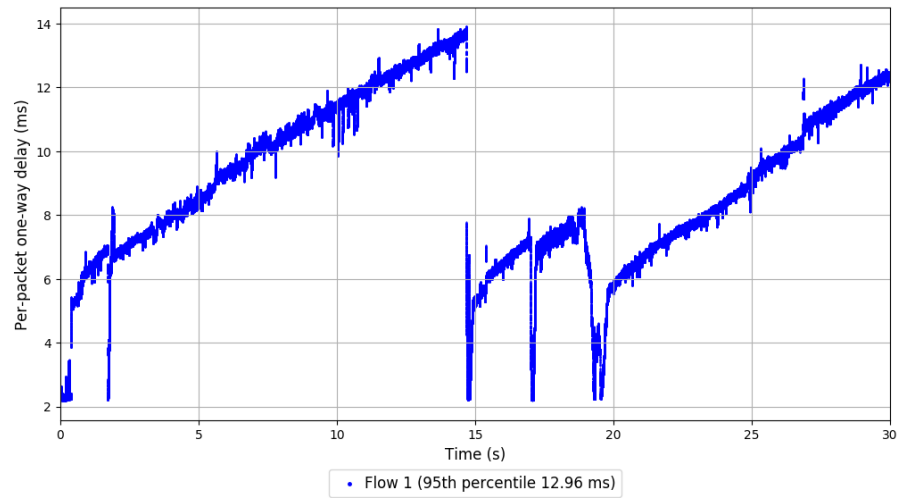
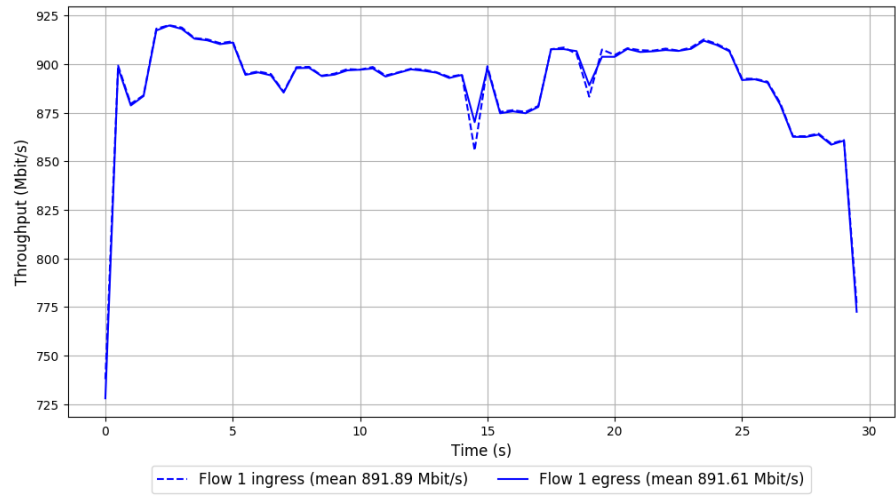
-- Flow 1:

Average throughput: 891.61 Mbit/s

95th percentile per-packet one-way delay: 12.959 ms

Loss rate: 0.05%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-12-11 12:36:16

End at: 2017-12-11 12:36:46

Local clock offset: -1.784 ms

Remote clock offset: 1.134 ms

Below is generated by plot.py at 2017-12-11 17:23:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 872.52 Mbit/s

95th percentile per-packet one-way delay: 8.933 ms

Loss rate: 0.03%

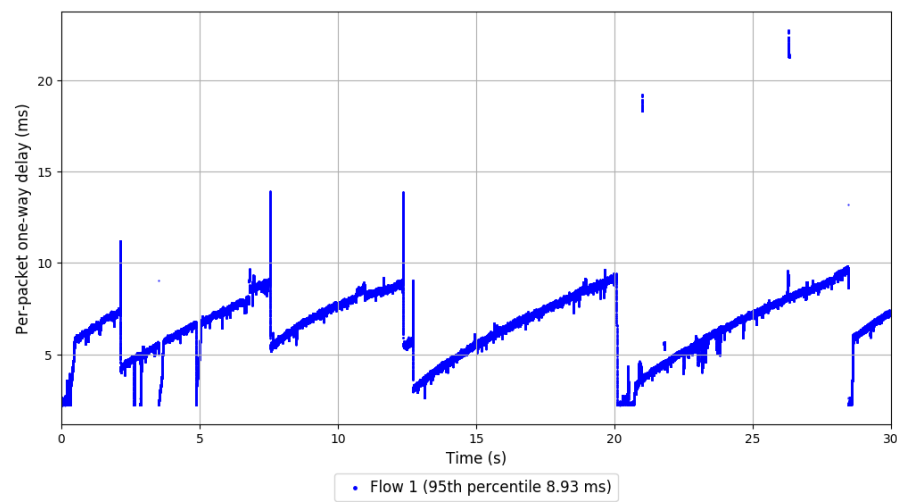
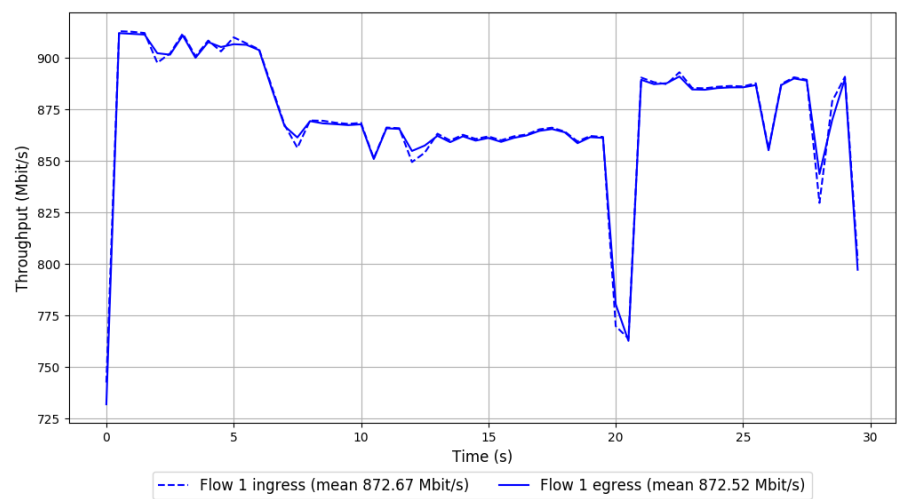
-- Flow 1:

Average throughput: 872.52 Mbit/s

95th percentile per-packet one-way delay: 8.933 ms

Loss rate: 0.03%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-12-11 12:54:17

End at: 2017-12-11 12:54:47

Local clock offset: -1.869 ms

Remote clock offset: 1.182 ms

Below is generated by plot.py at 2017-12-11 17:33:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 882.75 Mbit/s

95th percentile per-packet one-way delay: 8.694 ms

Loss rate: 0.03%

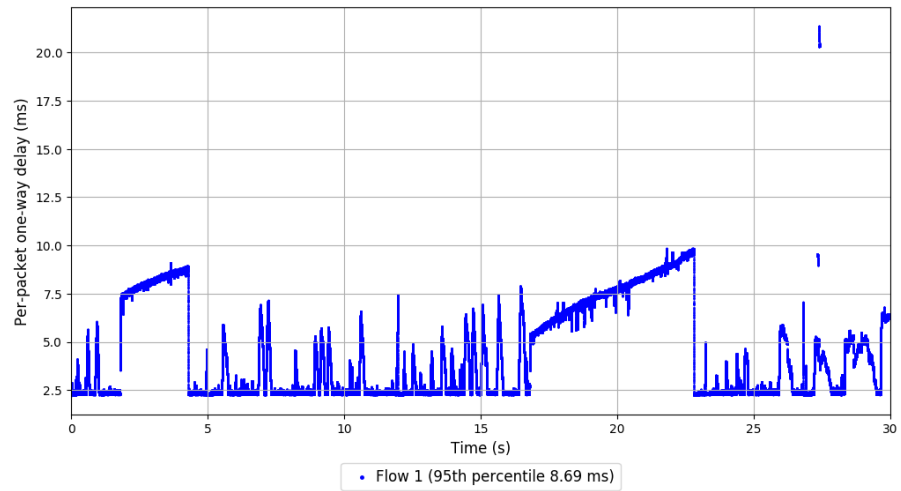
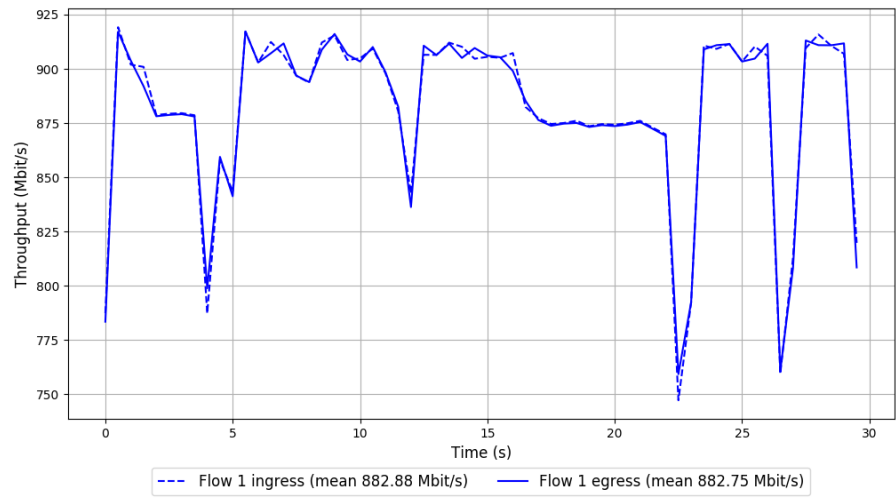
-- Flow 1:

Average throughput: 882.75 Mbit/s

95th percentile per-packet one-way delay: 8.694 ms

Loss rate: 0.03%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-12-11 13:12:28

End at: 2017-12-11 13:12:58

Local clock offset: -2.093 ms

Remote clock offset: 1.0 ms

Below is generated by plot.py at 2017-12-11 17:33:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 889.80 Mbit/s

95th percentile per-packet one-way delay: 4.403 ms

Loss rate: 0.01%

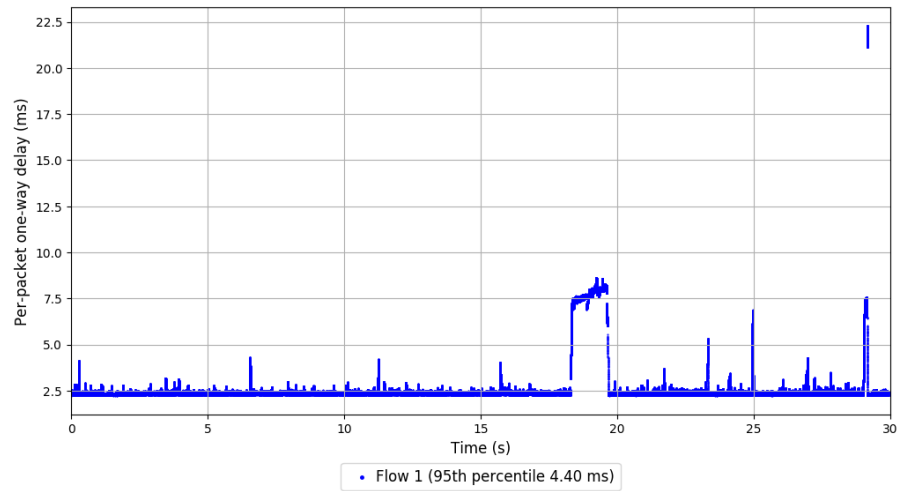
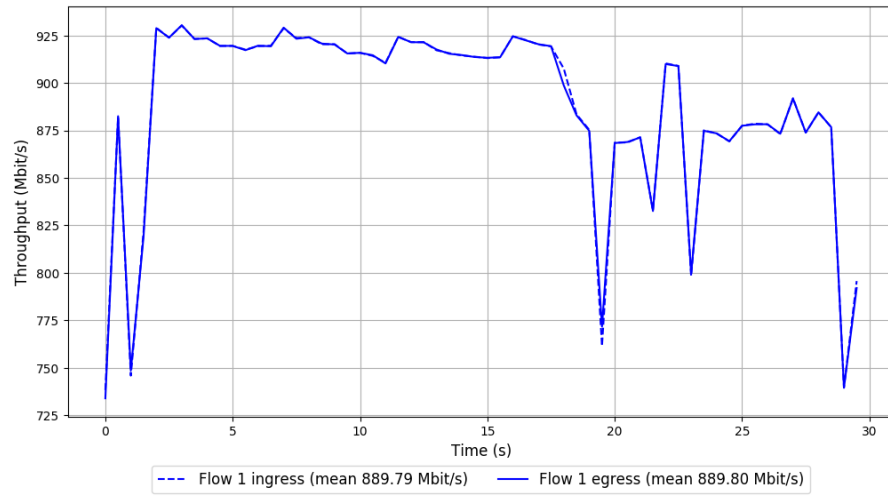
-- Flow 1:

Average throughput: 889.80 Mbit/s

95th percentile per-packet one-way delay: 4.403 ms

Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-12-11 13:30:28

End at: 2017-12-11 13:30:58

Local clock offset: -2.182 ms

Remote clock offset: 0.903 ms

Below is generated by plot.py at 2017-12-11 17:34:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 822.90 Mbit/s

95th percentile per-packet one-way delay: 14.628 ms

Loss rate: 0.02%

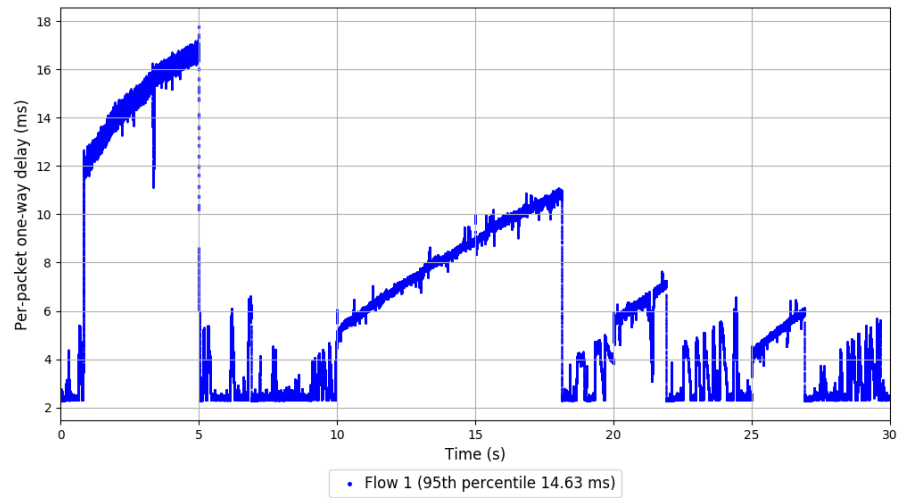
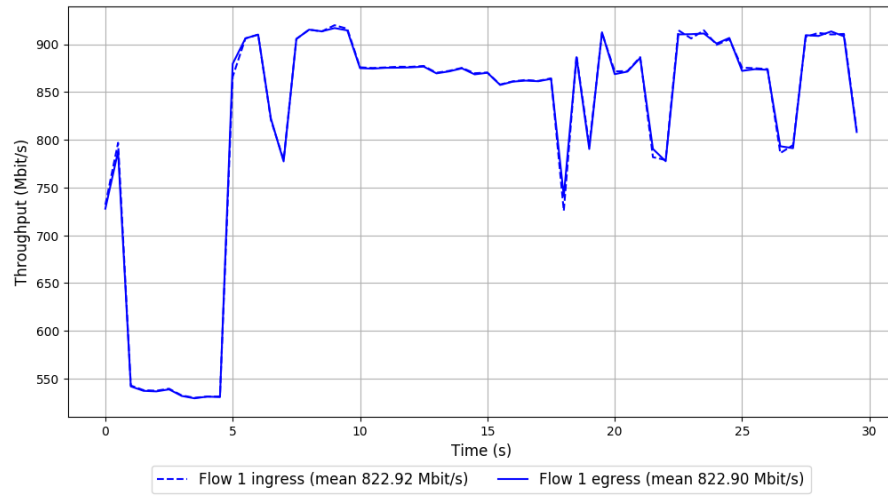
-- Flow 1:

Average throughput: 822.90 Mbit/s

95th percentile per-packet one-way delay: 14.628 ms

Loss rate: 0.02%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-12-11 13:48:34

End at: 2017-12-11 13:49:04

Local clock offset: -2.189 ms

Remote clock offset: 0.835 ms

Below is generated by plot.py at 2017-12-11 17:35:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 880.45 Mbit/s

95th percentile per-packet one-way delay: 8.487 ms

Loss rate: 0.04%

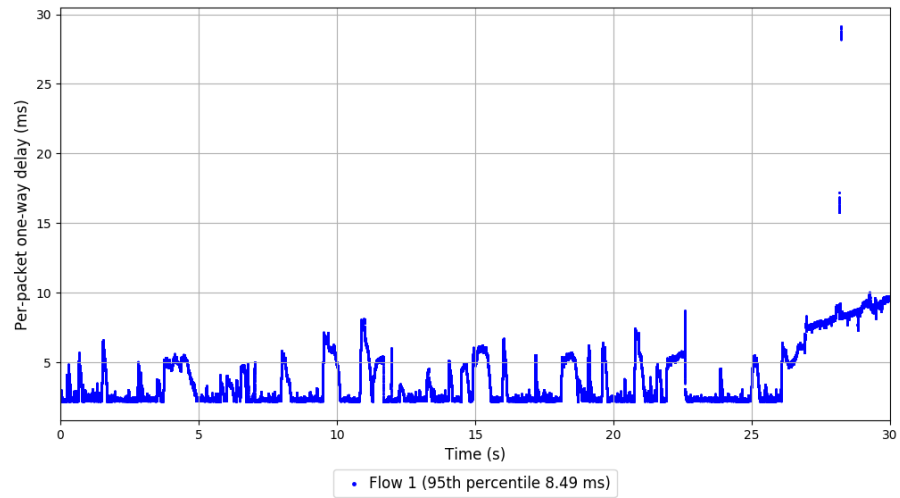
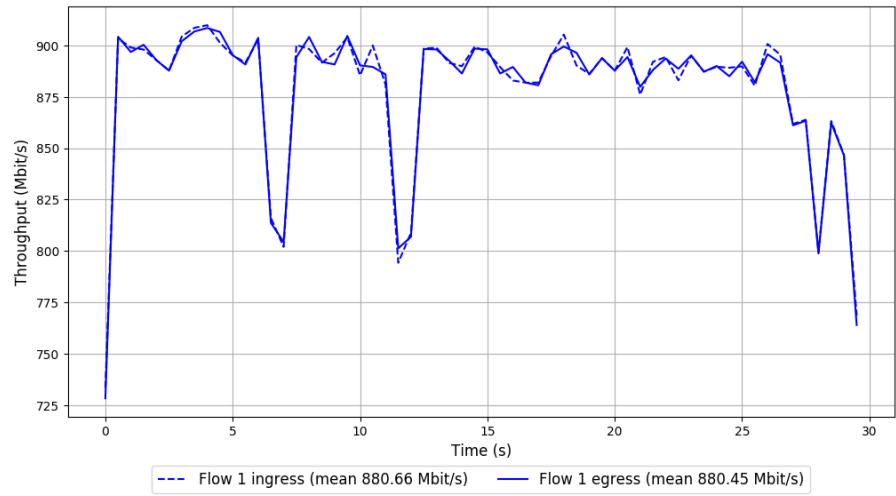
-- Flow 1:

Average throughput: 880.45 Mbit/s

95th percentile per-packet one-way delay: 8.487 ms

Loss rate: 0.04%

Run 10: Report of TCP Cubic — Data Link

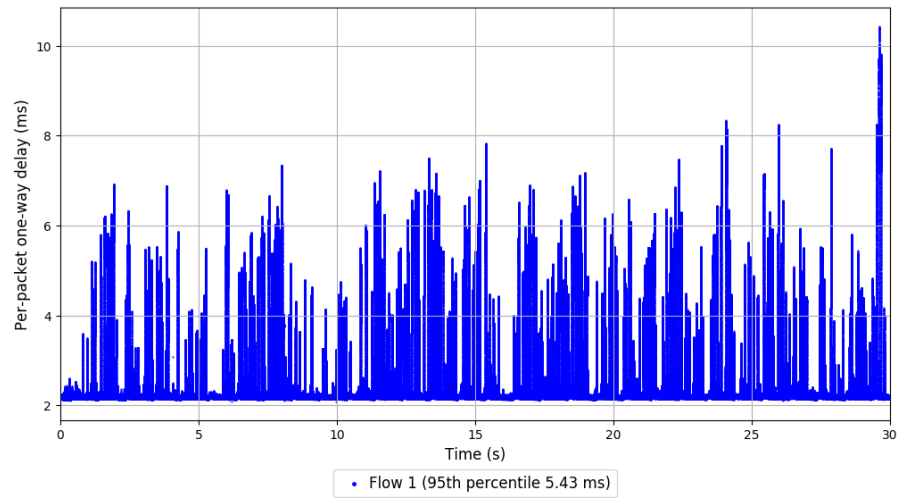
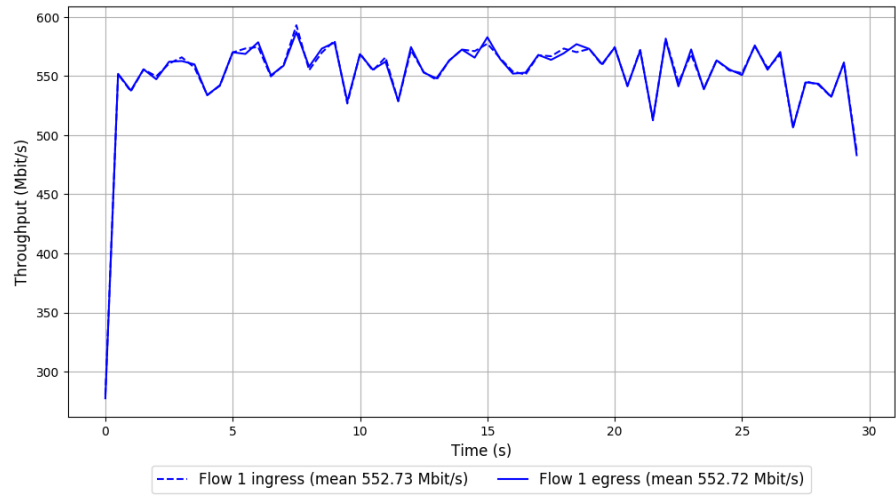


Run 1: Statistics of LEDBAT

Start at: 2017-12-11 10:56:02
End at: 2017-12-11 10:56:33
Local clock offset: -2.712 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2017-12-11 17:35:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 552.72 Mbit/s
95th percentile per-packet one-way delay: 5.427 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 552.72 Mbit/s
95th percentile per-packet one-way delay: 5.427 ms
Loss rate: 0.02%

Run 1: Report of LEDBAT — Data Link

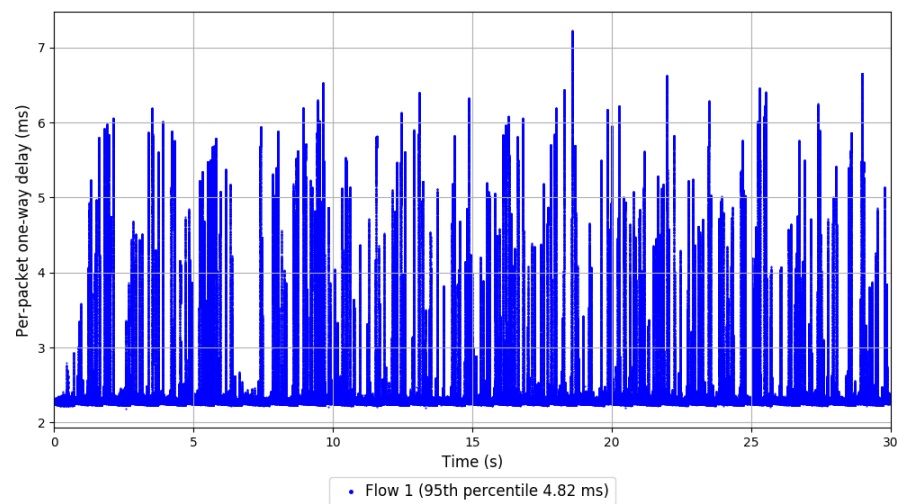
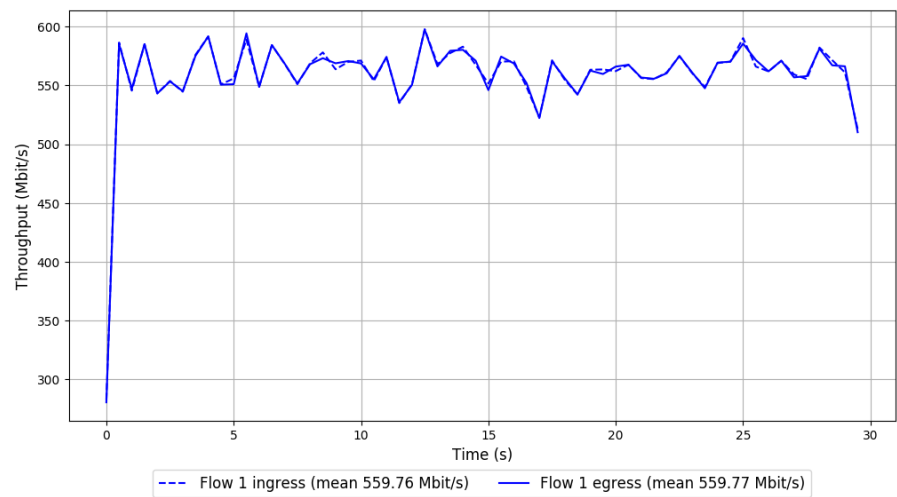


```
Run 2: Statistics of LEDBAT

Start at: 2017-12-11 11:14:12
End at: 2017-12-11 11:14:42
Local clock offset: -2.341 ms
Remote clock offset: 0.244 ms

# Below is generated by plot.py at 2017-12-11 17:35:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 559.77 Mbit/s
95th percentile per-packet one-way delay: 4.818 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 559.77 Mbit/s
95th percentile per-packet one-way delay: 4.818 ms
Loss rate: 0.01%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-12-11 11:32:14

End at: 2017-12-11 11:32:45

Local clock offset: -2.083 ms

Remote clock offset: 0.514 ms

Below is generated by plot.py at 2017-12-11 17:35:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 483.01 Mbit/s

95th percentile per-packet one-way delay: 21.224 ms

Loss rate: 0.03%

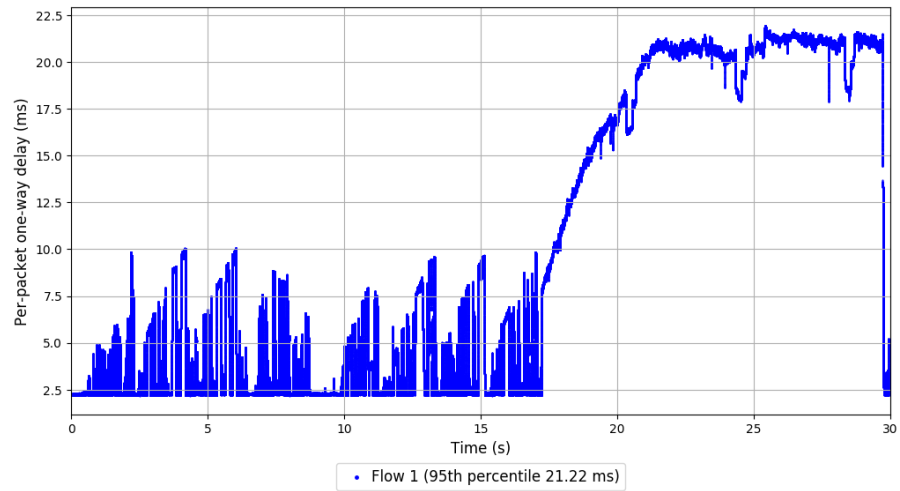
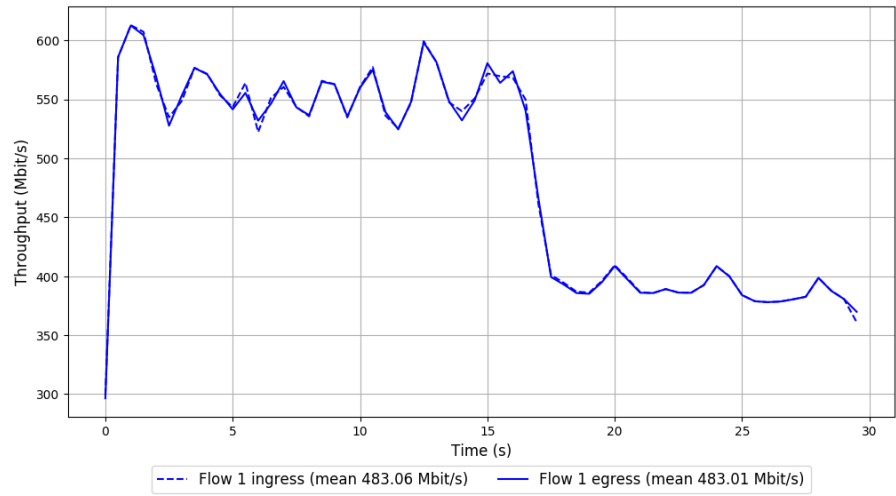
-- Flow 1:

Average throughput: 483.01 Mbit/s

95th percentile per-packet one-way delay: 21.224 ms

Loss rate: 0.03%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-12-11 11:50:31

End at: 2017-12-11 11:51:01

Local clock offset: -2.087 ms

Remote clock offset: 0.781 ms

Below is generated by plot.py at 2017-12-11 17:35:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 548.53 Mbit/s

95th percentile per-packet one-way delay: 6.040 ms

Loss rate: 0.00%

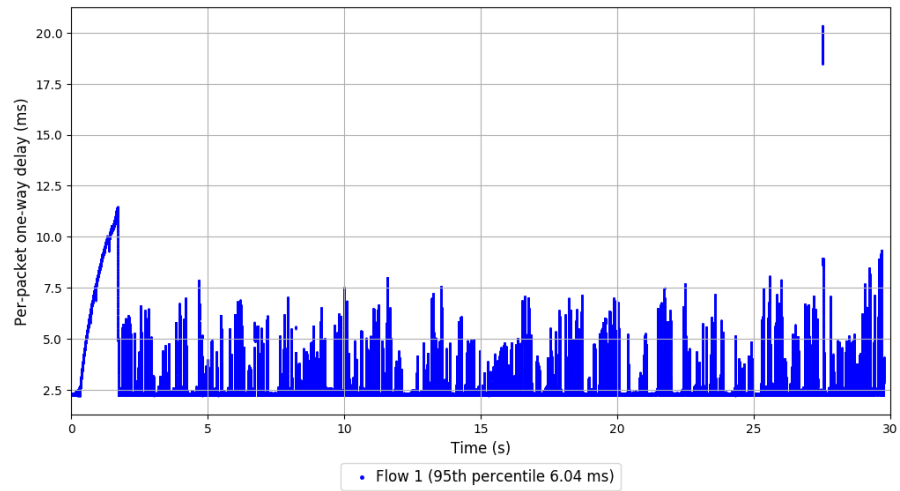
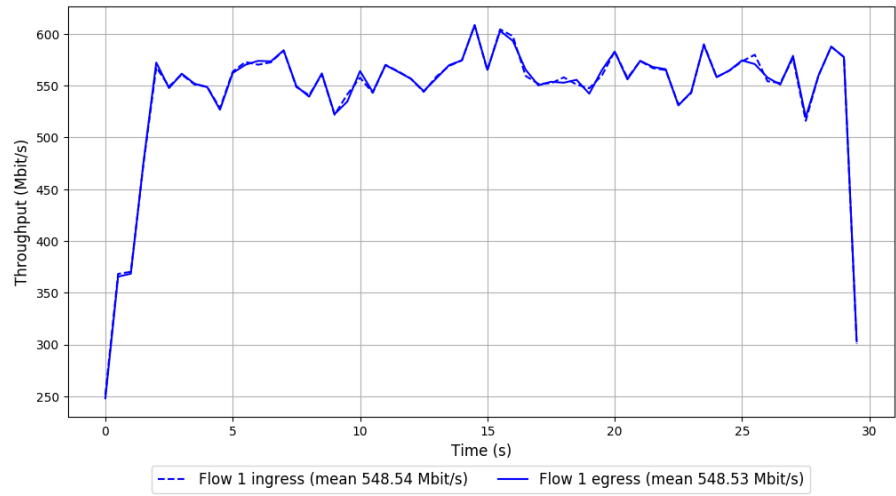
-- Flow 1:

Average throughput: 548.53 Mbit/s

95th percentile per-packet one-way delay: 6.040 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-12-11 12:08:50

End at: 2017-12-11 12:09:20

Local clock offset: -1.829 ms

Remote clock offset: 0.979 ms

Below is generated by plot.py at 2017-12-11 17:38:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 534.76 Mbit/s

95th percentile per-packet one-way delay: 7.683 ms

Loss rate: 0.01%

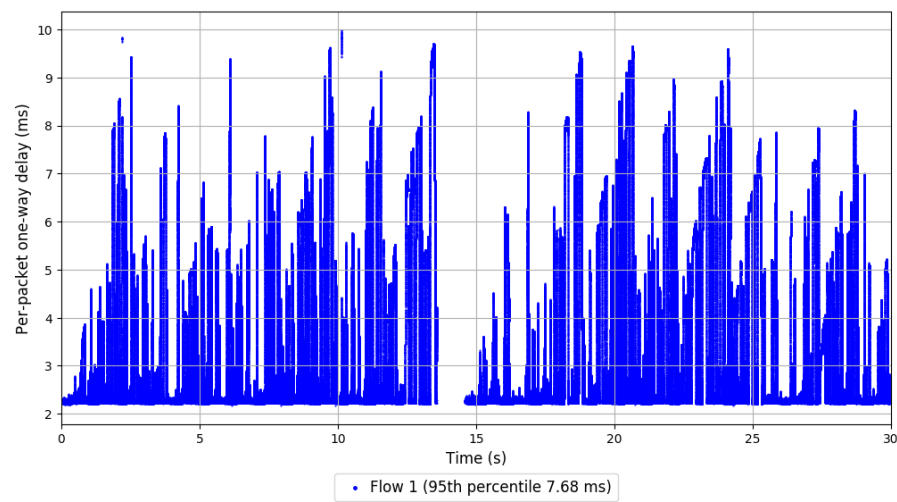
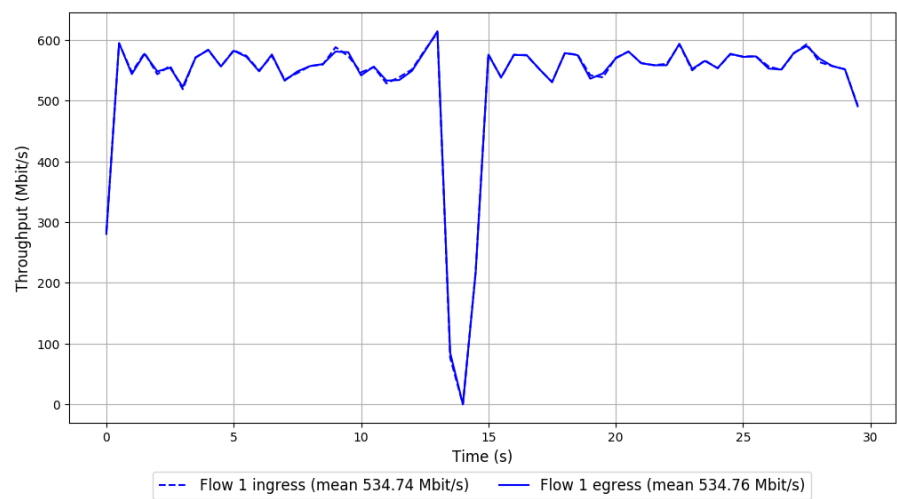
-- Flow 1:

Average throughput: 534.76 Mbit/s

95th percentile per-packet one-way delay: 7.683 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-12-11 12:27:06

End at: 2017-12-11 12:27:36

Local clock offset: -1.707 ms

Remote clock offset: 1.106 ms

Below is generated by plot.py at 2017-12-11 17:38:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 538.19 Mbit/s

95th percentile per-packet one-way delay: 9.099 ms

Loss rate: 0.02%

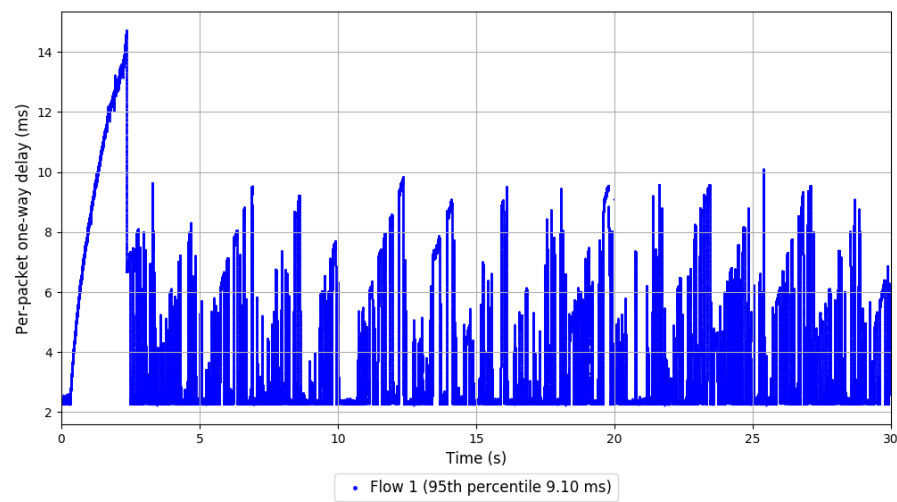
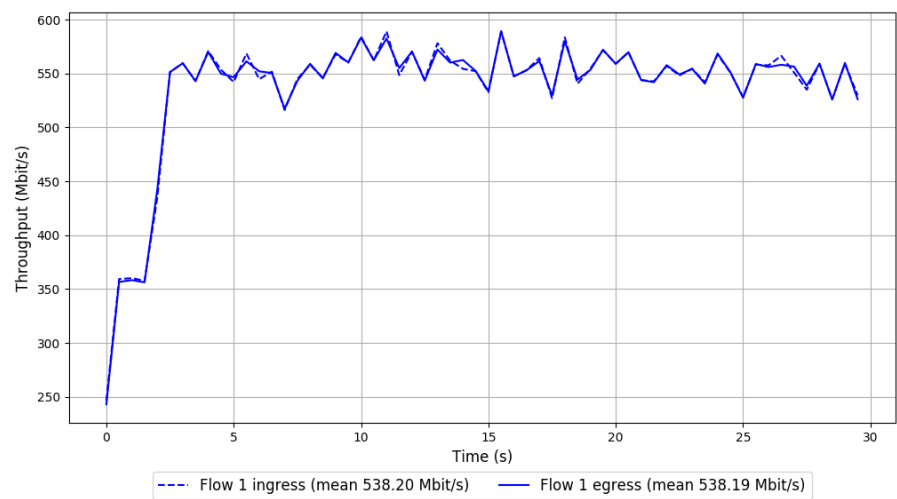
-- Flow 1:

Average throughput: 538.19 Mbit/s

95th percentile per-packet one-way delay: 9.099 ms

Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-12-11 12:45:14

End at: 2017-12-11 12:45:44

Local clock offset: -1.782 ms

Remote clock offset: 1.225 ms

Below is generated by plot.py at 2017-12-11 17:38:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 520.71 Mbit/s

95th percentile per-packet one-way delay: 10.994 ms

Loss rate: 0.02%

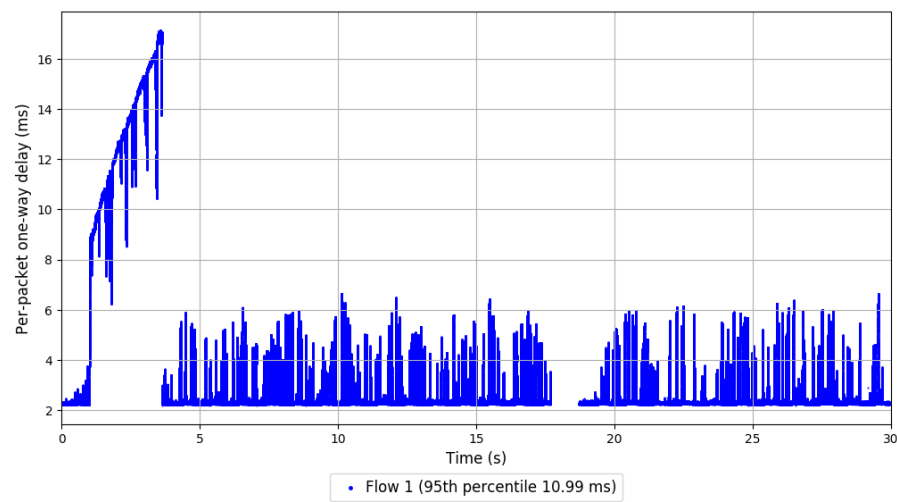
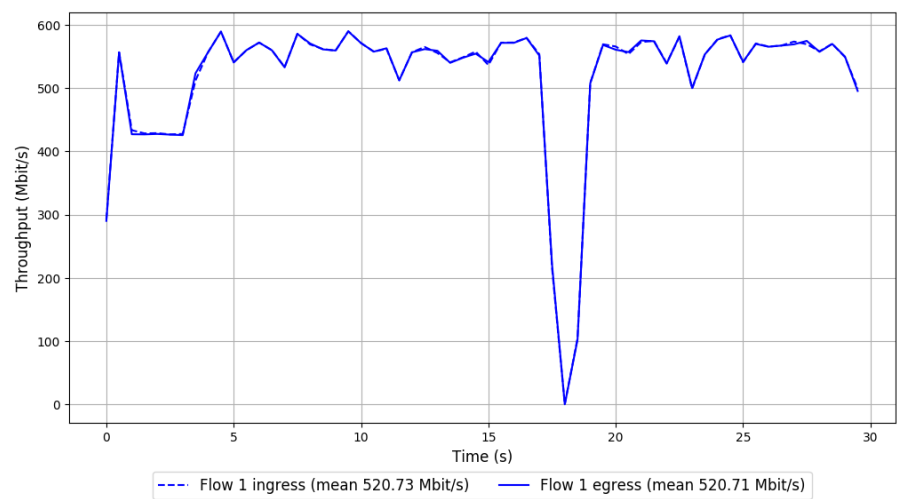
-- Flow 1:

Average throughput: 520.71 Mbit/s

95th percentile per-packet one-way delay: 10.994 ms

Loss rate: 0.02%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-12-11 13:03:19

End at: 2017-12-11 13:03:50

Local clock offset: -1.971 ms

Remote clock offset: 1.081 ms

Below is generated by plot.py at 2017-12-11 17:39:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 565.32 Mbit/s

95th percentile per-packet one-way delay: 4.287 ms

Loss rate: 0.02%

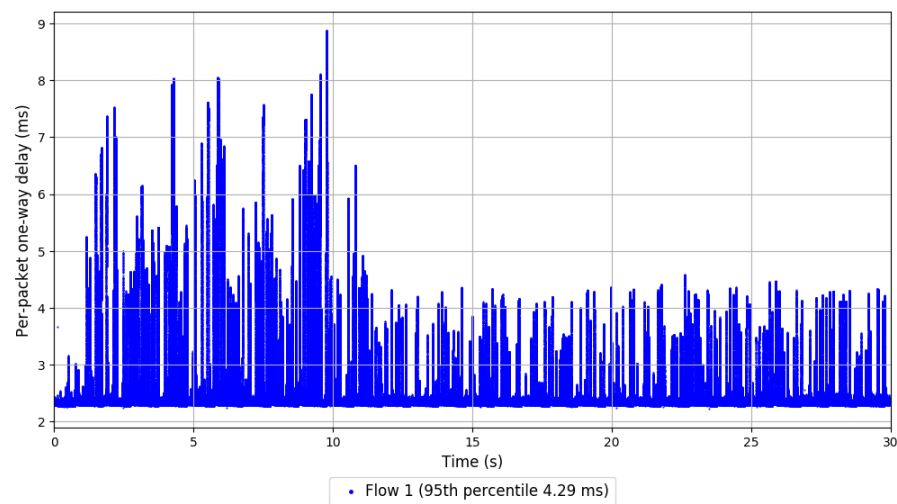
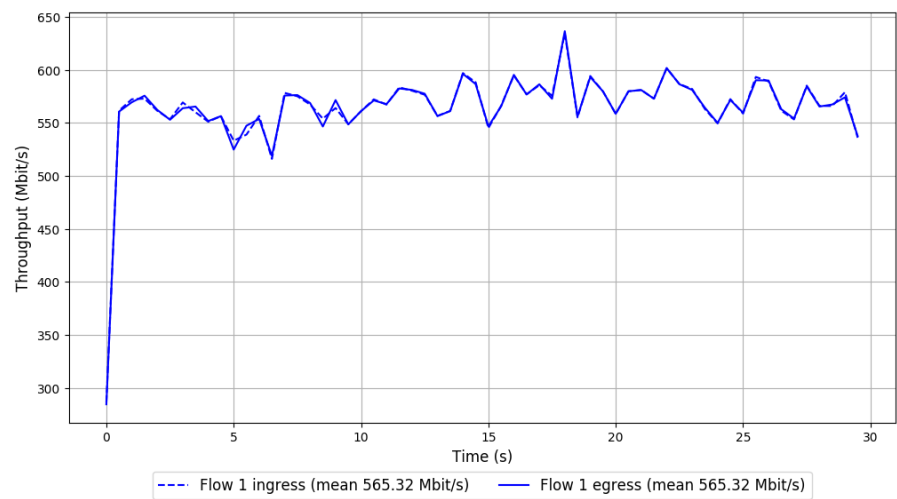
-- Flow 1:

Average throughput: 565.32 Mbit/s

95th percentile per-packet one-way delay: 4.287 ms

Loss rate: 0.02%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-12-11 13:21:24

End at: 2017-12-11 13:21:54

Local clock offset: -2.1 ms

Remote clock offset: 1.022 ms

Below is generated by plot.py at 2017-12-11 17:40:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 552.23 Mbit/s

95th percentile per-packet one-way delay: 4.932 ms

Loss rate: 0.01%

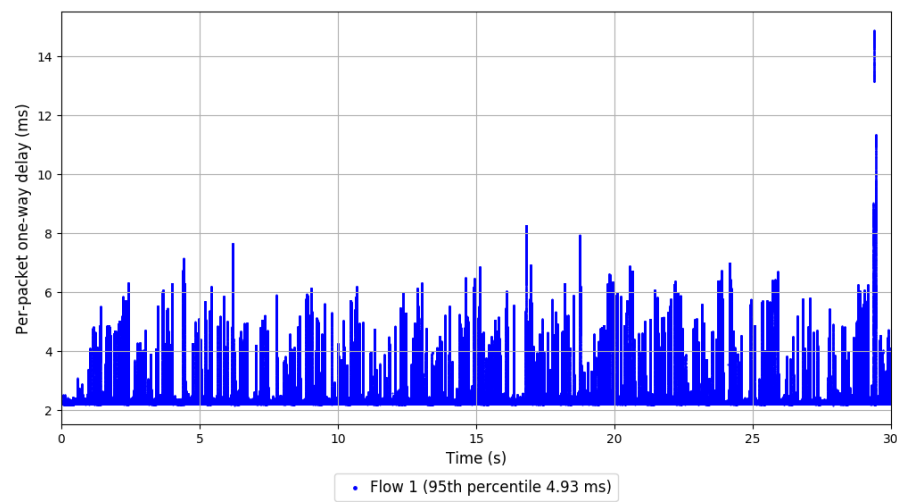
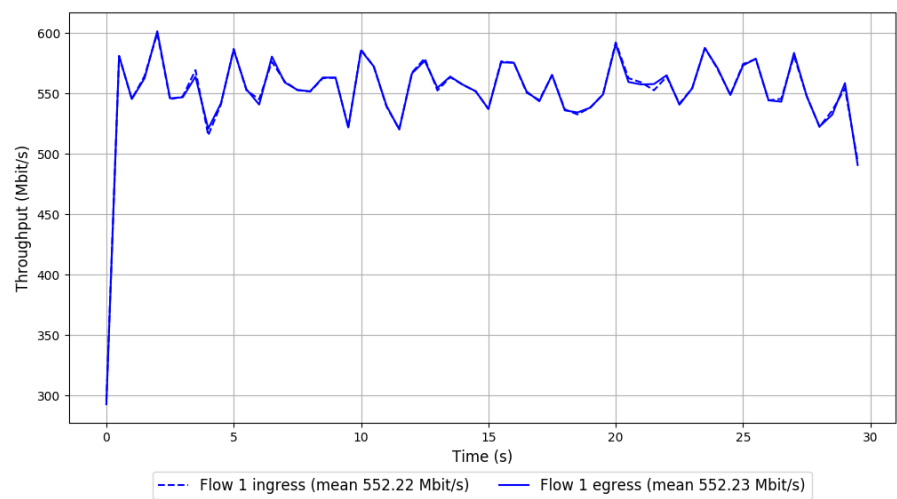
-- Flow 1:

Average throughput: 552.23 Mbit/s

95th percentile per-packet one-way delay: 4.932 ms

Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-12-11 13:39:27

End at: 2017-12-11 13:39:57

Local clock offset: -2.193 ms

Remote clock offset: 0.924 ms

Below is generated by plot.py at 2017-12-11 17:40:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 496.00 Mbit/s

95th percentile per-packet one-way delay: 20.326 ms

Loss rate: 0.01%

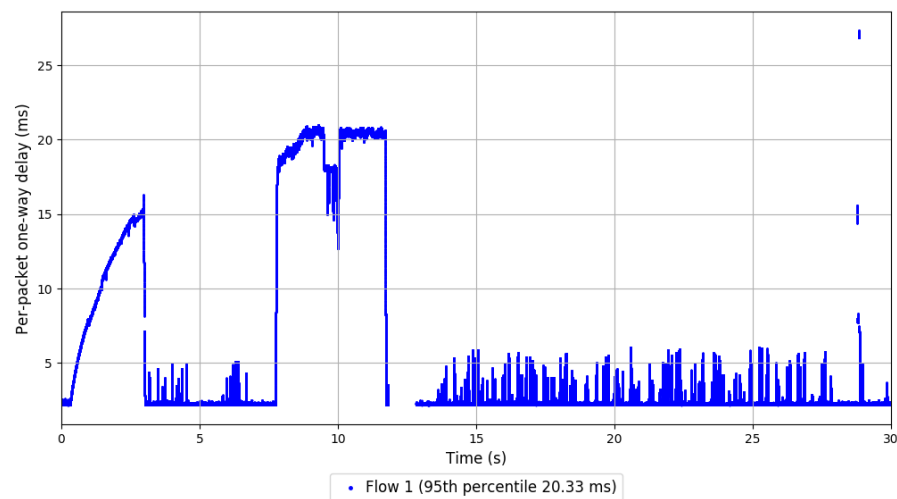
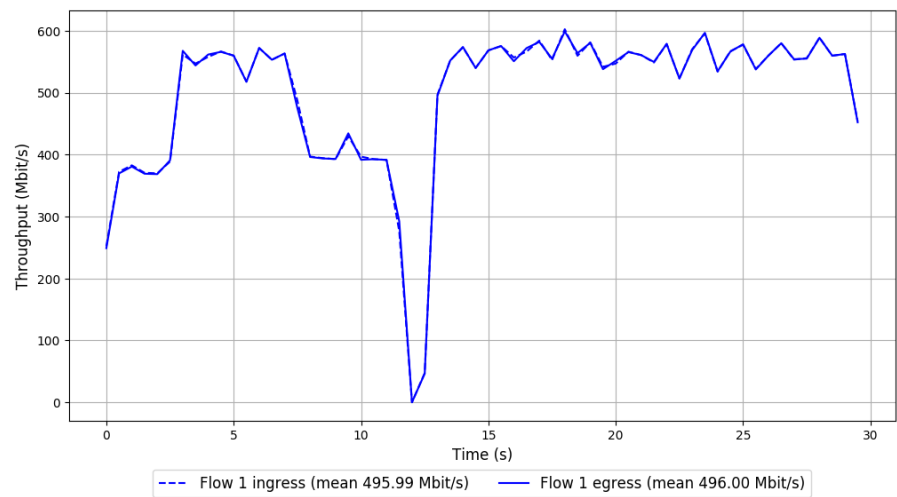
-- Flow 1:

Average throughput: 496.00 Mbit/s

95th percentile per-packet one-way delay: 20.326 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

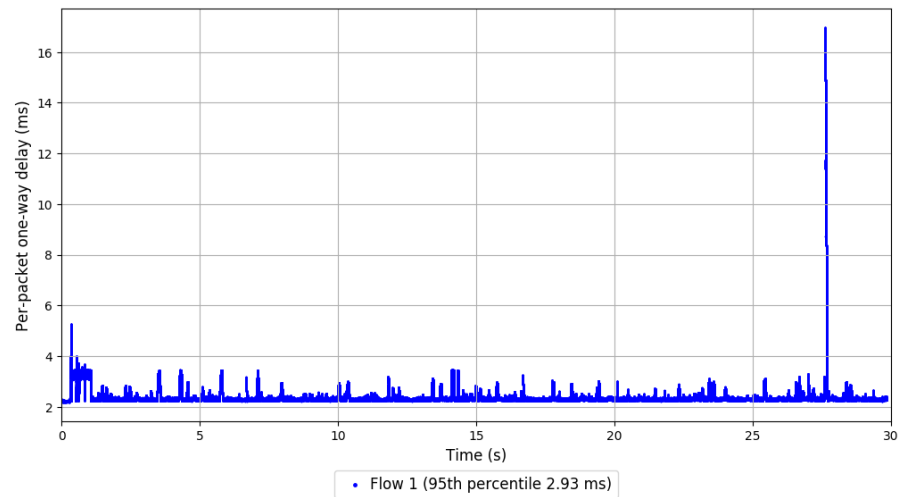
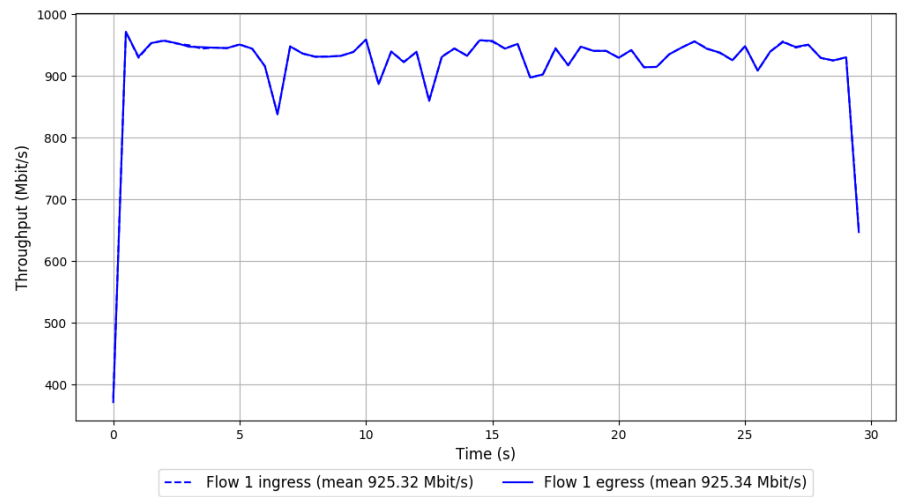


```
Run 1: Statistics of PCC

Start at: 2017-12-11 11:01:08
End at: 2017-12-11 11:01:38
Local clock offset: -2.617 ms
Remote clock offset: 0.029 ms

# Below is generated by plot.py at 2017-12-11 17:46:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 925.34 Mbit/s
95th percentile per-packet one-way delay: 2.931 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 925.34 Mbit/s
95th percentile per-packet one-way delay: 2.931 ms
Loss rate: 0.02%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-12-11 11:19:17

End at: 2017-12-11 11:19:47

Local clock offset: -2.267 ms

Remote clock offset: 0.317 ms

Below is generated by plot.py at 2017-12-11 17:47:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 926.75 Mbit/s

95th percentile per-packet one-way delay: 2.603 ms

Loss rate: 0.01%

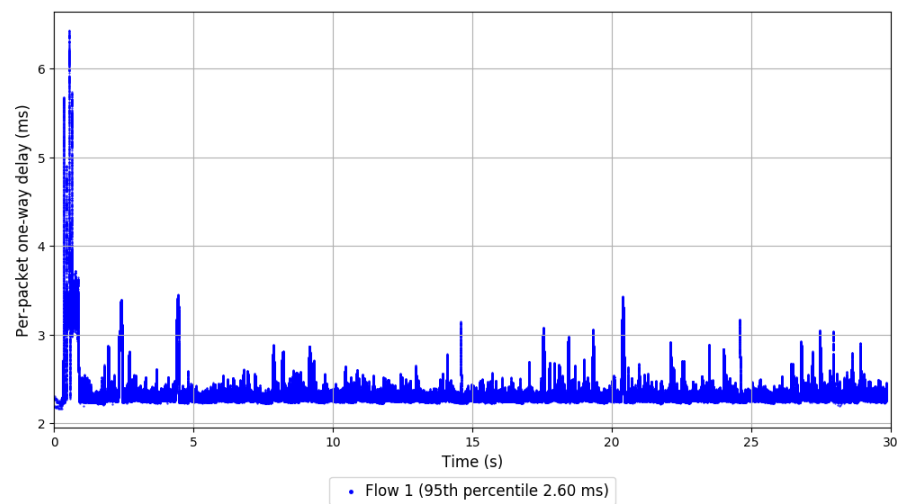
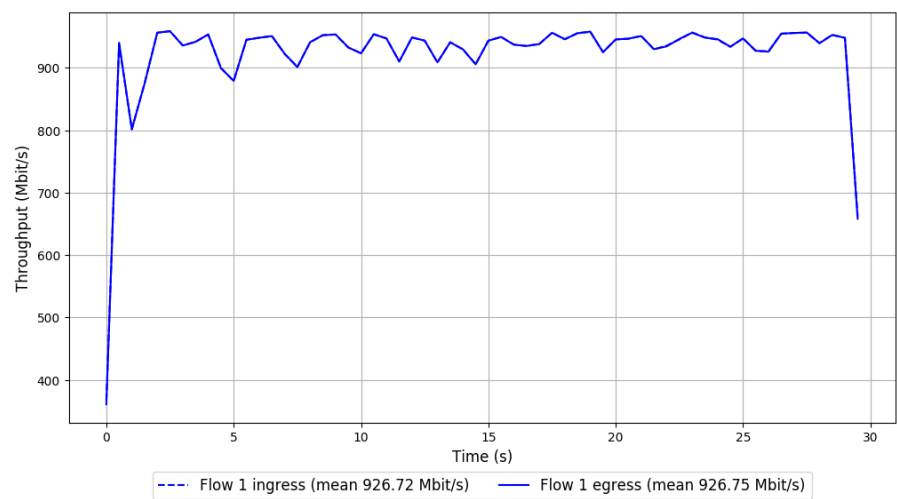
-- Flow 1:

Average throughput: 926.75 Mbit/s

95th percentile per-packet one-way delay: 2.603 ms

Loss rate: 0.01%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-12-11 11:37:16

End at: 2017-12-11 11:37:46

Local clock offset: -2.05 ms

Remote clock offset: 0.531 ms

Below is generated by plot.py at 2017-12-11 17:51:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 922.22 Mbit/s

95th percentile per-packet one-way delay: 2.753 ms

Loss rate: 0.02%

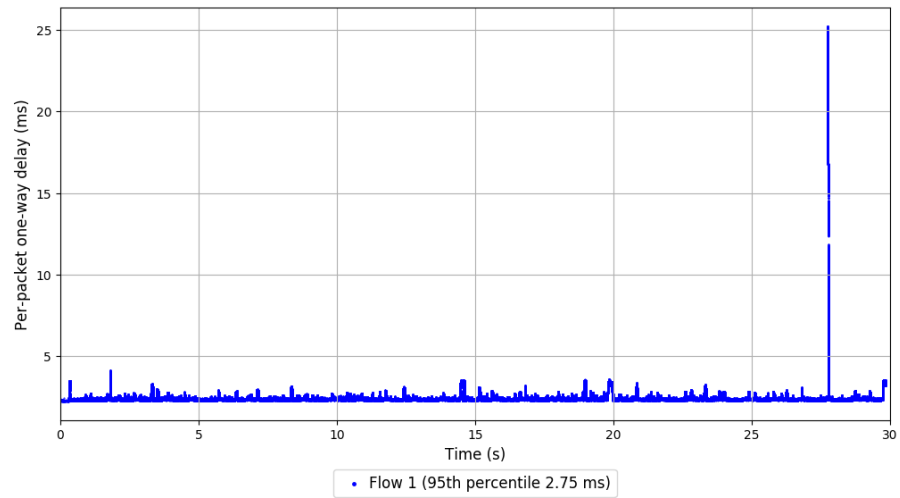
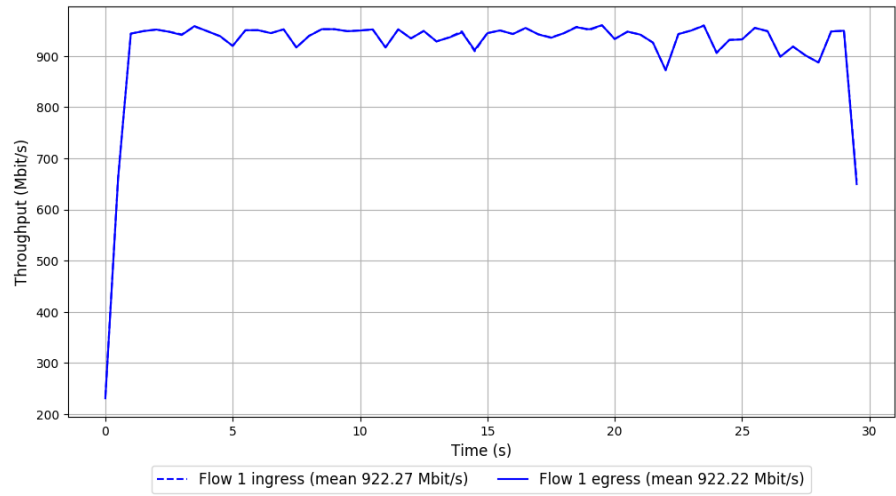
-- Flow 1:

Average throughput: 922.22 Mbit/s

95th percentile per-packet one-way delay: 2.753 ms

Loss rate: 0.02%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-12-11 11:55:35

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

Local clock offset: -2.128 ms

Remote clock offset: 0.84 ms

Below is generated by plot.py at 2017-12-11 17:52:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 919.48 Mbit/s

95th percentile per-packet one-way delay: 2.756 ms

Loss rate: 0.01%

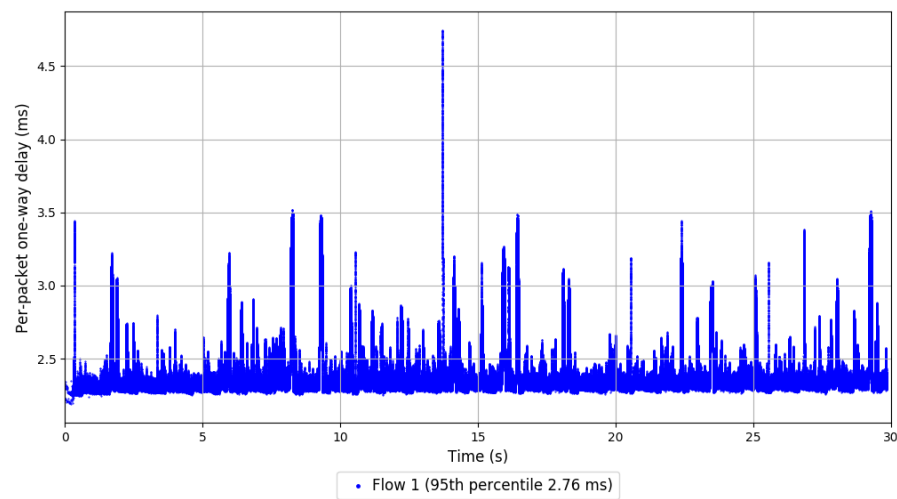
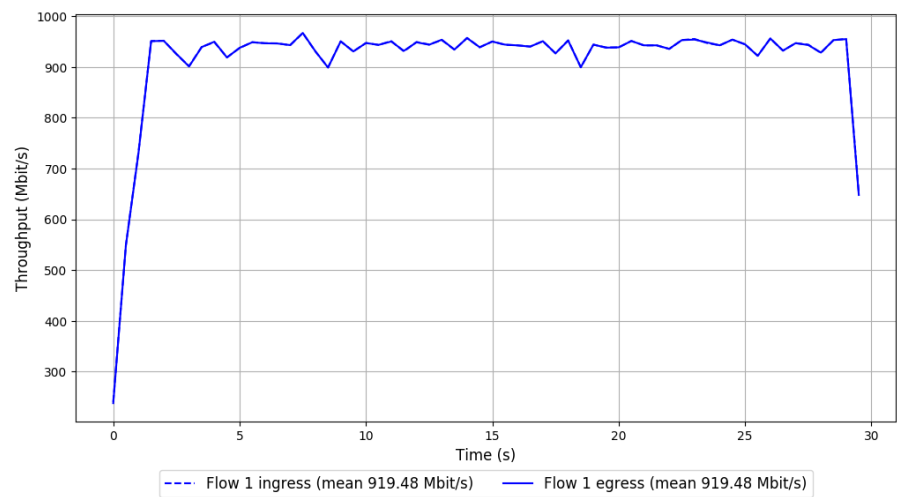
-- Flow 1:

Average throughput: 919.48 Mbit/s

95th percentile per-packet one-way delay: 2.756 ms

Loss rate: 0.01%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-12-11 12:13:56

End at: 2017-12-11 12:14:26

Local clock offset: -1.847 ms

Remote clock offset: 0.995 ms

Below is generated by plot.py at 2017-12-11 17:52:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 907.64 Mbit/s

95th percentile per-packet one-way delay: 2.923 ms

Loss rate: 0.79%

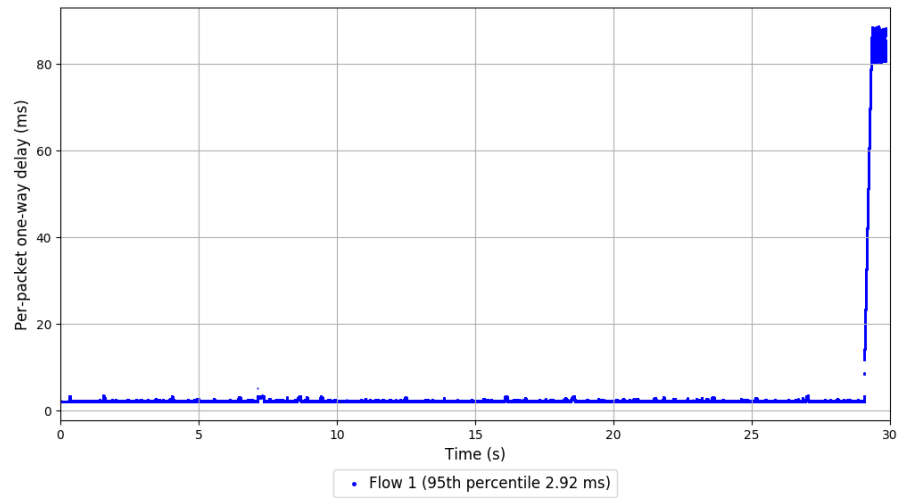
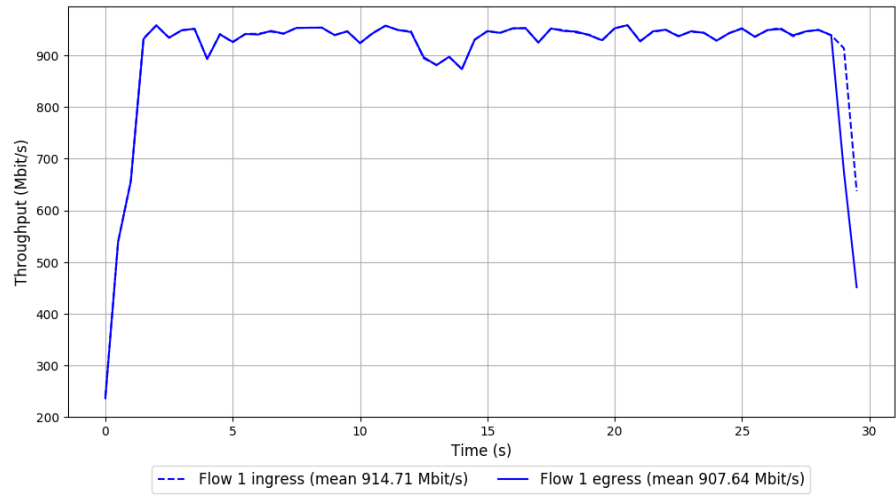
-- Flow 1:

Average throughput: 907.64 Mbit/s

95th percentile per-packet one-way delay: 2.923 ms

Loss rate: 0.79%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-12-11 12:32:08

End at: 2017-12-11 12:32:38

Local clock offset: -1.71 ms

Remote clock offset: 1.16 ms

Below is generated by plot.py at 2017-12-11 17:52:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 926.47 Mbit/s

95th percentile per-packet one-way delay: 2.884 ms

Loss rate: 0.01%

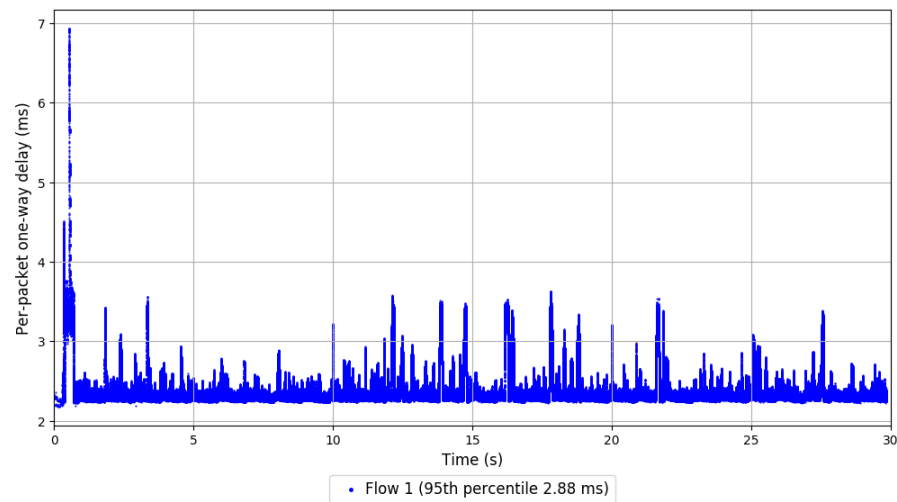
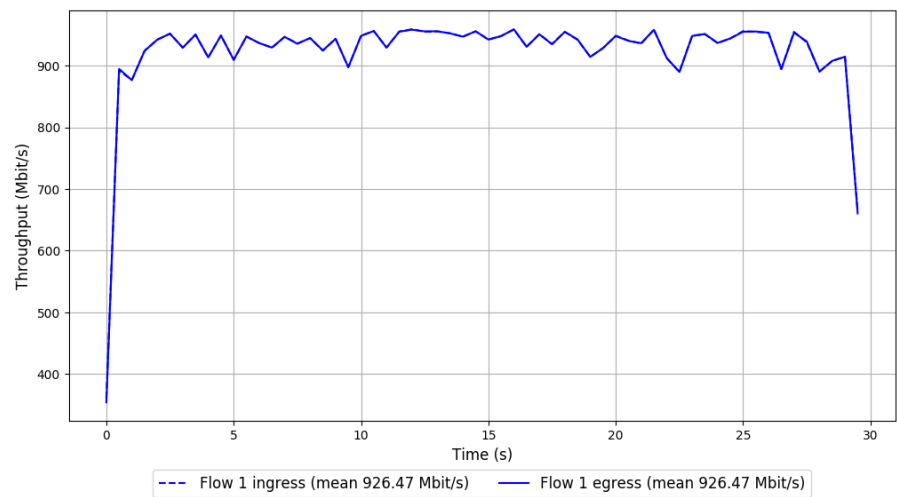
-- Flow 1:

Average throughput: 926.47 Mbit/s

95th percentile per-packet one-way delay: 2.884 ms

Loss rate: 0.01%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-12-11 12:50:16

End at: 2017-12-11 12:50:46

Local clock offset: -1.849 ms

Remote clock offset: 1.2 ms

Below is generated by plot.py at 2017-12-11 17:53:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 923.47 Mbit/s

95th percentile per-packet one-way delay: 2.733 ms

Loss rate: 0.02%

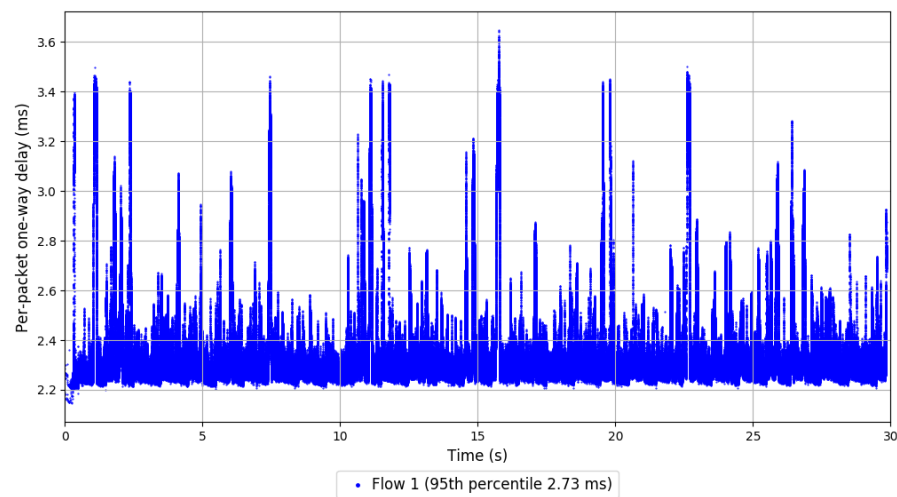
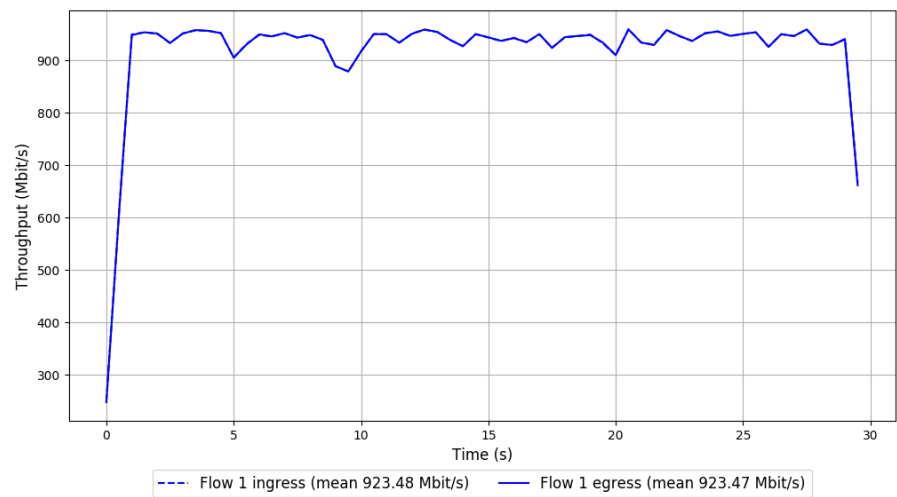
-- Flow 1:

Average throughput: 923.47 Mbit/s

95th percentile per-packet one-way delay: 2.733 ms

Loss rate: 0.02%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-12-11 13:08:24

End at: 2017-12-11 13:08:54

Local clock offset: -2.088 ms

Remote clock offset: 1.089 ms

Below is generated by plot.py at 2017-12-11 17:53:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 901.31 Mbit/s

95th percentile per-packet one-way delay: 61.094 ms

Loss rate: 0.34%

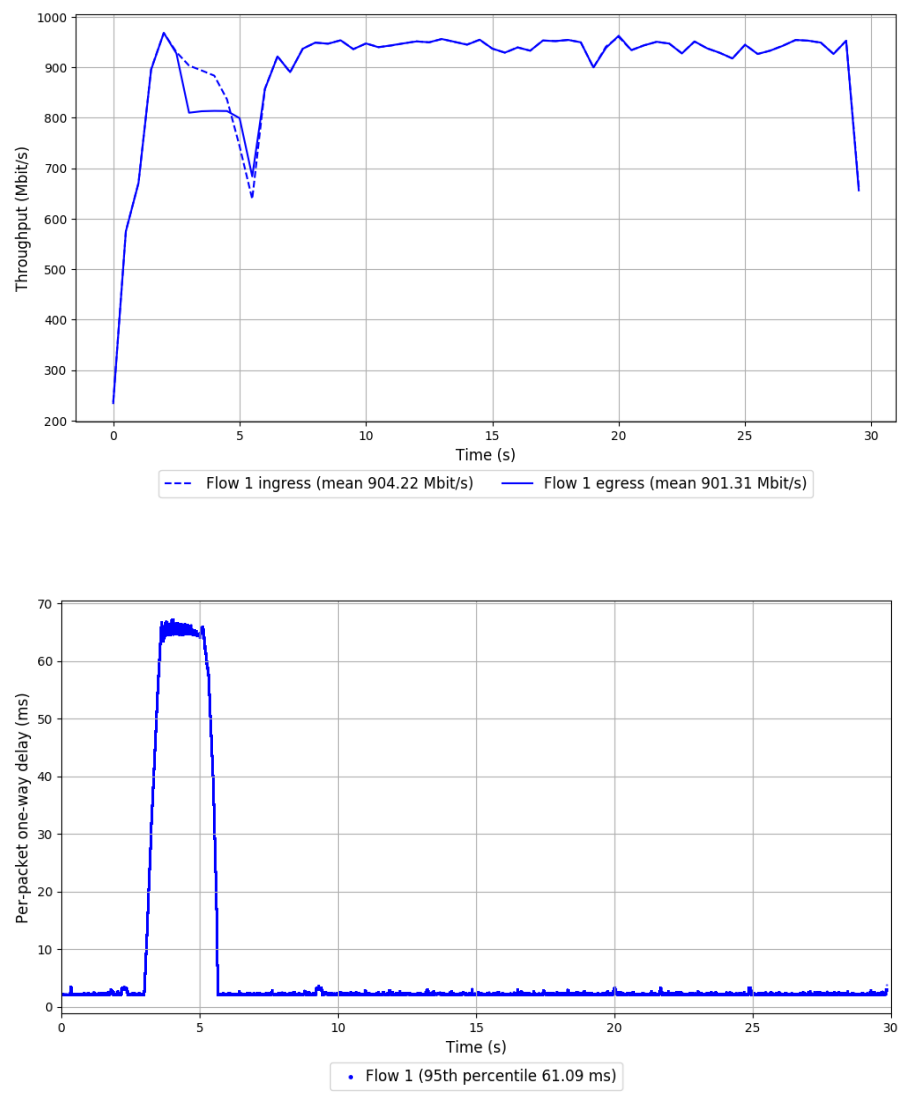
-- Flow 1:

Average throughput: 901.31 Mbit/s

95th percentile per-packet one-way delay: 61.094 ms

Loss rate: 0.34%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-12-11 13:26:25

End at: 2017-12-11 13:26:55

Local clock offset: -2.145 ms

Remote clock offset: 0.992 ms

Below is generated by plot.py at 2017-12-11 18:01:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 912.77 Mbit/s

95th percentile per-packet one-way delay: 2.807 ms

Loss rate: 0.02%

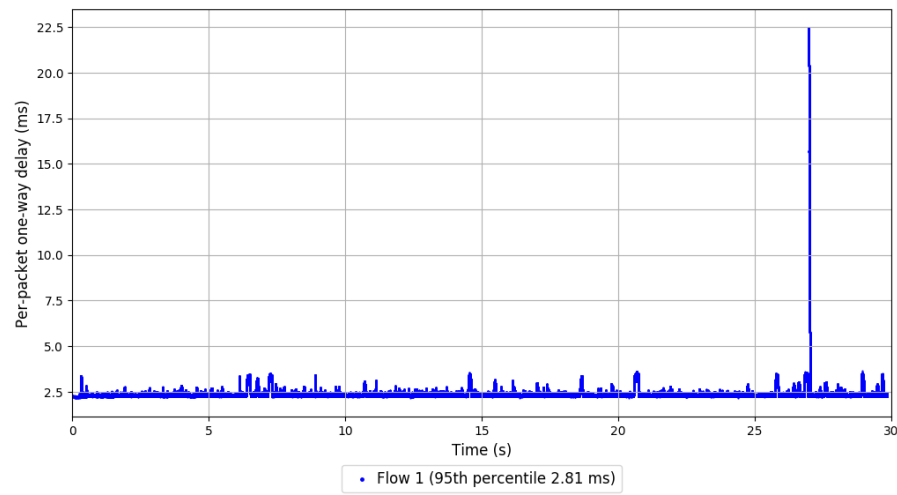
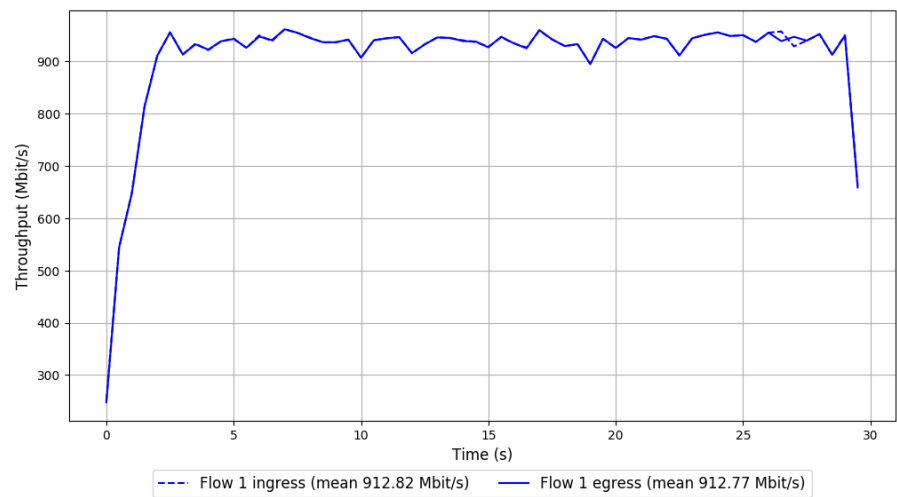
-- Flow 1:

Average throughput: 912.77 Mbit/s

95th percentile per-packet one-way delay: 2.807 ms

Loss rate: 0.02%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-12-11 13:44:29

End at: 2017-12-11 13:44:59

Local clock offset: -2.169 ms

Remote clock offset: 0.91 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 925.30 Mbit/s

95th percentile per-packet one-way delay: 2.748 ms

Loss rate: 0.02%

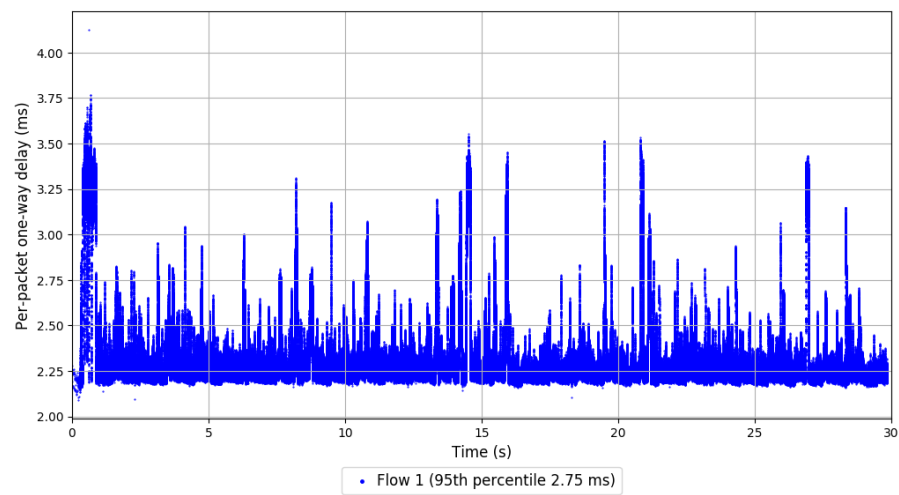
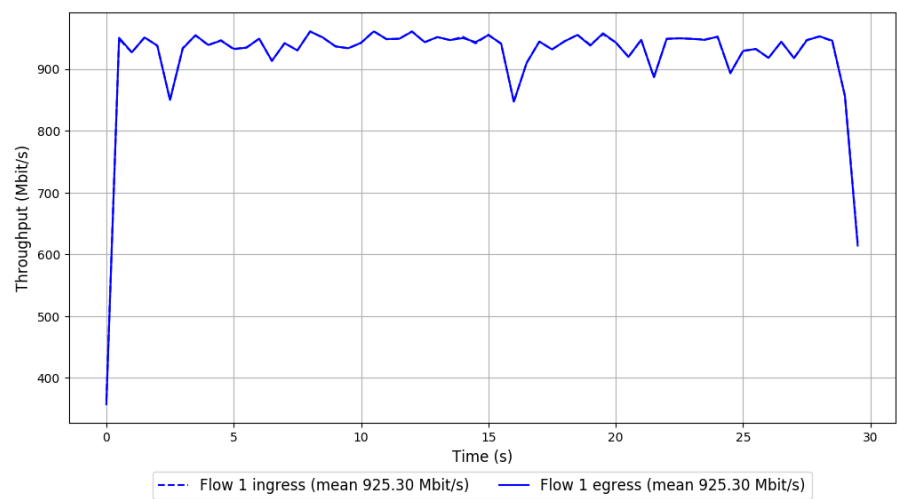
-- Flow 1:

Average throughput: 925.30 Mbit/s

95th percentile per-packet one-way delay: 2.748 ms

Loss rate: 0.02%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-12-11 10:58:38

End at: 2017-12-11 10:59:08

Local clock offset: -2.603 ms

Remote clock offset: -0.002 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.71 Mbit/s

95th percentile per-packet one-way delay: 2.294 ms

Loss rate: 0.01%

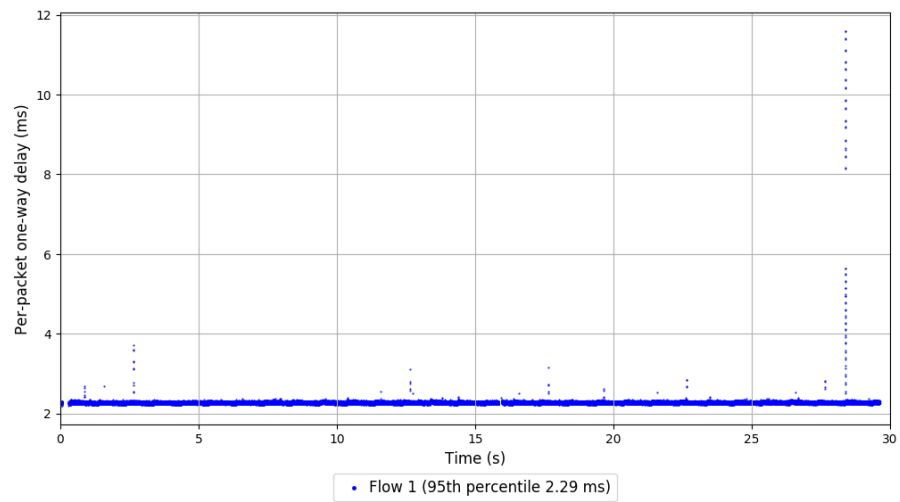
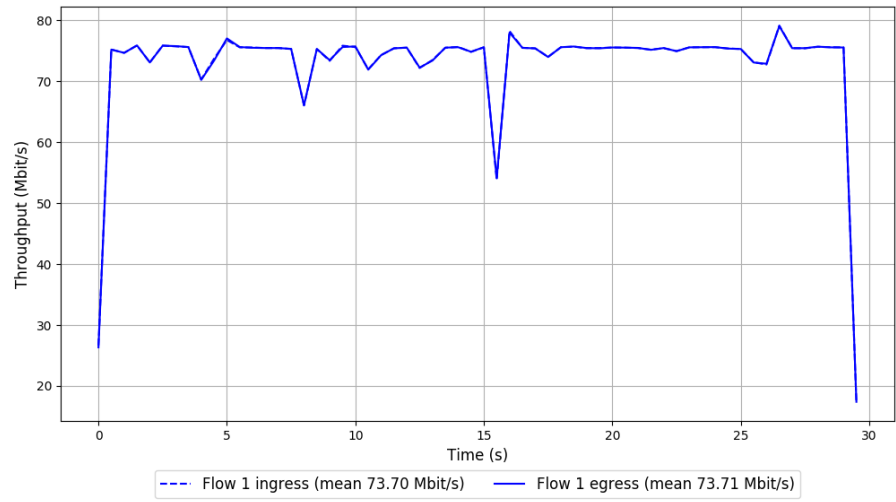
-- Flow 1:

Average throughput: 73.71 Mbit/s

95th percentile per-packet one-way delay: 2.294 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-12-11 11:16:48

End at: 2017-12-11 11:17:18

Local clock offset: -2.308 ms

Remote clock offset: 0.275 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.35 Mbit/s

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

Loss rate: 0.02%

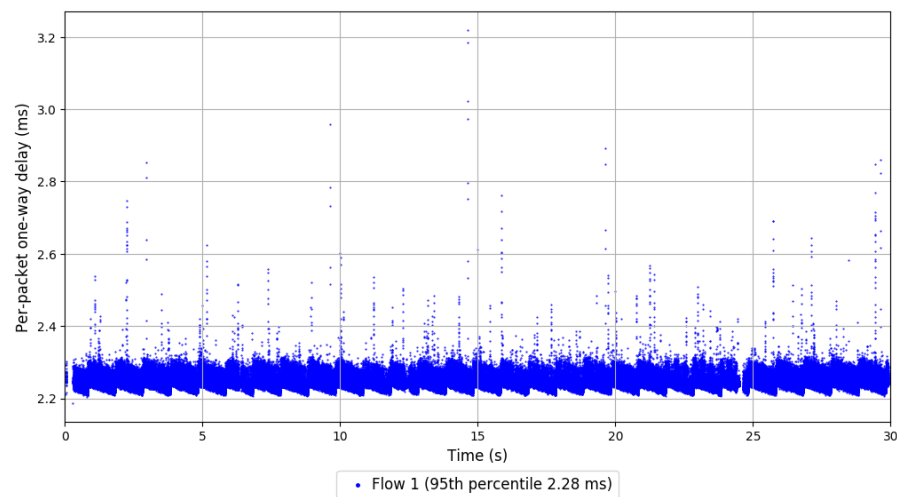
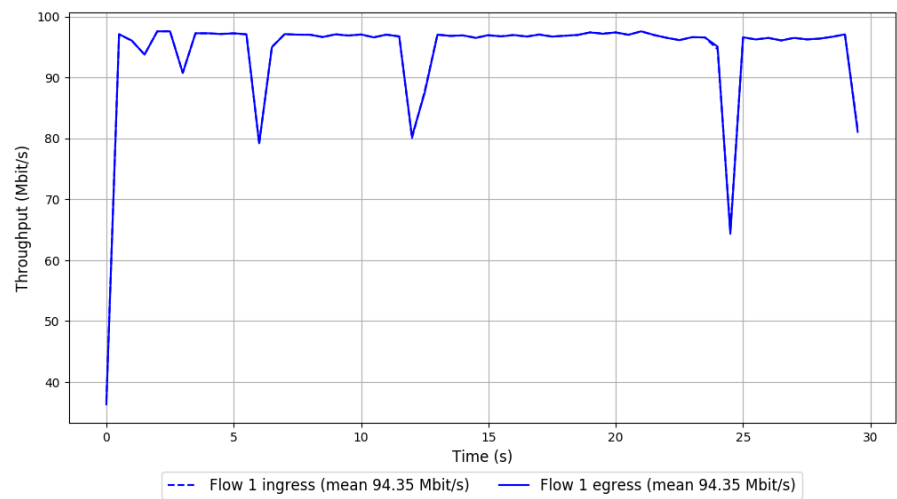
-- Flow 1:

Average throughput: 94.35 Mbit/s

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

Loss rate: 0.02%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-12-11 11:34:48

End at: 2017-12-11 11:35:18

Local clock offset: -2.049 ms

Remote clock offset: 0.56 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 2.255 ms

Loss rate: 0.02%

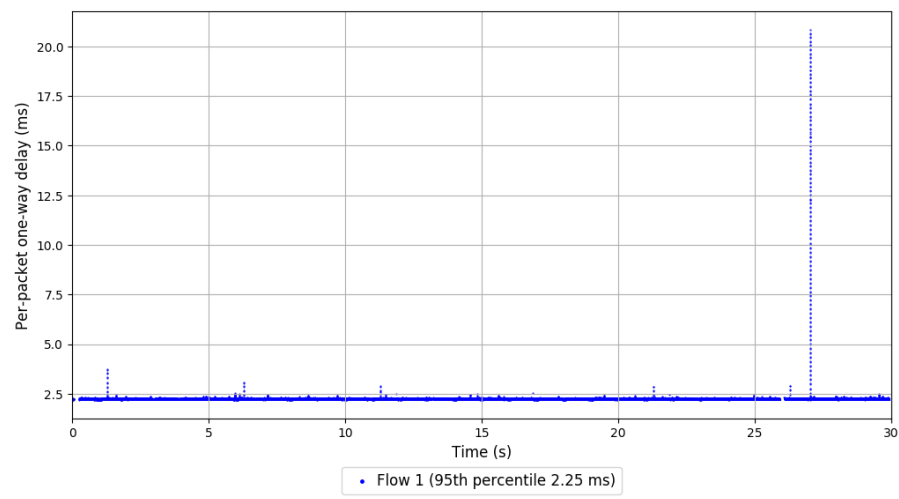
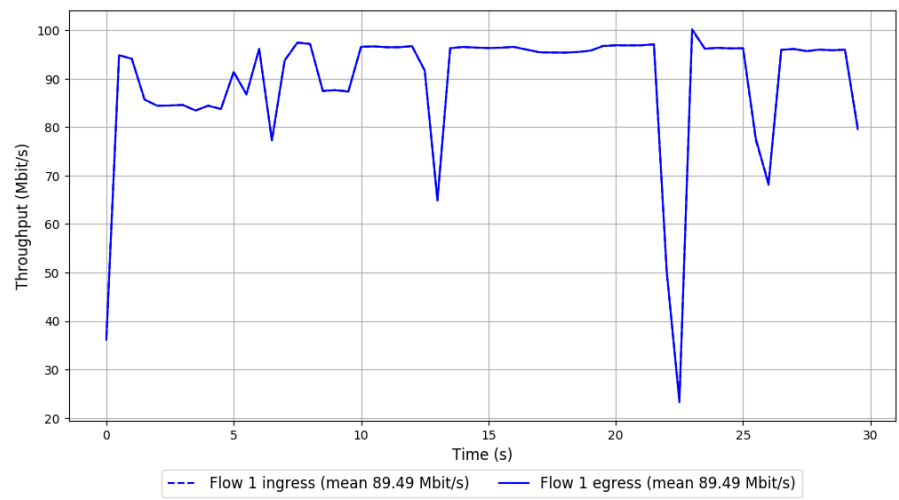
-- Flow 1:

Average throughput: 89.49 Mbit/s

95th percentile per-packet one-way delay: 2.255 ms

Loss rate: 0.02%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-12-11 11:53:06

End at: 2017-12-11 11:53:36

Local clock offset: -2.187 ms

Remote clock offset: 0.805 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.82 Mbit/s

95th percentile per-packet one-way delay: 2.209 ms

Loss rate: 0.02%

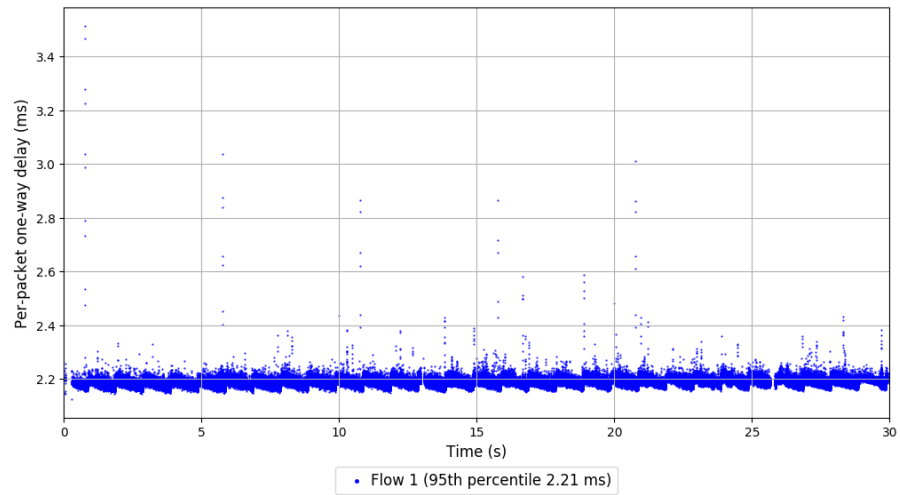
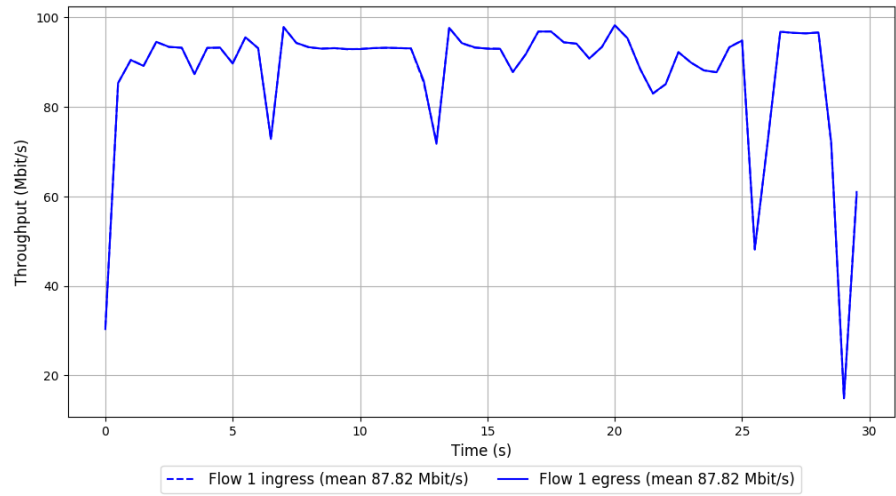
-- Flow 1:

Average throughput: 87.82 Mbit/s

95th percentile per-packet one-way delay: 2.209 ms

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

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

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

Local clock offset: -1.817 ms

Remote clock offset: 1.02 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.02%

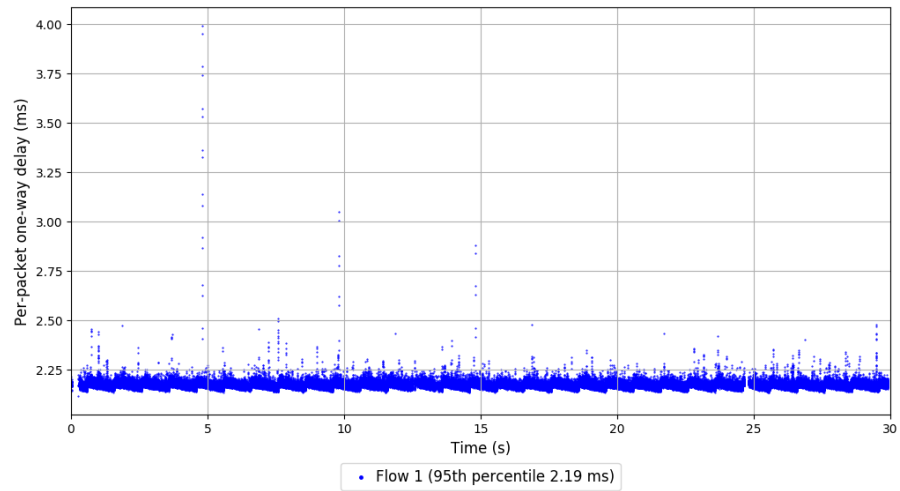
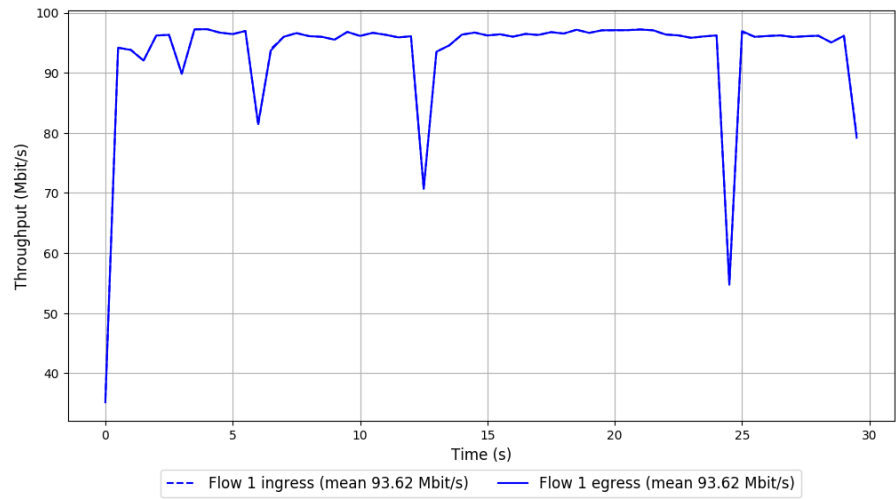
-- Flow 1:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.02%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-12-11 12:29:42

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

Local clock offset: -1.708 ms

Remote clock offset: 1.126 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 2.276 ms

Loss rate: 0.01%

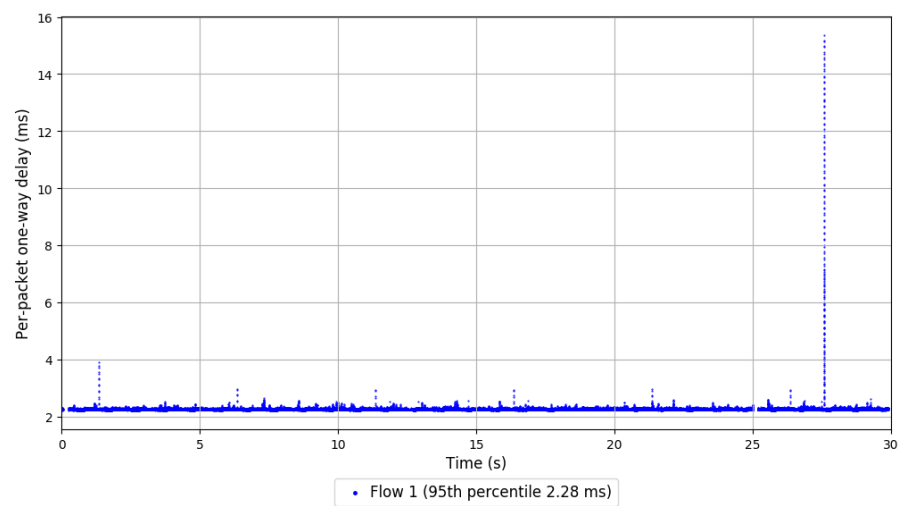
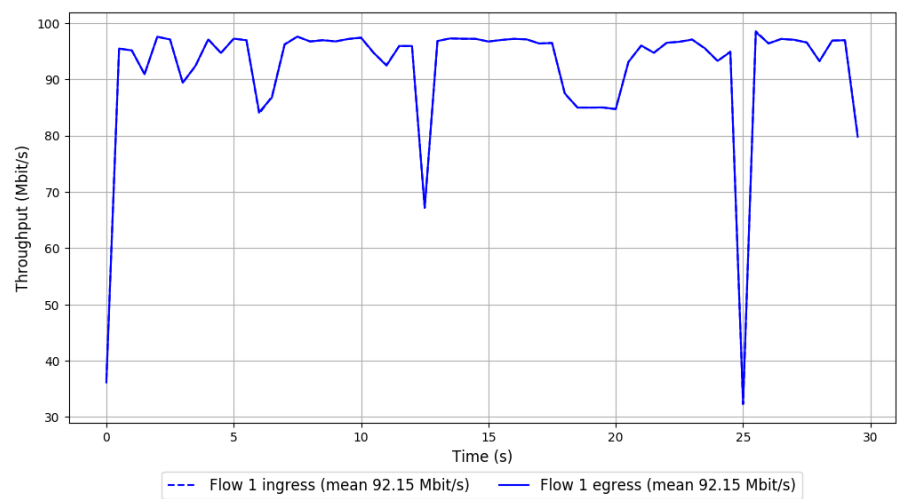
-- Flow 1:

Average throughput: 92.15 Mbit/s

95th percentile per-packet one-way delay: 2.276 ms

Loss rate: 0.01%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-12-11 12:47:48

End at: 2017-12-11 12:48:18

Local clock offset: -2.514 ms

Remote clock offset: 1.229 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 1.558 ms

Loss rate: 0.02%

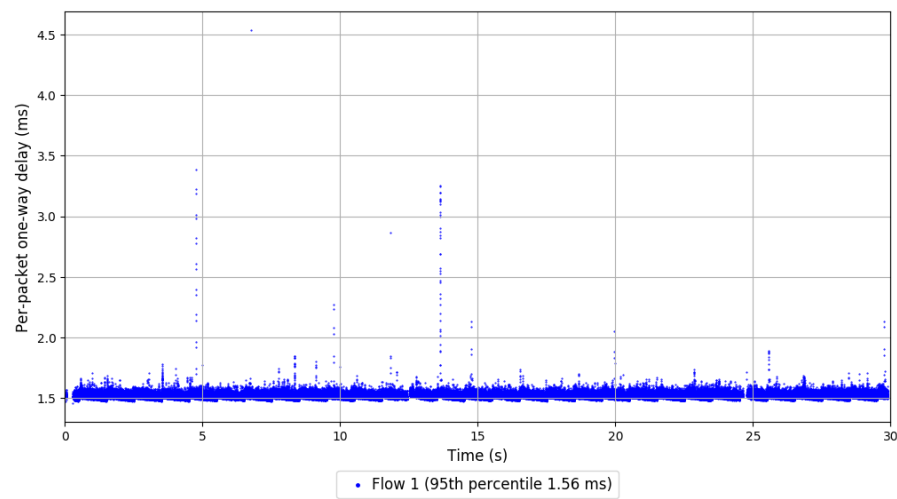
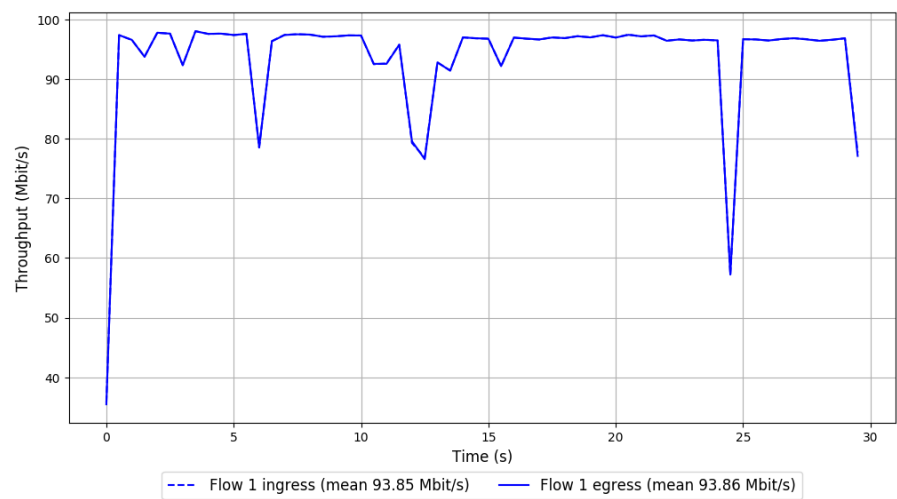
-- Flow 1:

Average throughput: 93.86 Mbit/s

95th percentile per-packet one-way delay: 1.558 ms

Loss rate: 0.02%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-12-11 13:05:54

End at: 2017-12-11 13:06:24

Local clock offset: -1.987 ms

Remote clock offset: 1.146 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.55 Mbit/s

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

Loss rate: 0.02%

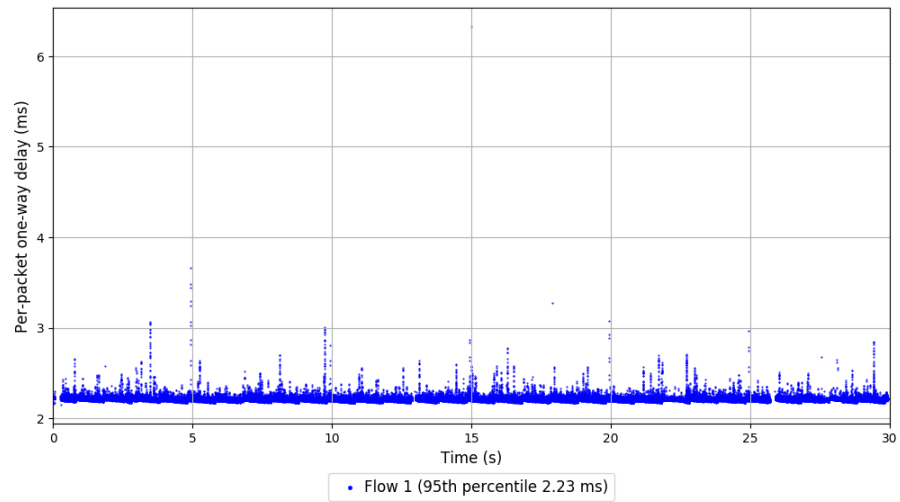
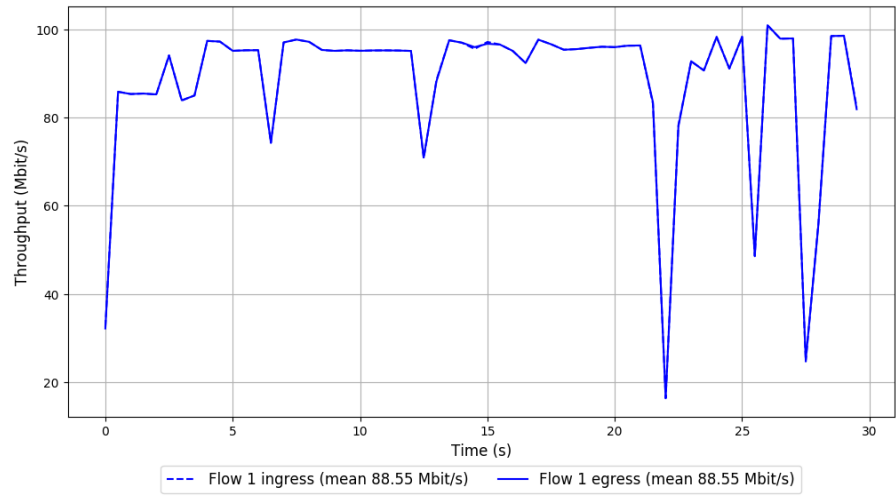
-- Flow 1:

Average throughput: 88.55 Mbit/s

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

Loss rate: 0.02%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-12-11 13:24:00

End at: 2017-12-11 13:24:30

Local clock offset: -2.19 ms

Remote clock offset: 1.003 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.28 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.02%

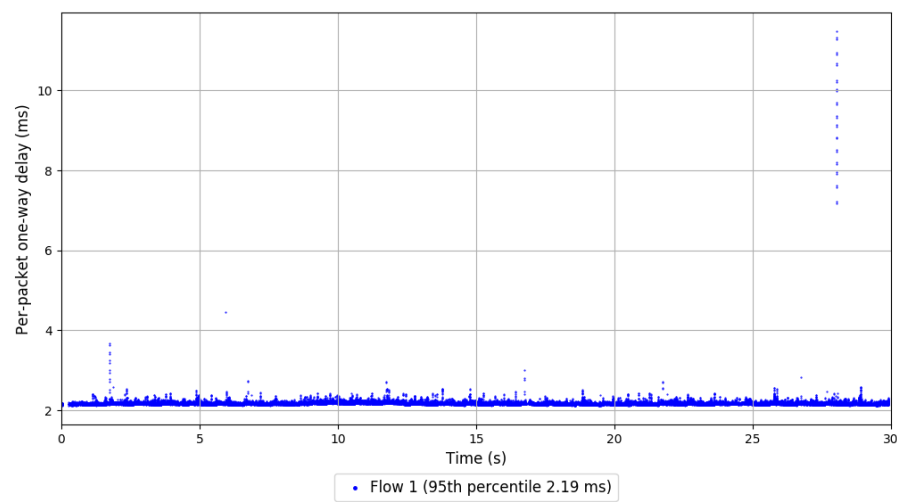
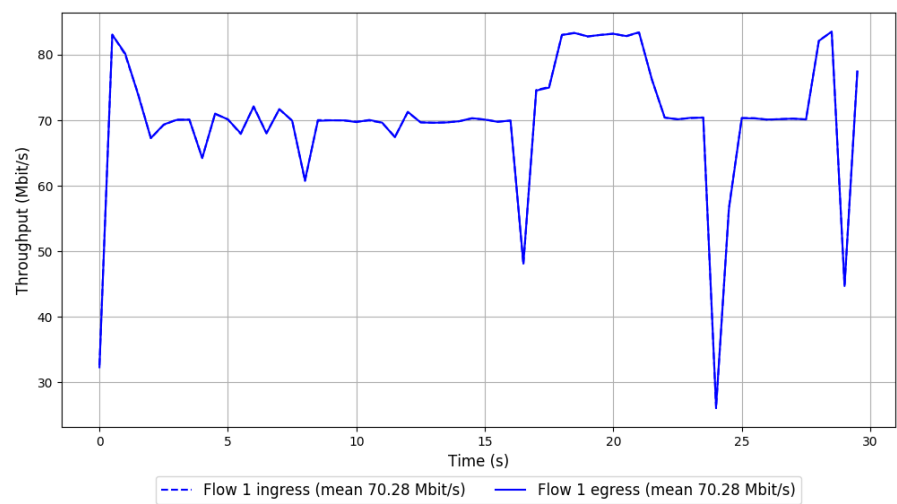
-- Flow 1:

Average throughput: 70.28 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.02%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-12-11 13:42:00

End at: 2017-12-11 13:42:30

Local clock offset: -2.236 ms

Remote clock offset: 0.907 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.48 Mbit/s

95th percentile per-packet one-way delay: 2.184 ms

Loss rate: 0.02%

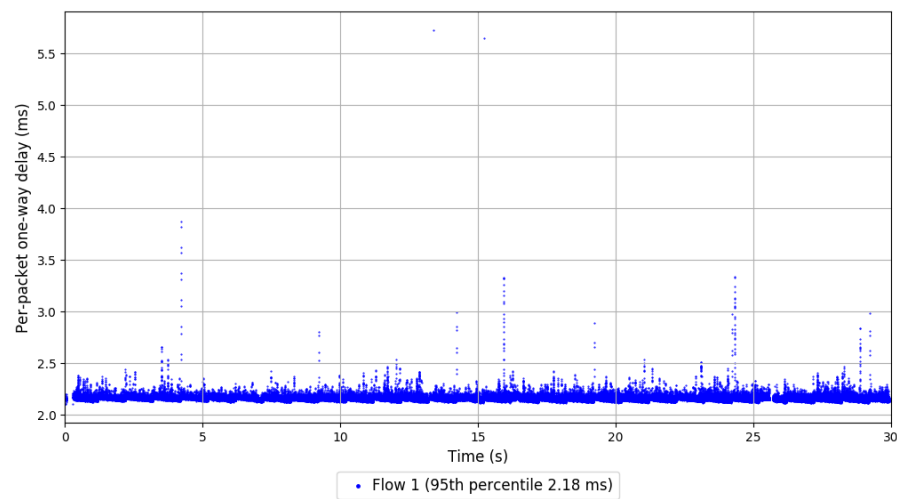
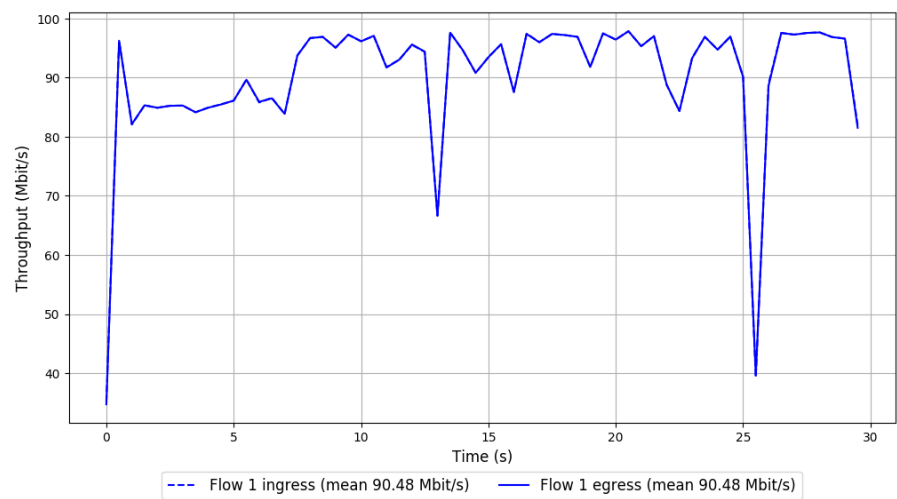
-- Flow 1:

Average throughput: 90.48 Mbit/s

95th percentile per-packet one-way delay: 2.184 ms

Loss rate: 0.02%

Run 10: Report of QUIC Cubic — Data Link

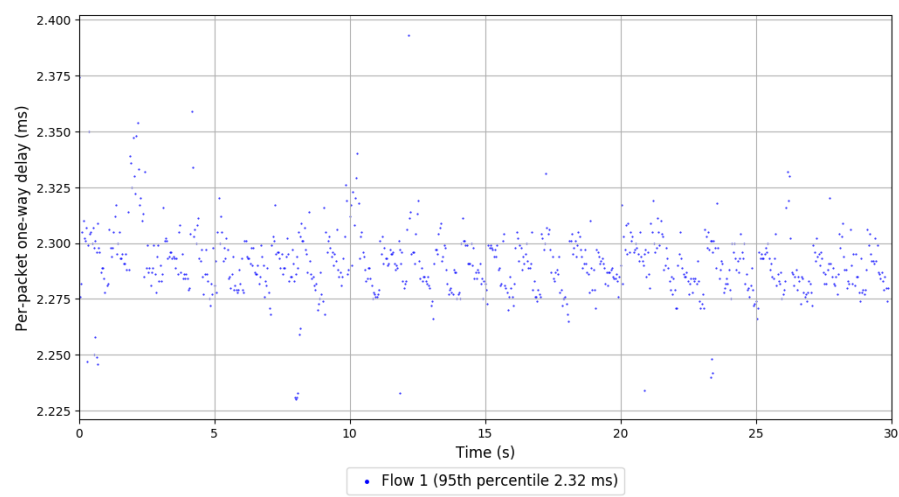
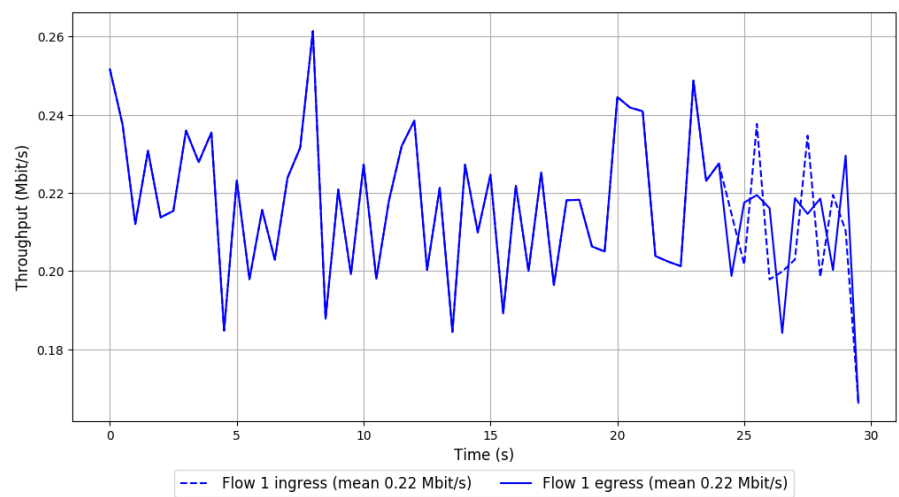


Run 1: Statistics of SCReAM

Start at: 2017-12-11 10:54:59
End at: 2017-12-11 10:55:29
Local clock offset: -2.635 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2017-12-11 18:02:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.316 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.316 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-12-11 11:13:08

End at: 2017-12-11 11:13:38

Local clock offset: -2.382 ms

Remote clock offset: 0.241 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.00%

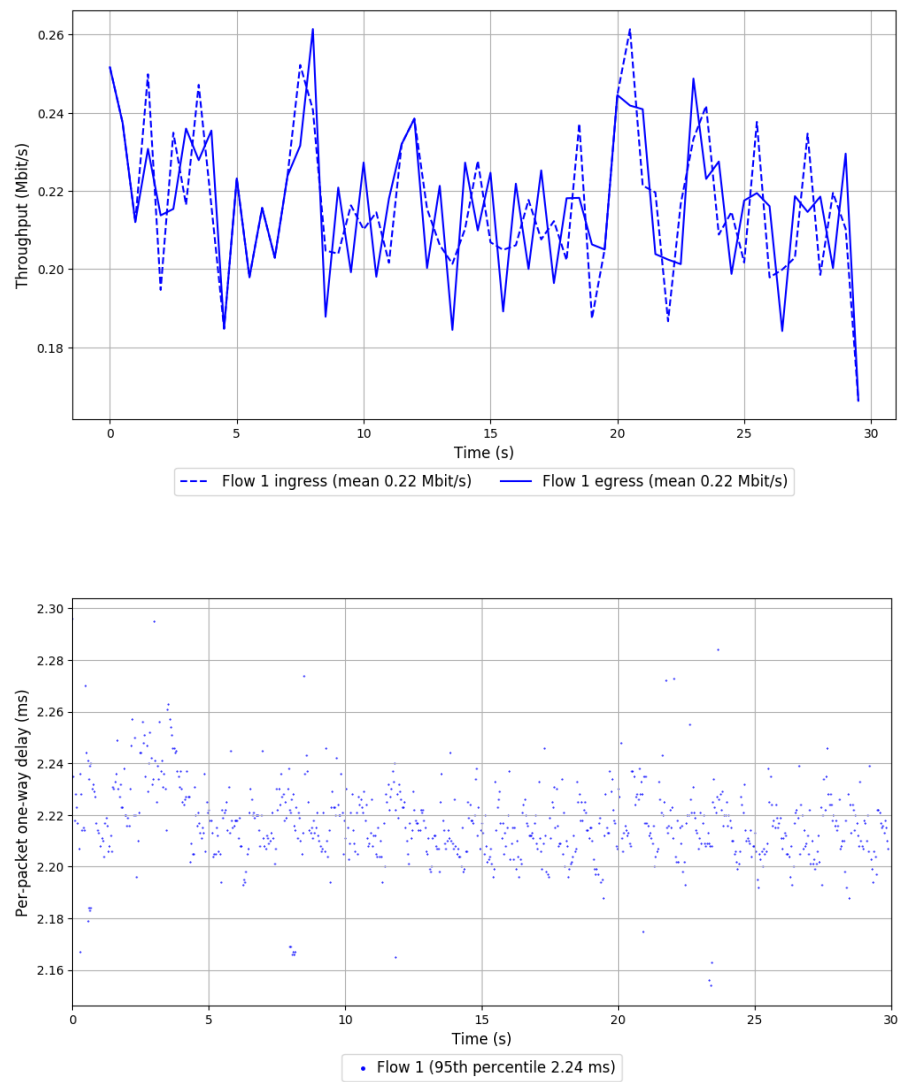
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.243 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

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

End at: 2017-12-11 11:31:41

Local clock offset: -2.072 ms

Remote clock offset: 0.431 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

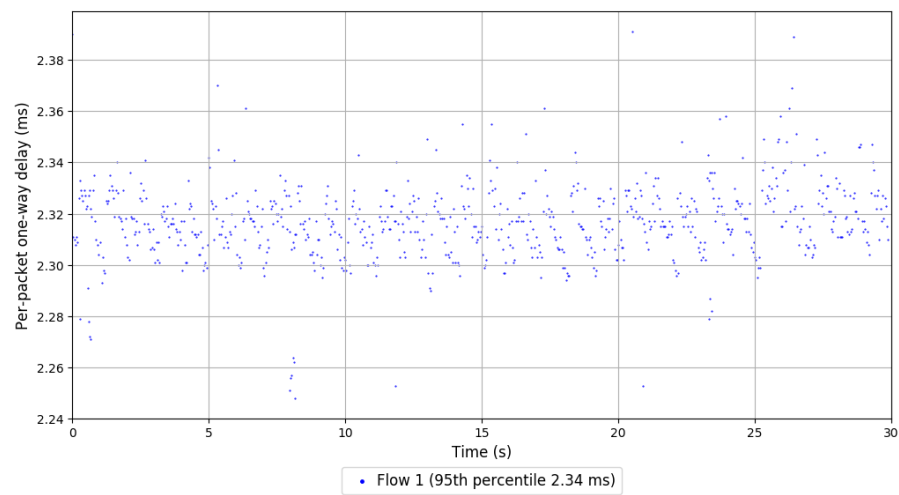
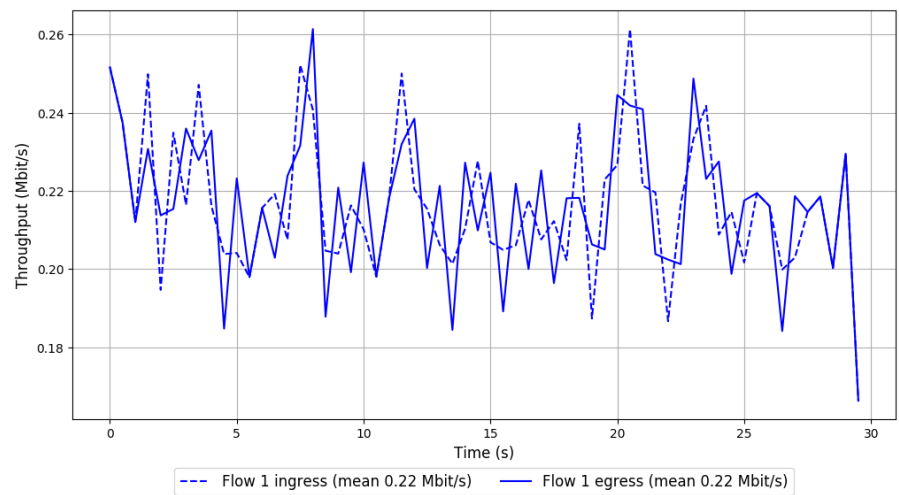
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 3: Report of SCRaM — Data Link



Run 4: Statistics of SReAM

Start at: 2017-12-11 11:49:27

End at: 2017-12-11 11:49:57

Local clock offset: -2.17 ms

Remote clock offset: 0.773 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.188 ms

Loss rate: 0.00%

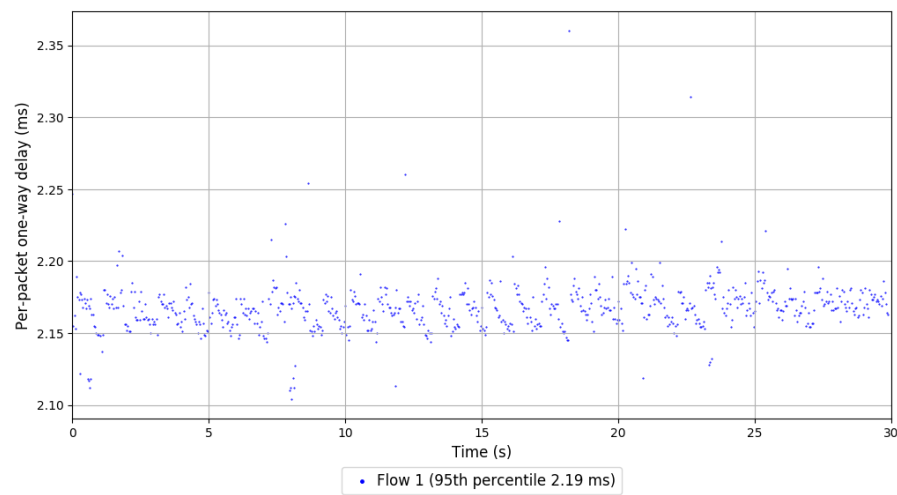
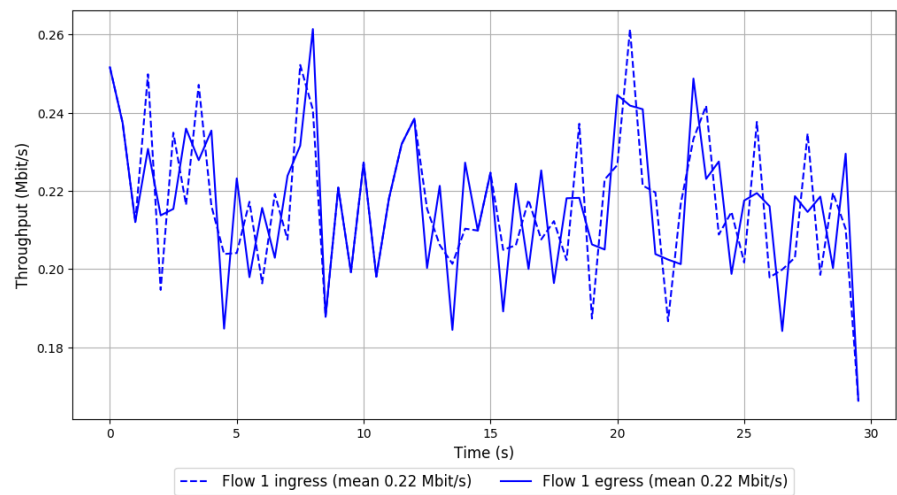
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.188 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-12-11 12:07:46

End at: 2017-12-11 12:08:16

Local clock offset: -1.849 ms

Remote clock offset: 0.98 ms

Below is generated by plot.py at 2017-12-11 18:02:24

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%

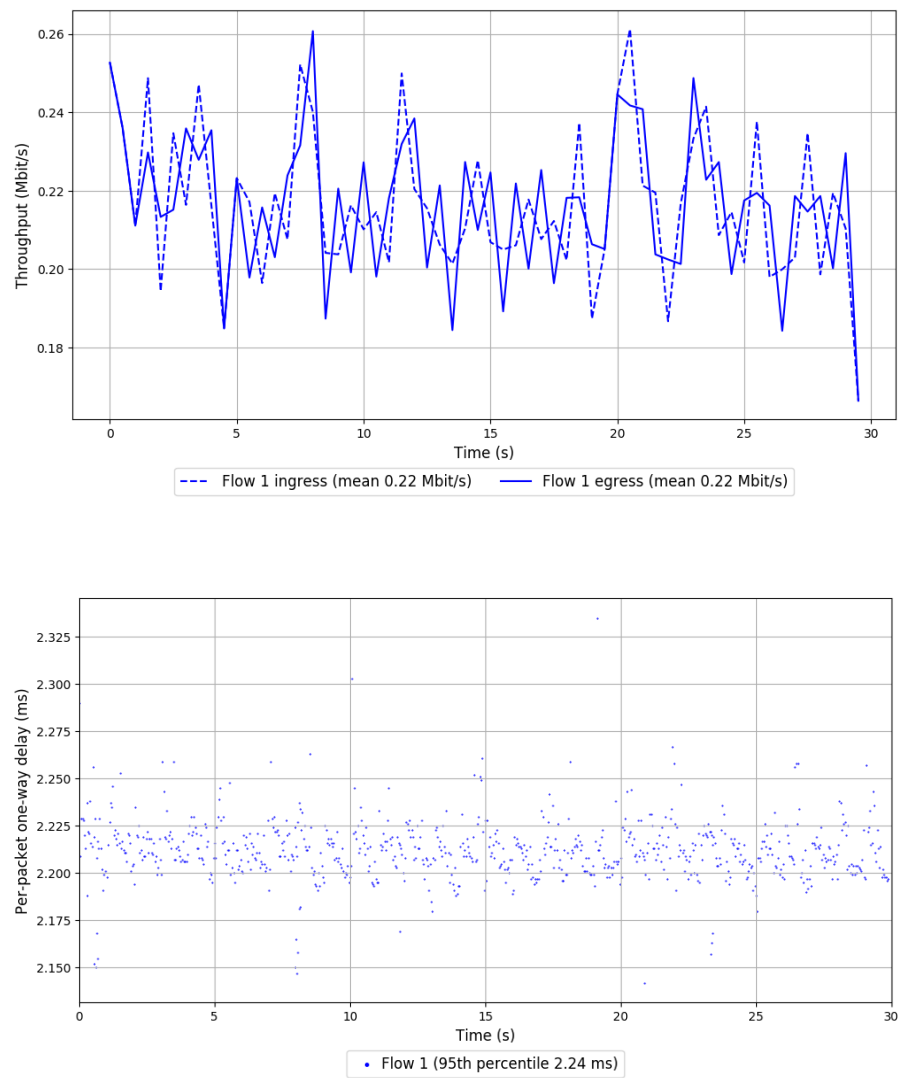
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-12-11 12:26:02

End at: 2017-12-11 12:26:32

Local clock offset: -1.715 ms

Remote clock offset: 1.047 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

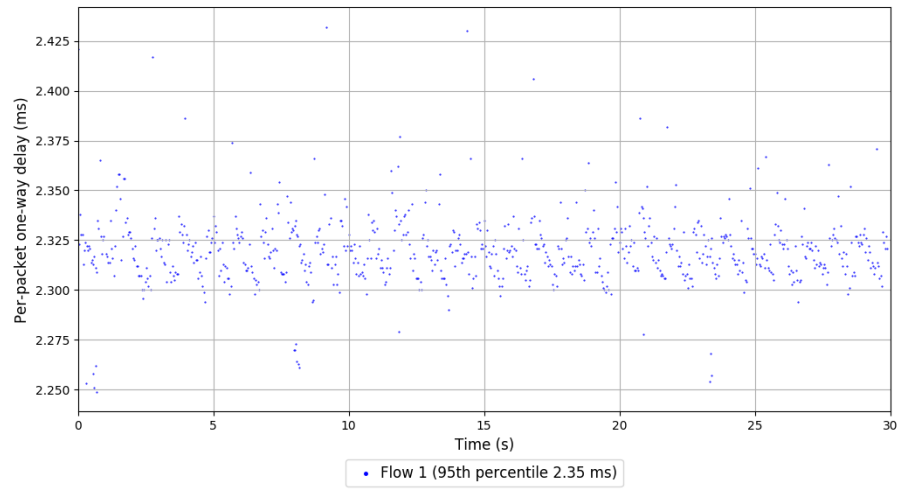
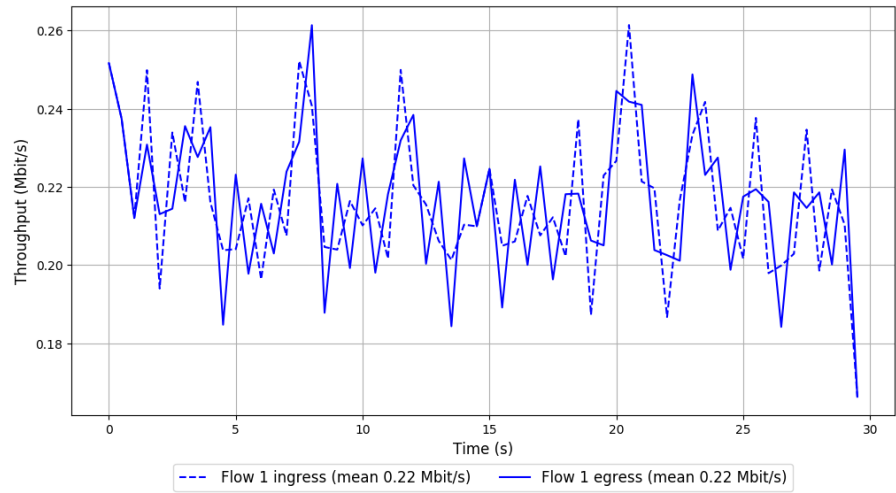
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-12-11 12:44:10

End at: 2017-12-11 12:44:40

Local clock offset: -1.777 ms

Remote clock offset: 1.234 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

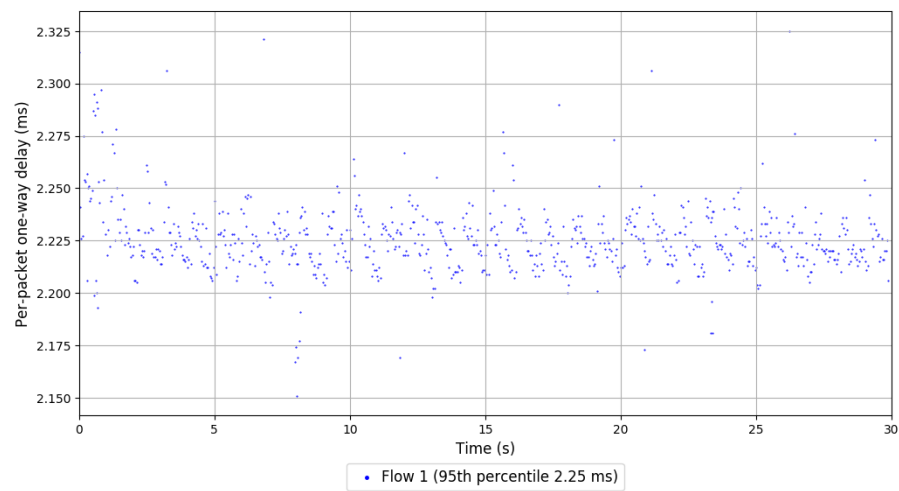
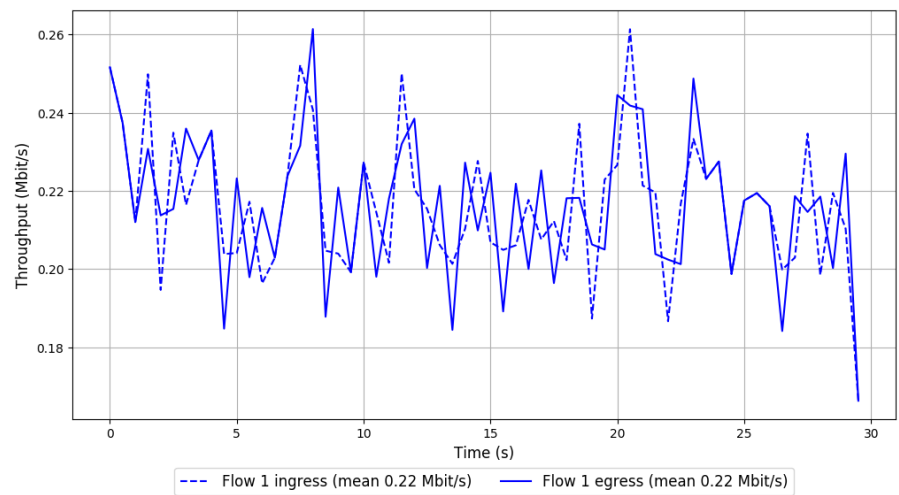
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-12-11 13:02:16

End at: 2017-12-11 13:02:46

Local clock offset: -2.032 ms

Remote clock offset: 1.078 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.266 ms

Loss rate: 0.00%

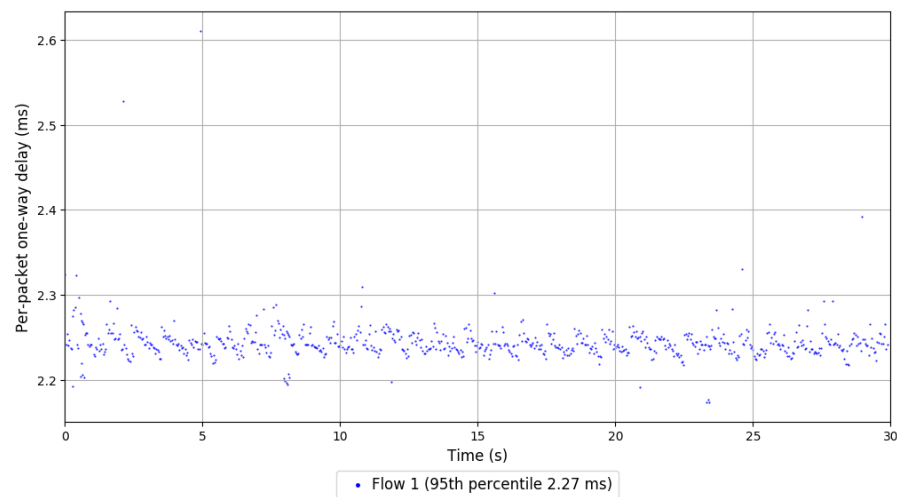
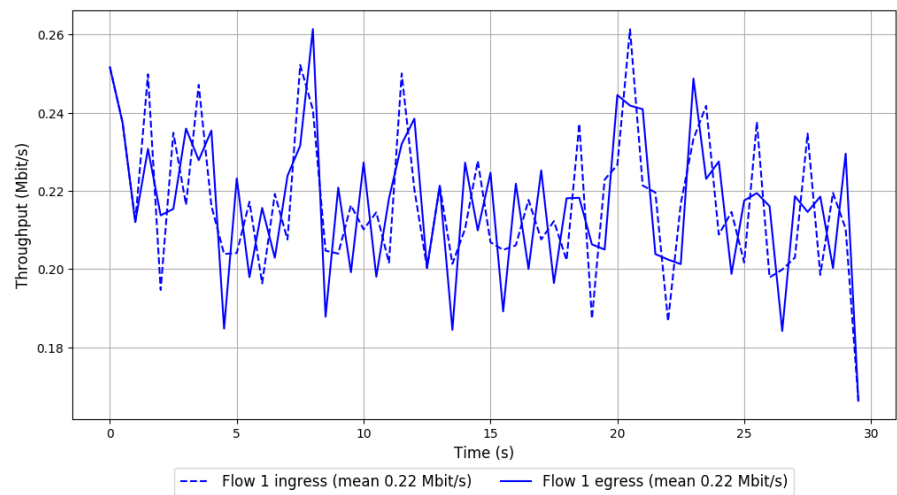
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.266 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-12-11 13:20:20

End at: 2017-12-11 13:20:50

Local clock offset: -2.161 ms

Remote clock offset: 0.956 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

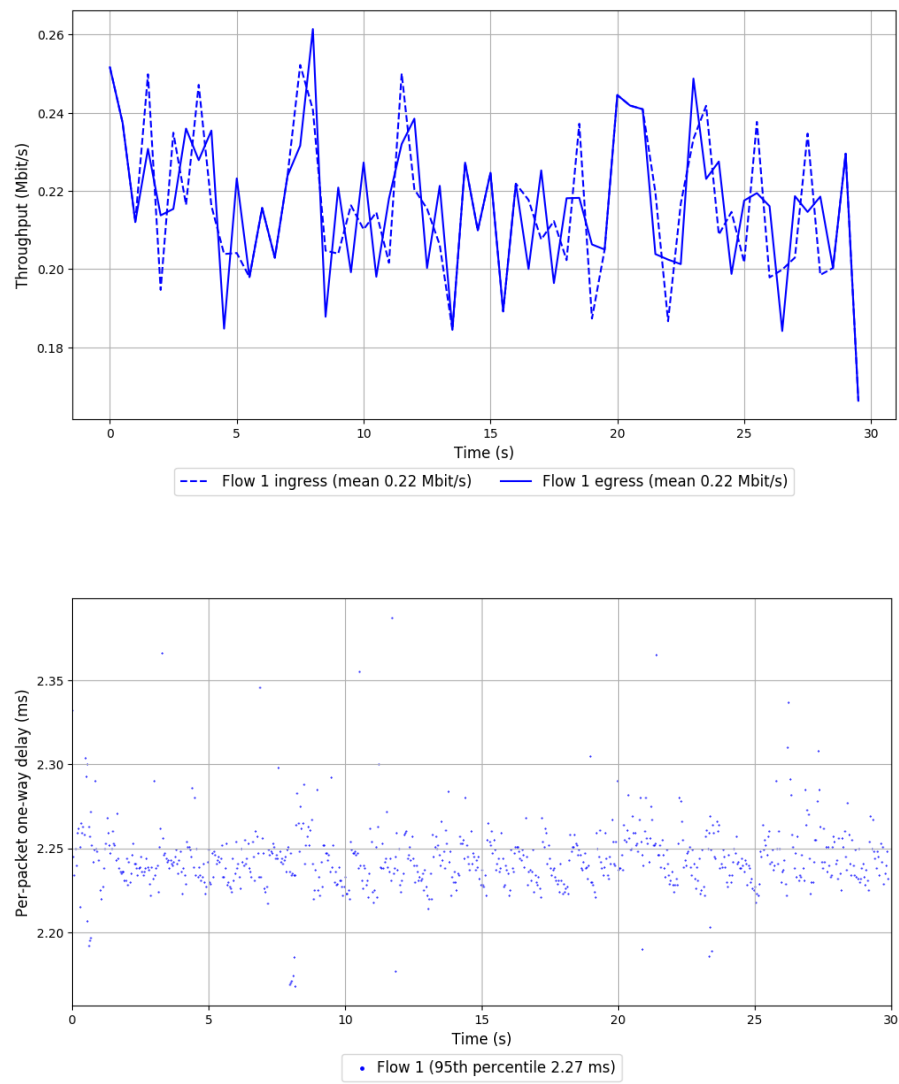
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2017-12-11 13:38:23

End at: 2017-12-11 13:38:53

Local clock offset: -2.265 ms

Remote clock offset: 0.922 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.226 ms

Loss rate: 0.00%

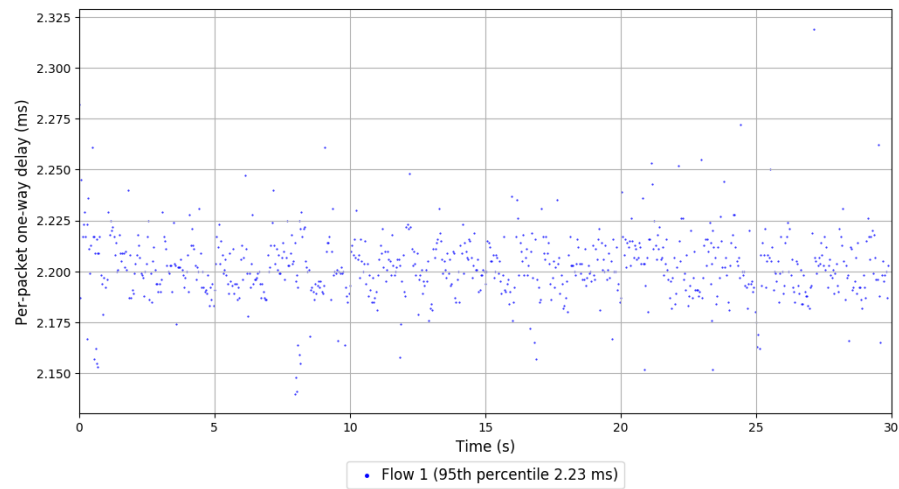
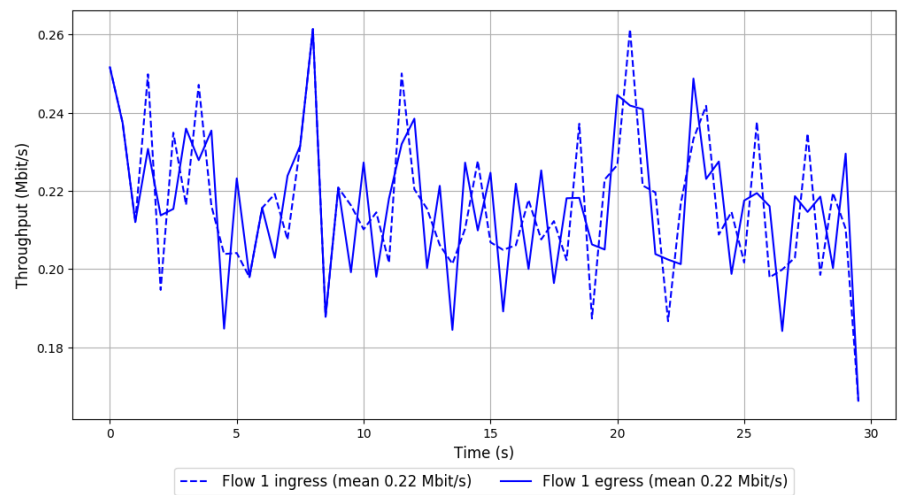
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.226 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-12-11 10:51:00

End at: 2017-12-11 10:51:30

Local clock offset: -2.662 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

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

Loss rate: 0.00%

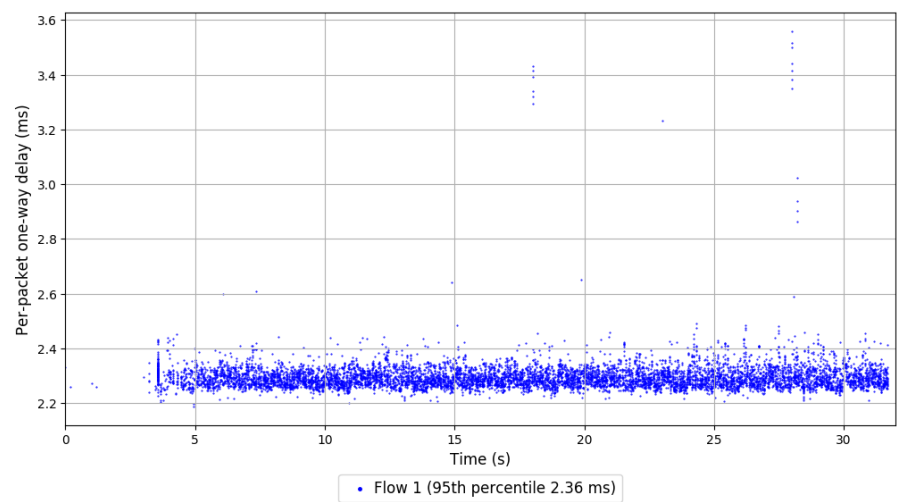
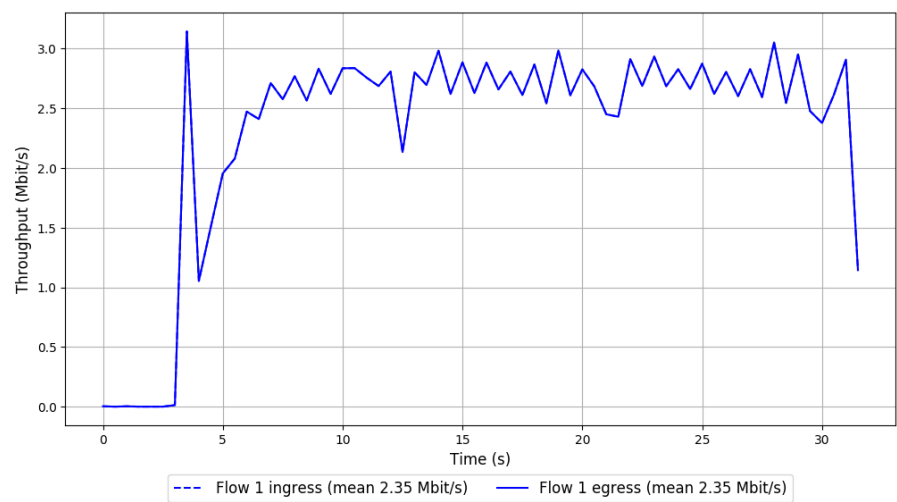
-- Flow 1:

Average throughput: 2.35 Mbit/s

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

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-12-11 11:09:10

End at: 2017-12-11 11:09:40

Local clock offset: -2.487 ms

Remote clock offset: 0.172 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.00%

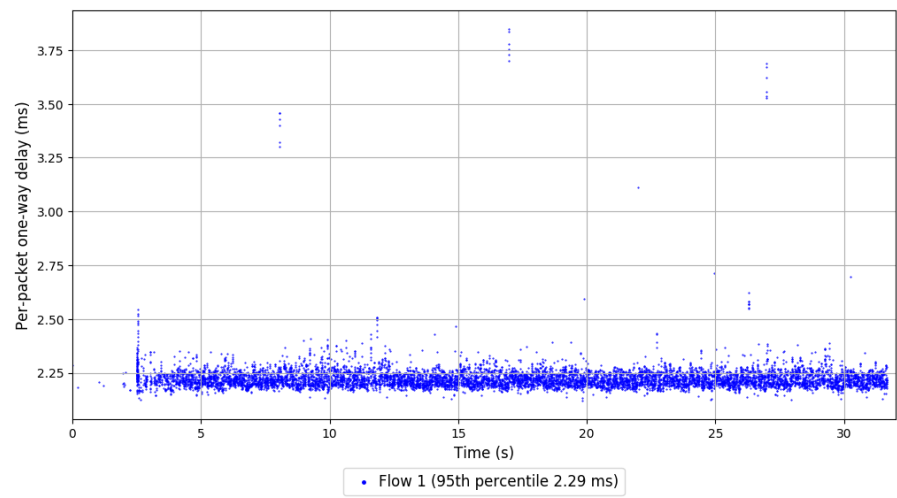
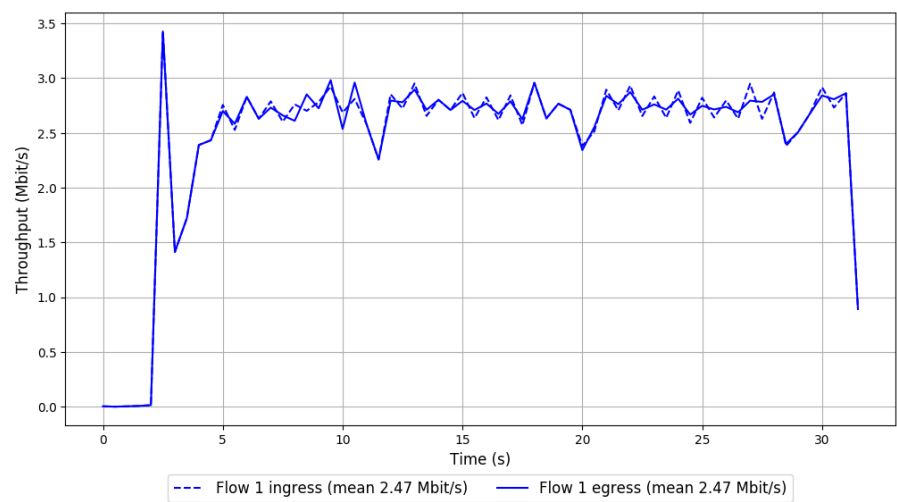
-- Flow 1:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-12-11 11:27:19

End at: 2017-12-11 11:27:49

Local clock offset: -2.145 ms

Remote clock offset: 0.393 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.352 ms

Loss rate: 0.05%

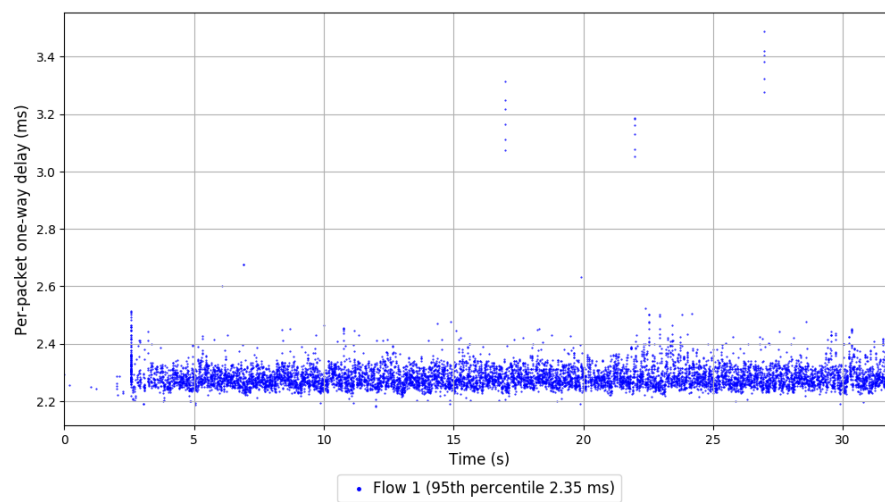
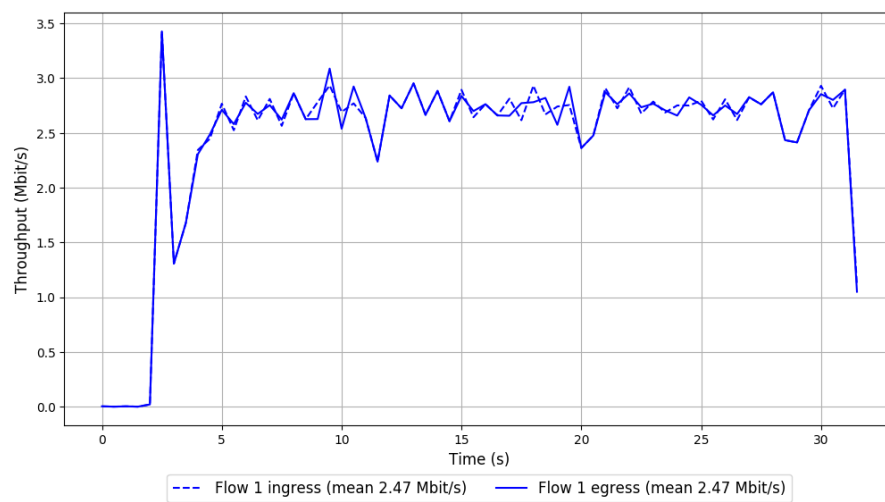
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.352 ms

Loss rate: 0.05%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-12-11 11:45:33

End at: 2017-12-11 11:46:03

Local clock offset: -2.031 ms

Remote clock offset: 0.732 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.352 ms

Loss rate: 0.11%

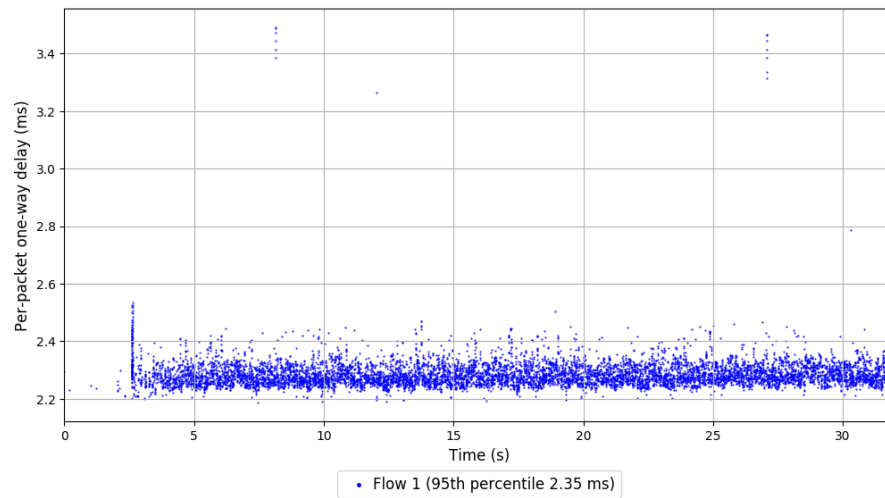
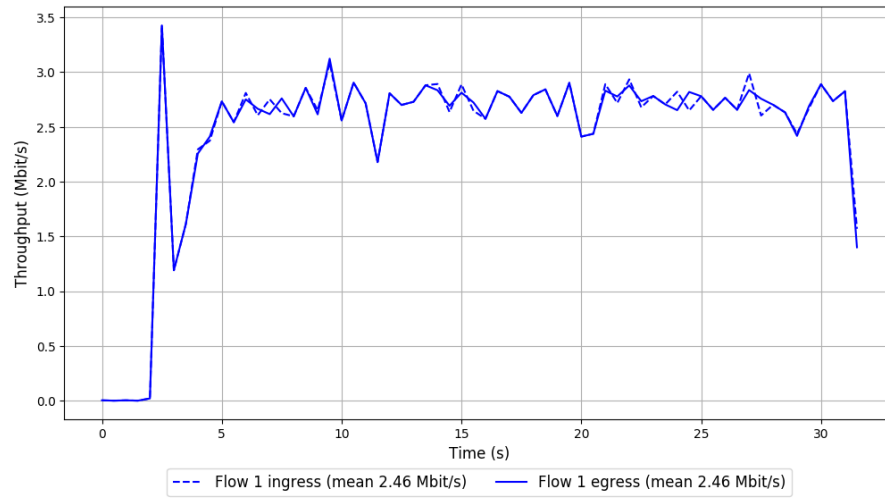
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.352 ms

Loss rate: 0.11%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-12-11 12:03:47

End at: 2017-12-11 12:04:17

Local clock offset: -1.922 ms

Remote clock offset: 0.887 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.04%

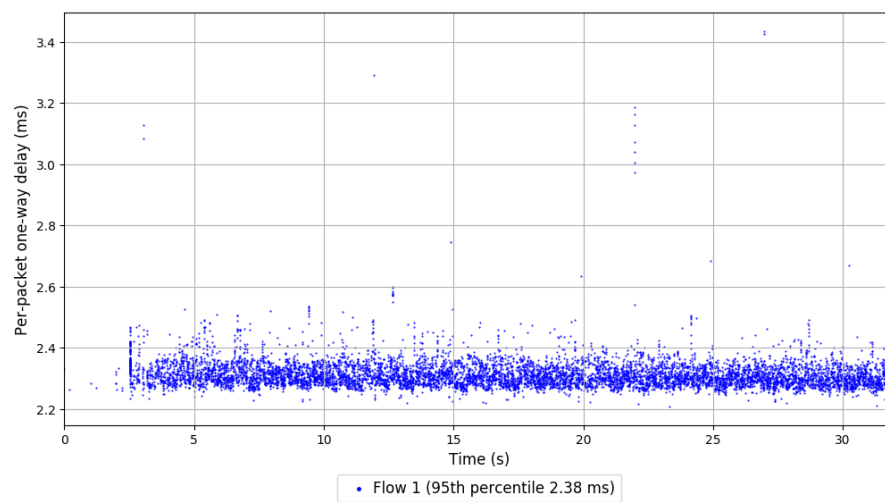
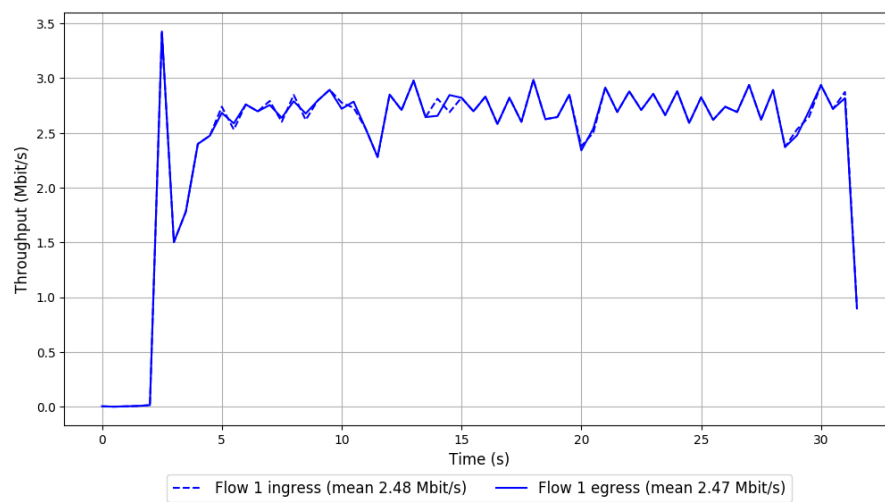
-- Flow 1:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.04%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-12-11 12:22:04

End at: 2017-12-11 12:22:34

Local clock offset: -1.736 ms

Remote clock offset: 1.101 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.295 ms

Loss rate: 0.02%

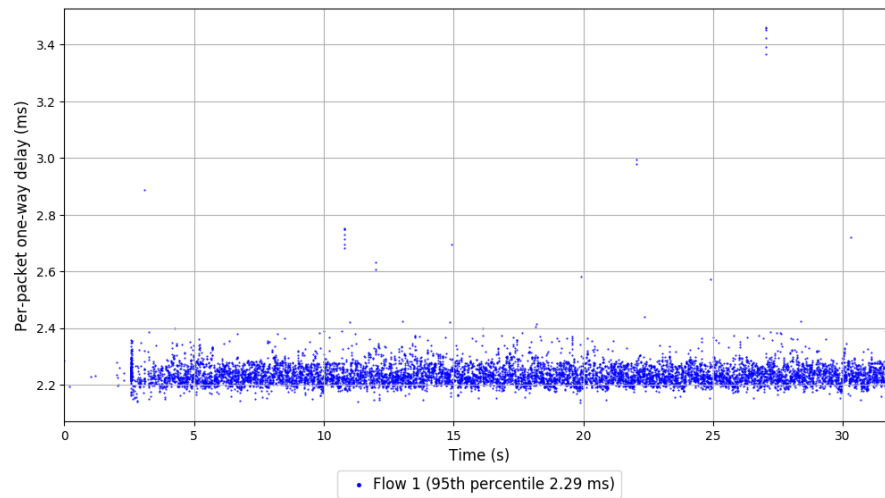
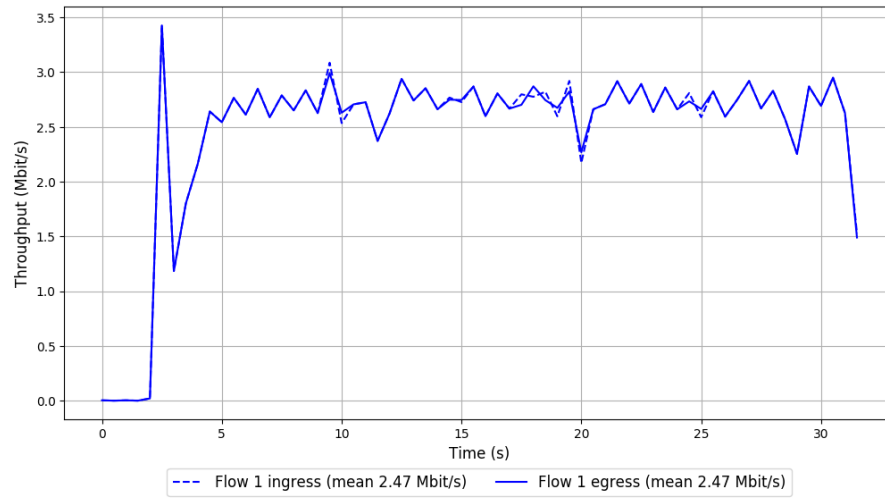
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.295 ms

Loss rate: 0.02%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-12-11 12:40:18

End at: 2017-12-11 12:40:48

Local clock offset: -1.723 ms

Remote clock offset: 1.244 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

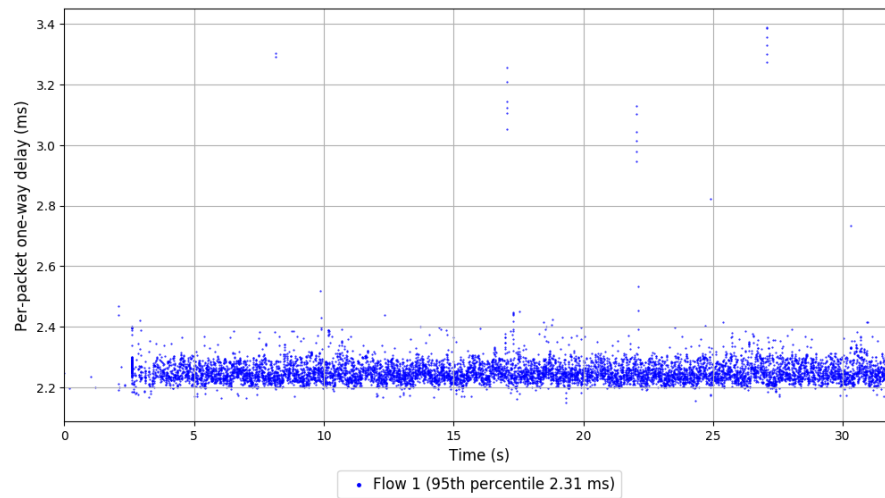
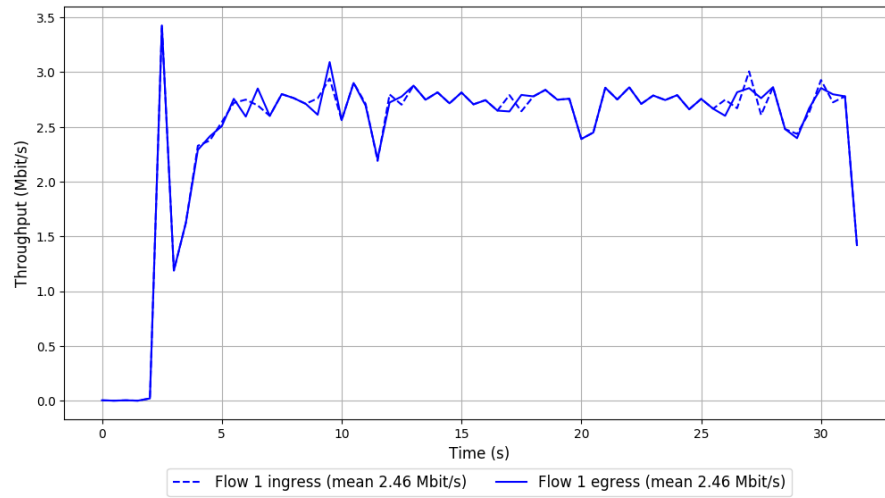
-- Flow 1:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-12-11 12:58:19

End at: 2017-12-11 12:58:49

Local clock offset: -1.913 ms

Remote clock offset: 1.171 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

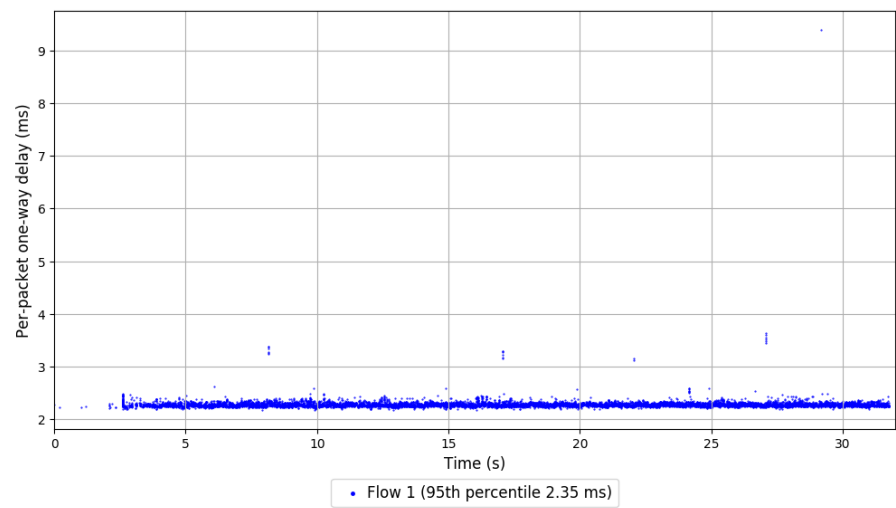
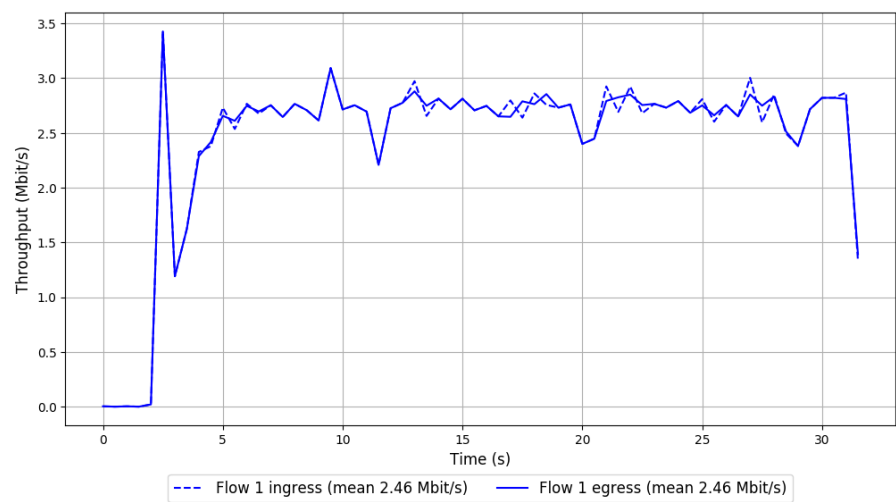
-- Flow 1:

Average throughput: 2.46 Mbit/s

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

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-12-11 13:16:30

End at: 2017-12-11 13:17:00

Local clock offset: -2.051 ms

Remote clock offset: 1.042 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.00%

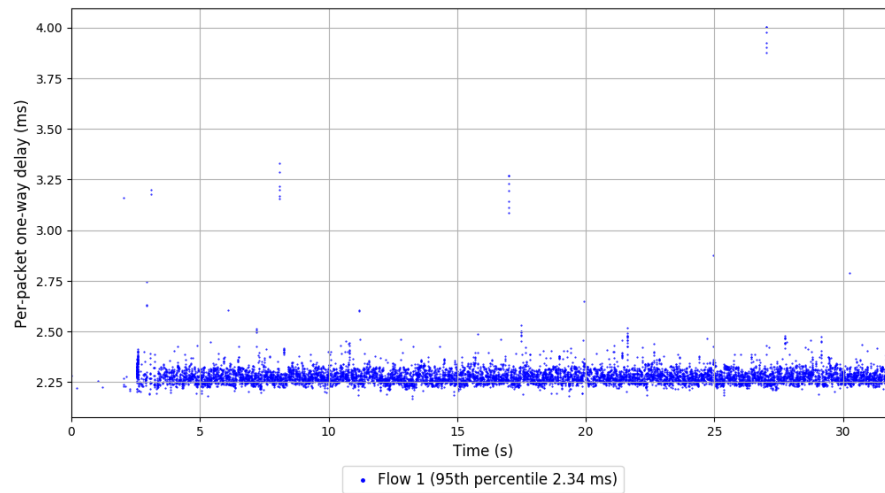
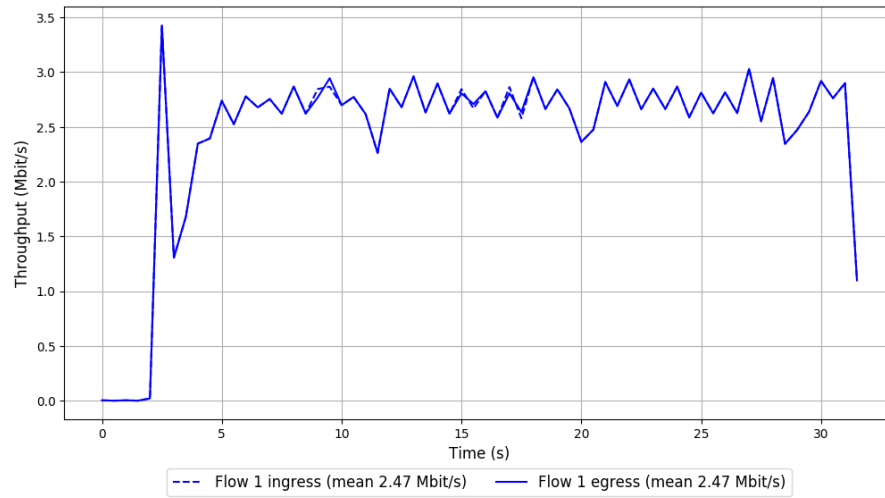
-- Flow 1:

Average throughput: 2.47 Mbit/s

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

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-12-11 13:34:27

End at: 2017-12-11 13:34:57

Local clock offset: -2.272 ms

Remote clock offset: 0.94 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.289 ms

Loss rate: 0.00%

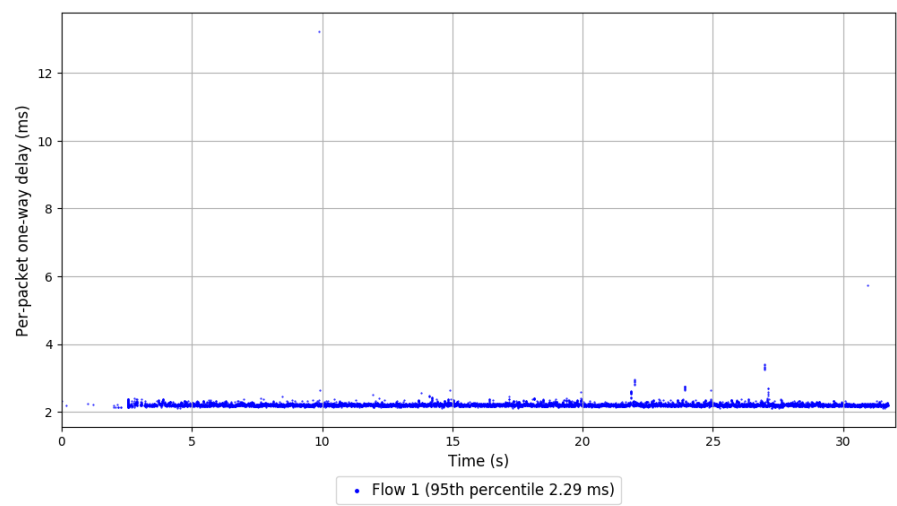
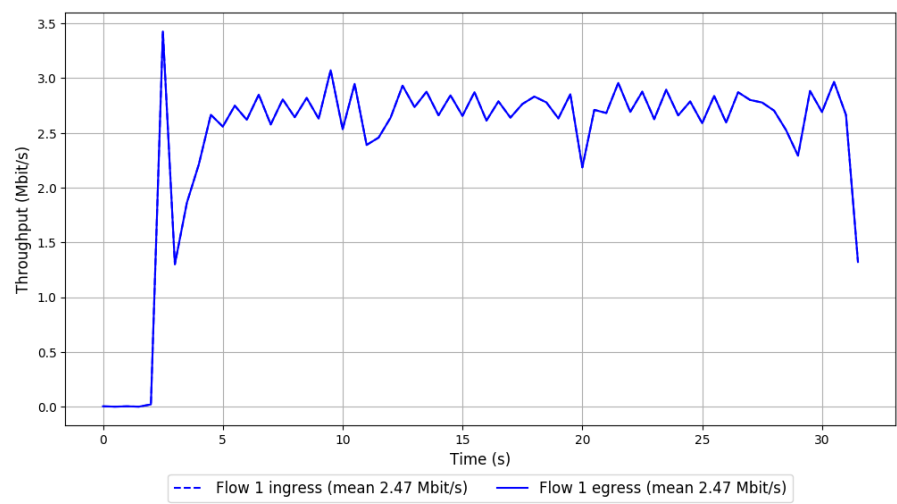
-- Flow 1:

Average throughput: 2.47 Mbit/s

95th percentile per-packet one-way delay: 2.289 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

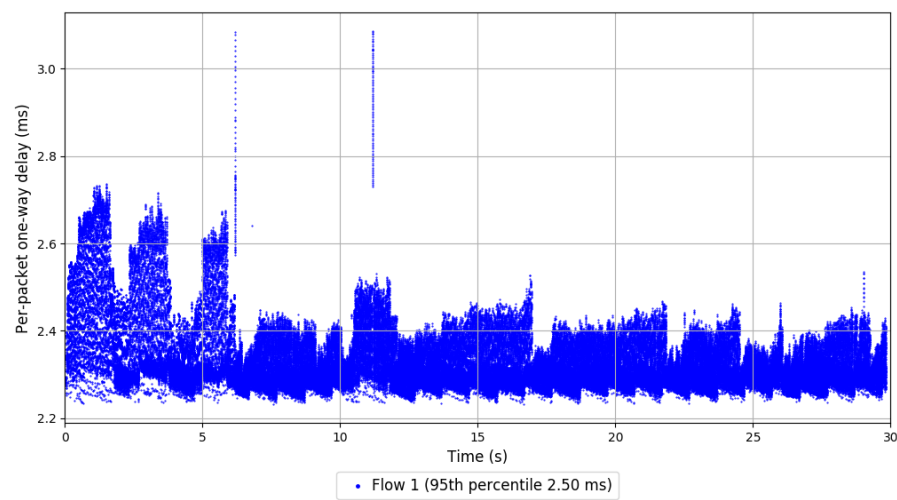
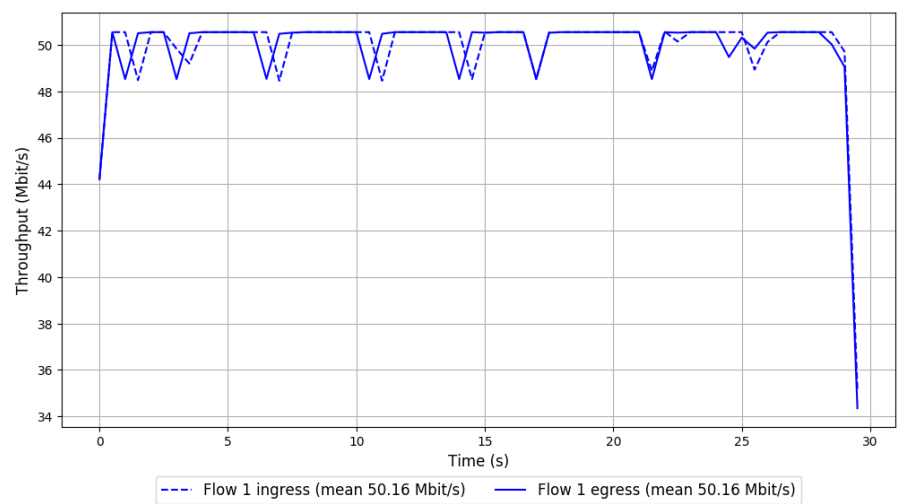


Run 1: Statistics of Sprout

Start at: 2017-12-11 10:57:33
End at: 2017-12-11 10:58:03
Local clock offset: -2.61 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2017-12-11 18:02:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.500 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.16 Mbit/s
95th percentile per-packet one-way delay: 2.500 ms
Loss rate: 0.07%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2017-12-11 11:15:43

End at: 2017-12-11 11:16:13

Local clock offset: -2.333 ms

Remote clock offset: 0.261 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 2.504 ms

Loss rate: 0.01%

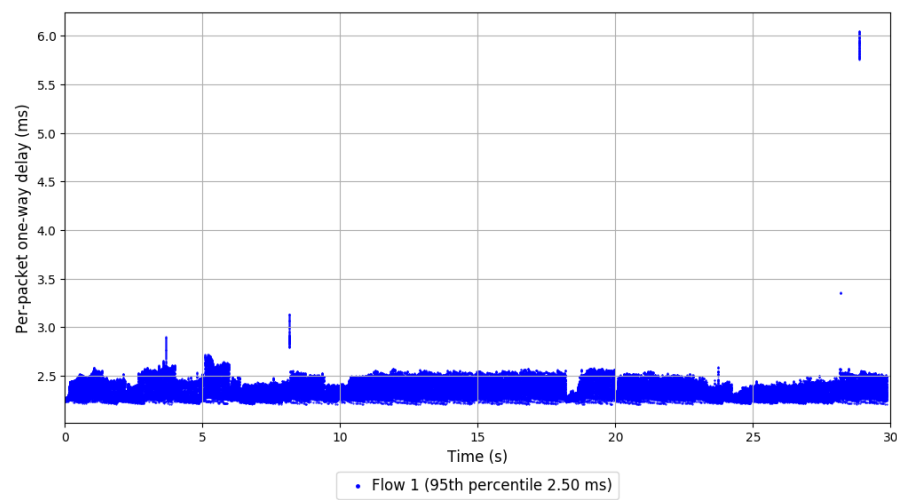
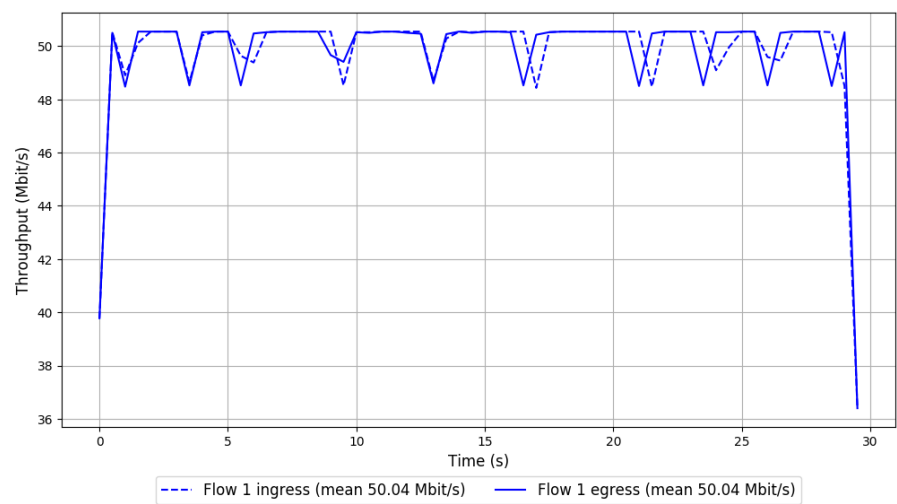
-- Flow 1:

Average throughput: 50.04 Mbit/s

95th percentile per-packet one-way delay: 2.504 ms

Loss rate: 0.01%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2017-12-11 11:33:43

End at: 2017-12-11 11:34:13

Local clock offset: -2.062 ms

Remote clock offset: 0.547 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.438 ms

Loss rate: 0.00%

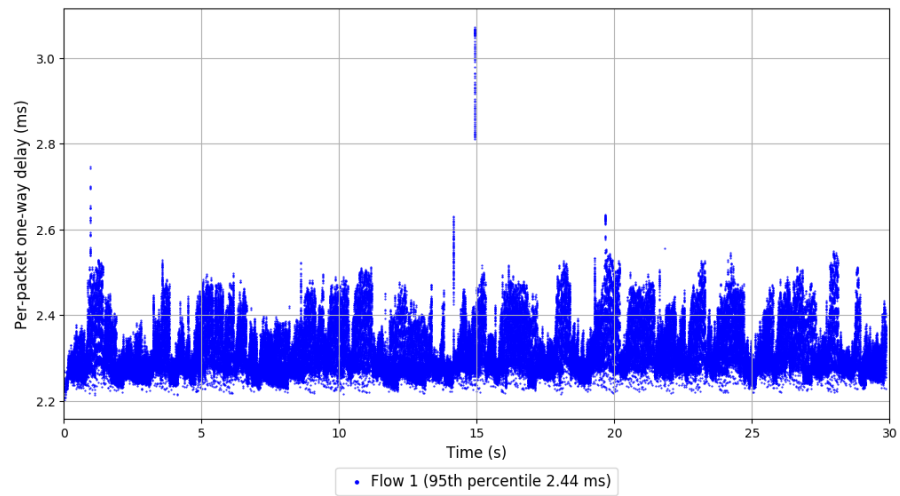
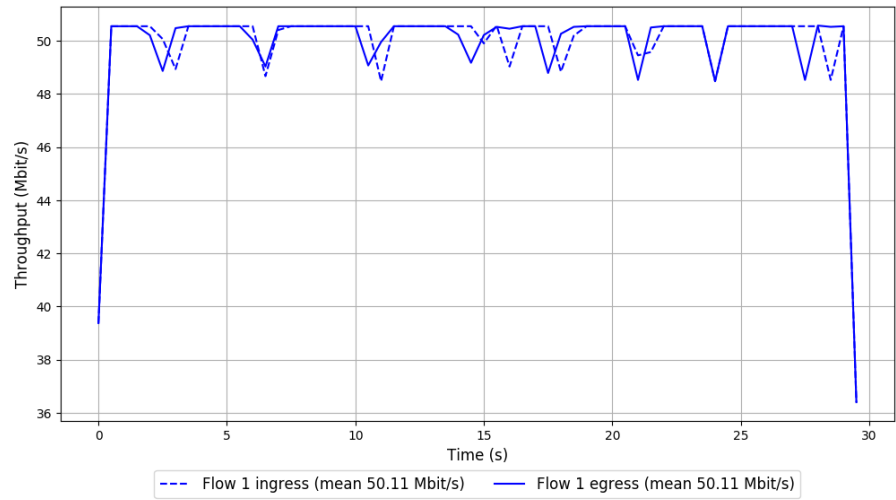
-- Flow 1:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.438 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-12-11 11:52:01

End at: 2017-12-11 11:52:31

Local clock offset: -2.109 ms

Remote clock offset: 0.729 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.505 ms

Loss rate: 0.00%

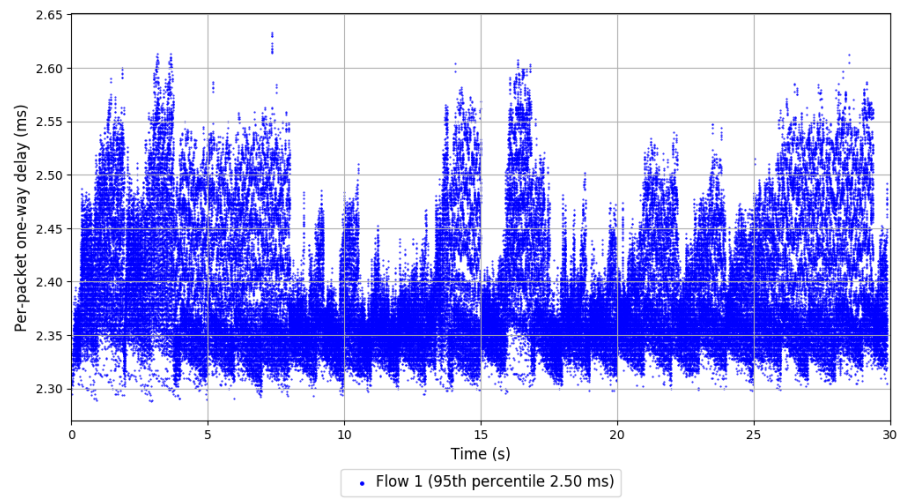
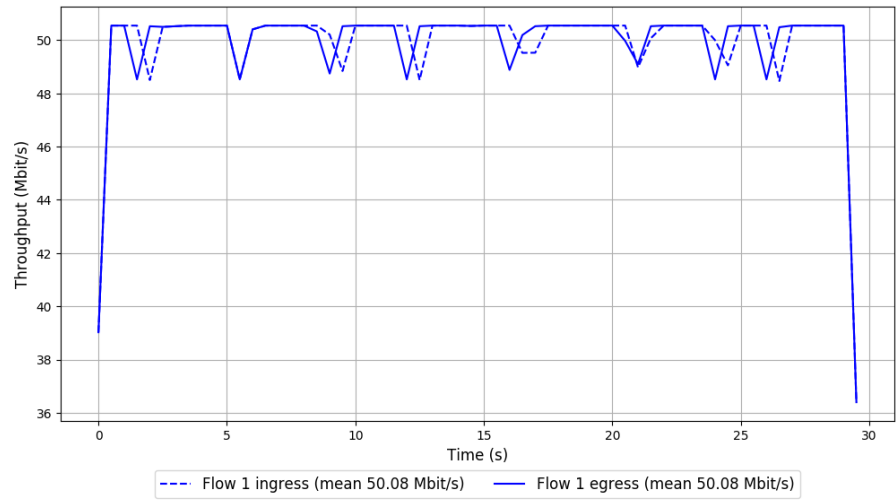
-- Flow 1:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.505 ms

Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

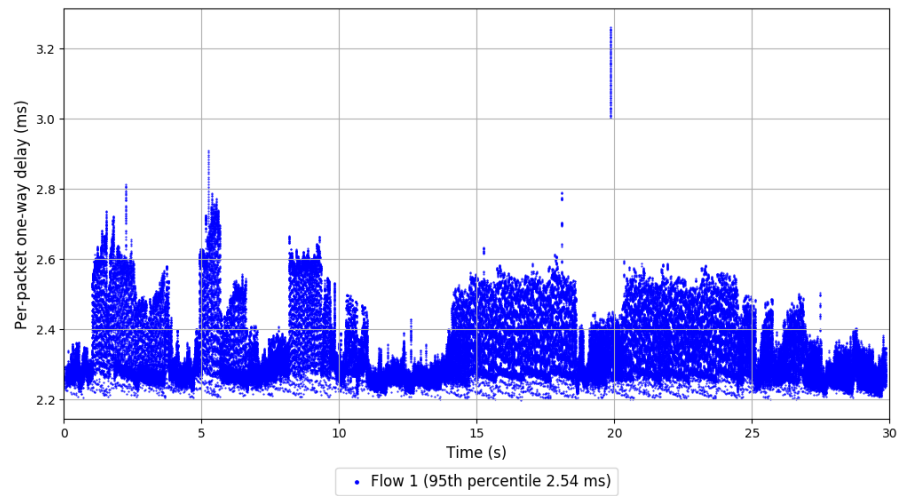
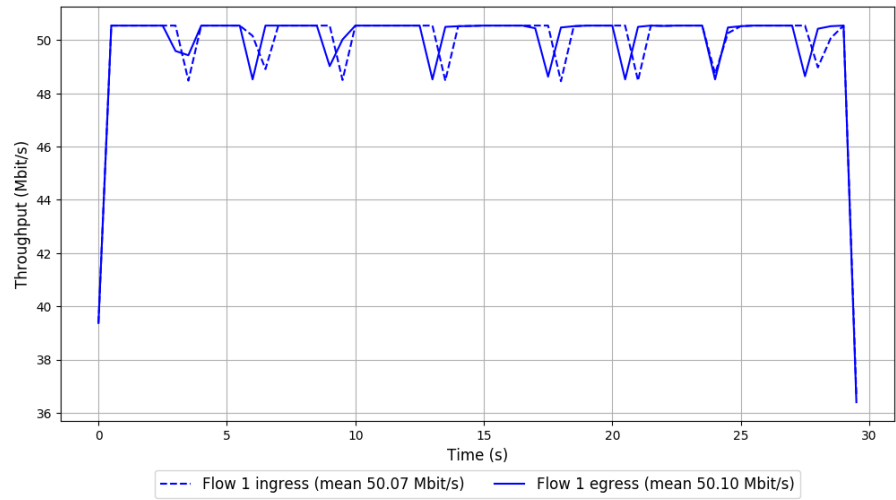


Run 5: Statistics of Sprout

Start at: 2017-12-11 12:10:20
End at: 2017-12-11 12:10:50
Local clock offset: -1.797 ms
Remote clock offset: 1.012 ms

Below is generated by plot.py at 2017-12-11 18:02:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 2.535 ms
Loss rate: 0.01%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-12-11 12:28:37

End at: 2017-12-11 12:29:07

Local clock offset: -1.796 ms

Remote clock offset: 1.056 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.07 Mbit/s

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

Loss rate: 0.00%

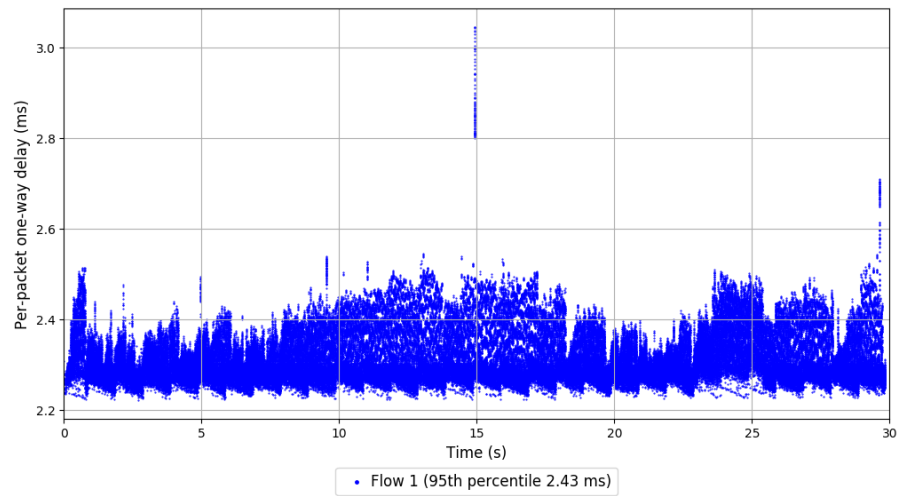
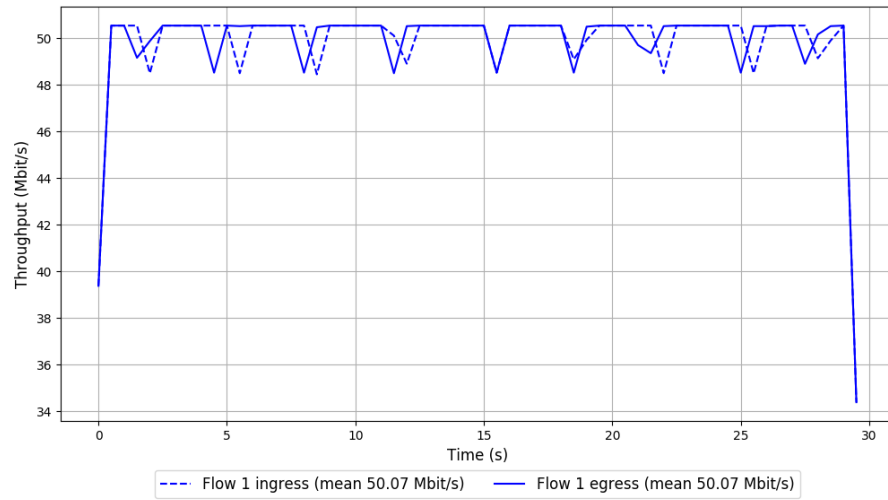
-- Flow 1:

Average throughput: 50.07 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

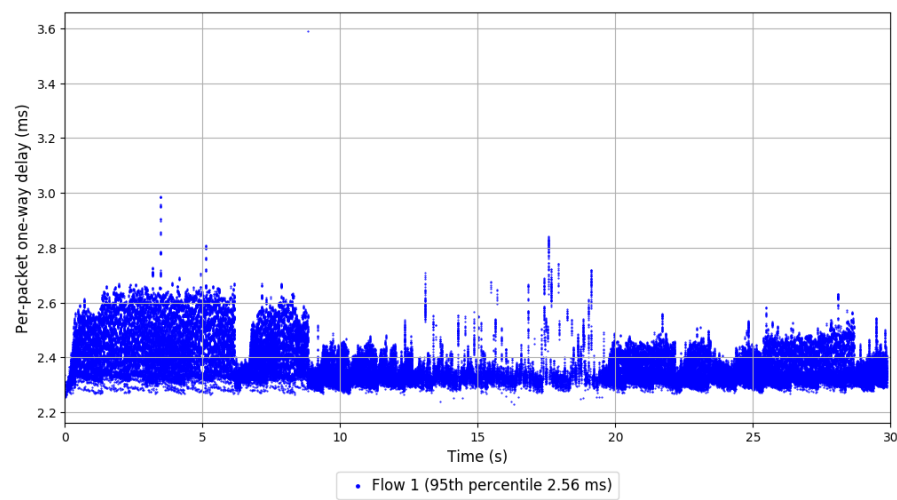
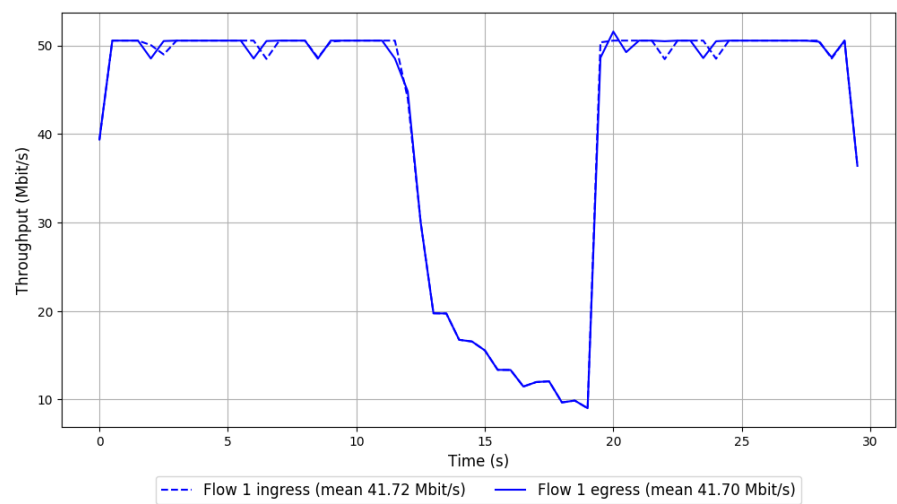


Run 7: Statistics of Sprout

Start at: 2017-12-11 12:46:43
End at: 2017-12-11 12:47:13
Local clock offset: -1.799 ms
Remote clock offset: 1.172 ms

Below is generated by plot.py at 2017-12-11 18:02:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 41.70 Mbit/s
95th percentile per-packet one-way delay: 2.557 ms
Loss rate: 0.05%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-12-11 13:04:49

End at: 2017-12-11 13:05:19

Local clock offset: -1.968 ms

Remote clock offset: 1.132 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.489 ms

Loss rate: 0.00%

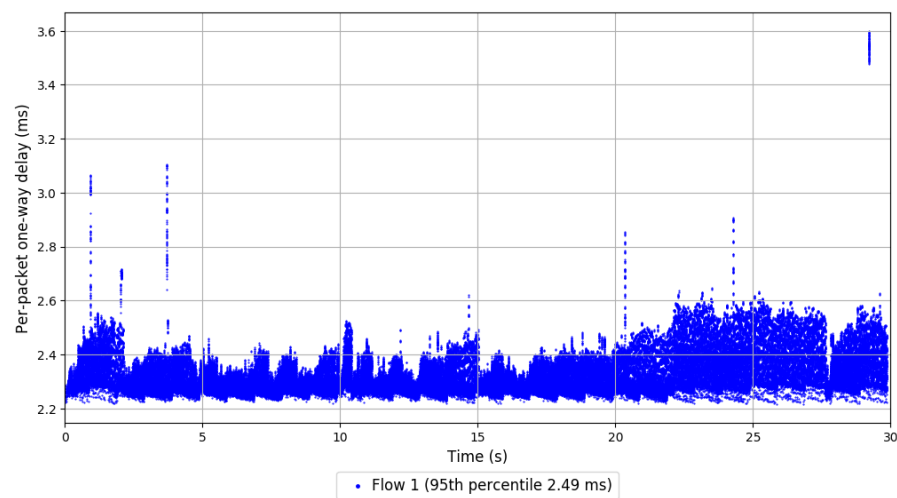
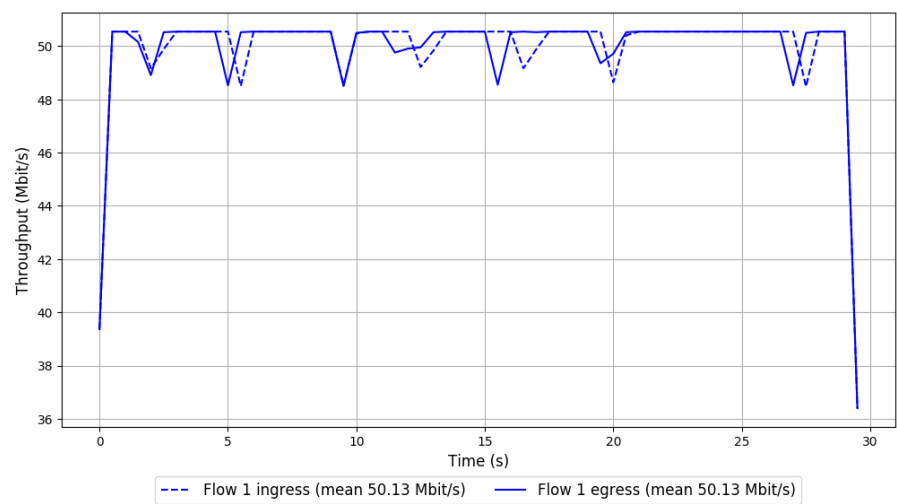
-- Flow 1:

Average throughput: 50.13 Mbit/s

95th percentile per-packet one-way delay: 2.489 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-12-11 13:22:55

End at: 2017-12-11 13:23:25

Local clock offset: -2.093 ms

Remote clock offset: 0.971 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.453 ms

Loss rate: 0.07%

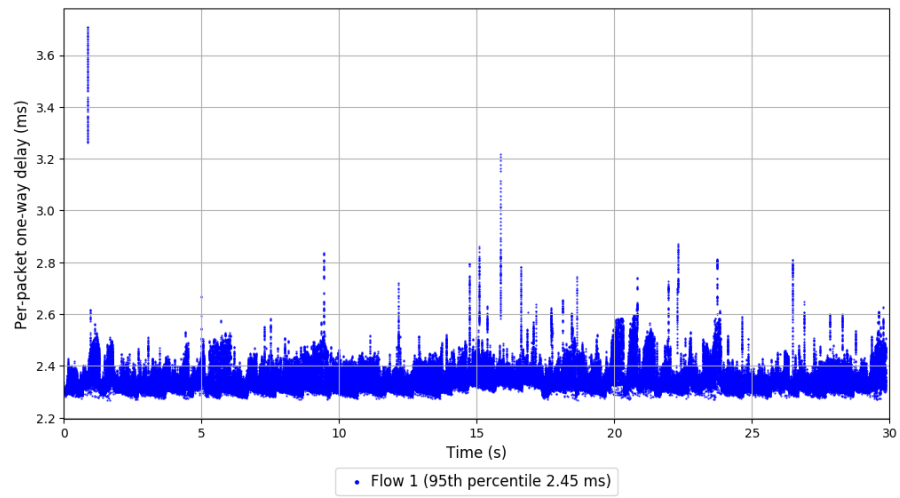
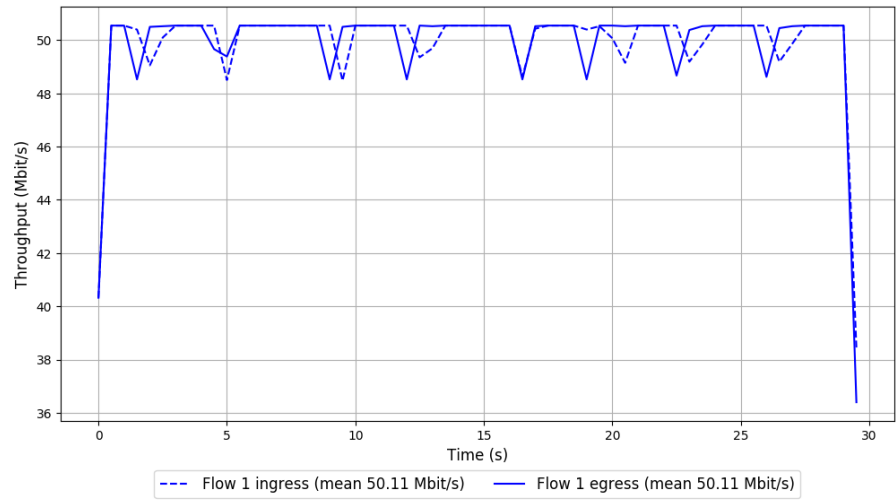
-- Flow 1:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.453 ms

Loss rate: 0.07%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-12-11 13:40:55

End at: 2017-12-11 13:41:25

Local clock offset: -2.265 ms

Remote clock offset: 0.919 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.06%

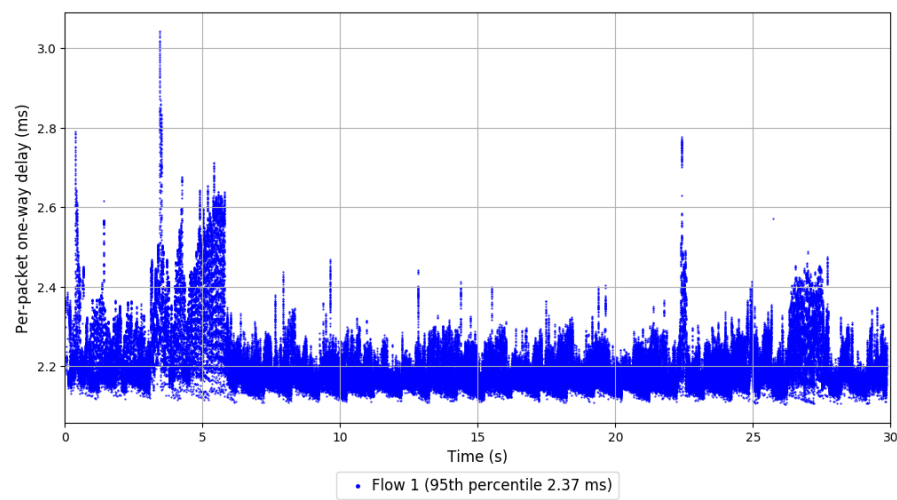
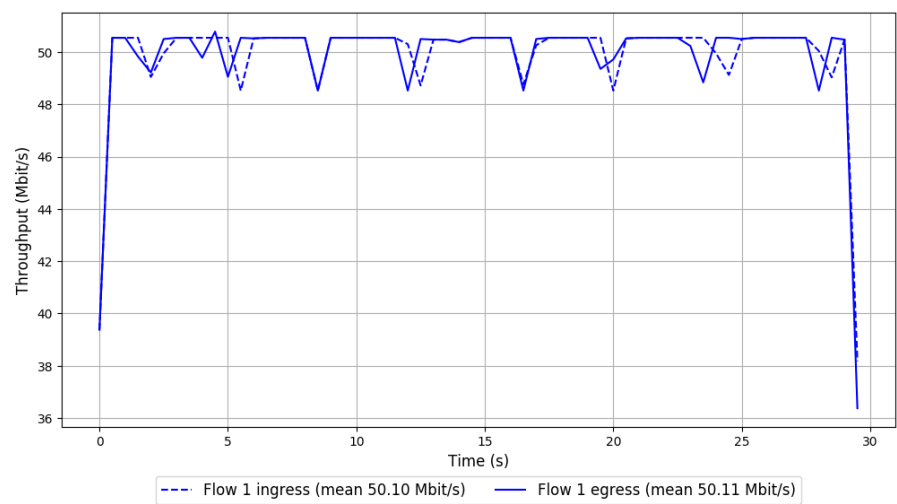
-- Flow 1:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.06%

Run 10: Report of Sprout — Data Link

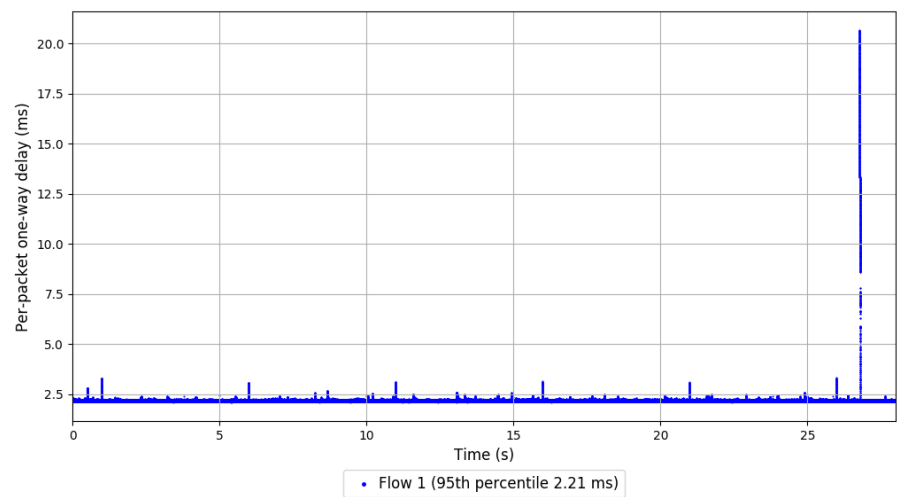
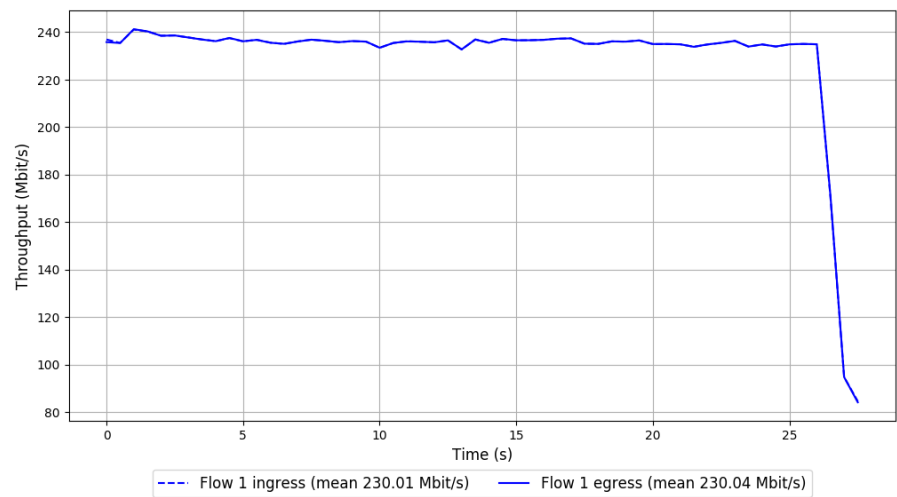


Run 1: Statistics of TaoVA-100x

Start at: 2017-12-11 10:53:39
End at: 2017-12-11 10:54:09
Local clock offset: -2.741 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2017-12-11 18:02:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 230.04 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 230.04 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.01%

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



Run 2: Statistics of TaoVA-100x

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

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

Local clock offset: -2.414 ms

Remote clock offset: 0.21 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 232.92 Mbit/s

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

Loss rate: 0.01%

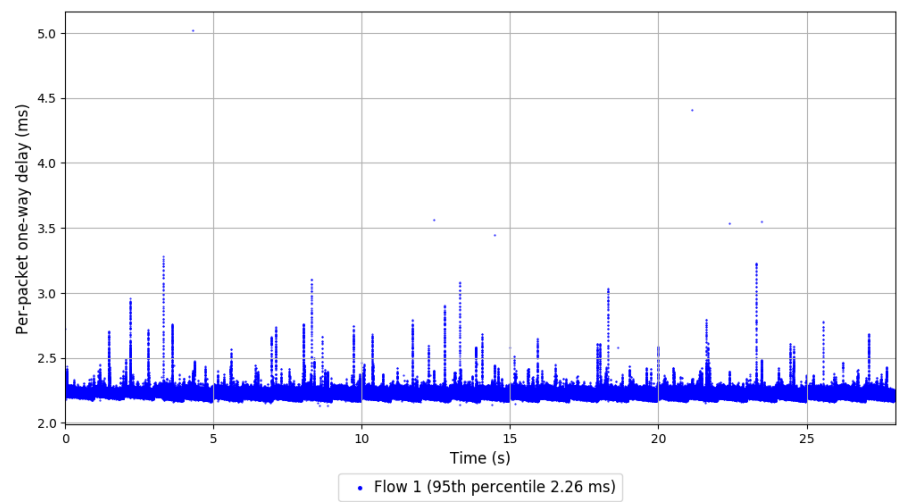
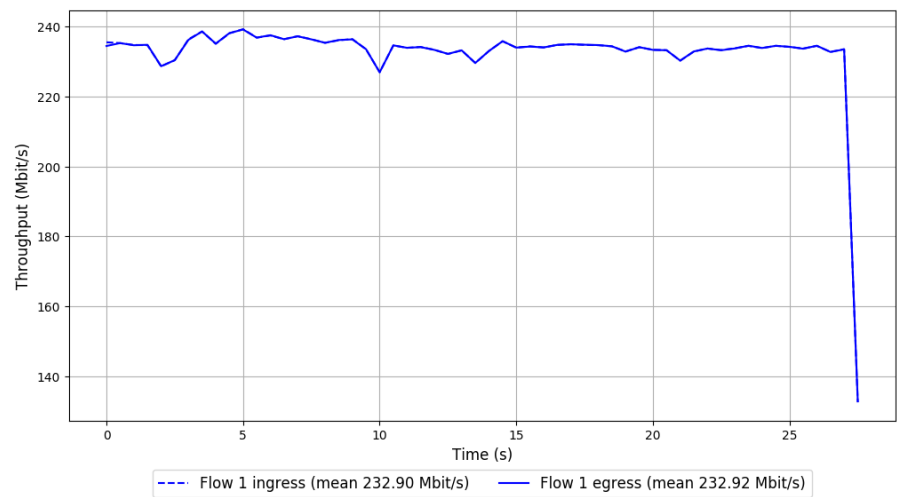
-- Flow 1:

Average throughput: 232.92 Mbit/s

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

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-12-11 11:29:59

End at: 2017-12-11 11:30:29

Local clock offset: -2.089 ms

Remote clock offset: 0.487 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 121.70 Mbit/s

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

Loss rate: 0.01%

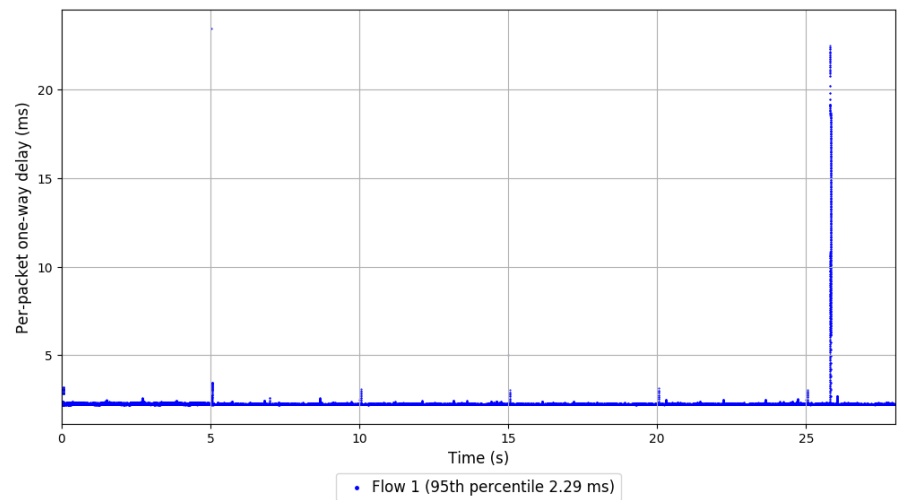
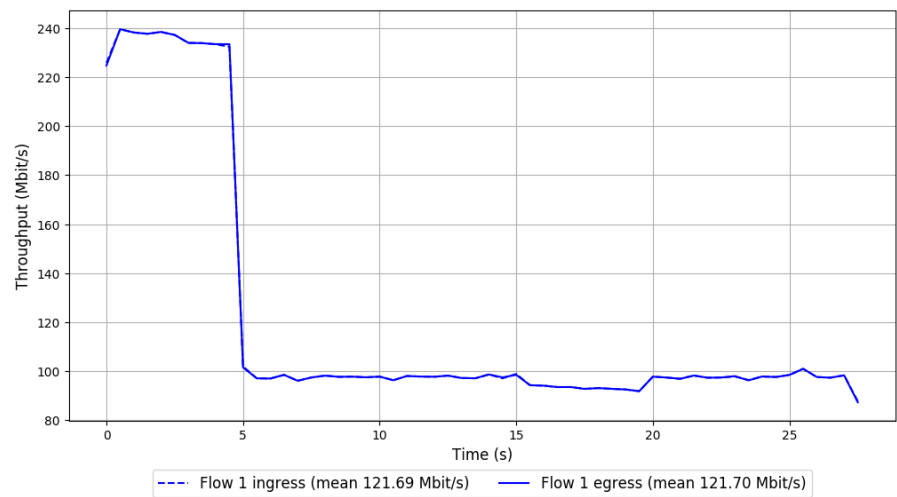
-- Flow 1:

Average throughput: 121.70 Mbit/s

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

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-12-11 11:48:13

End at: 2017-12-11 11:48:43

Local clock offset: -2.056 ms

Remote clock offset: 0.759 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 141.65 Mbit/s

95th percentile per-packet one-way delay: 2.312 ms

Loss rate: 0.01%

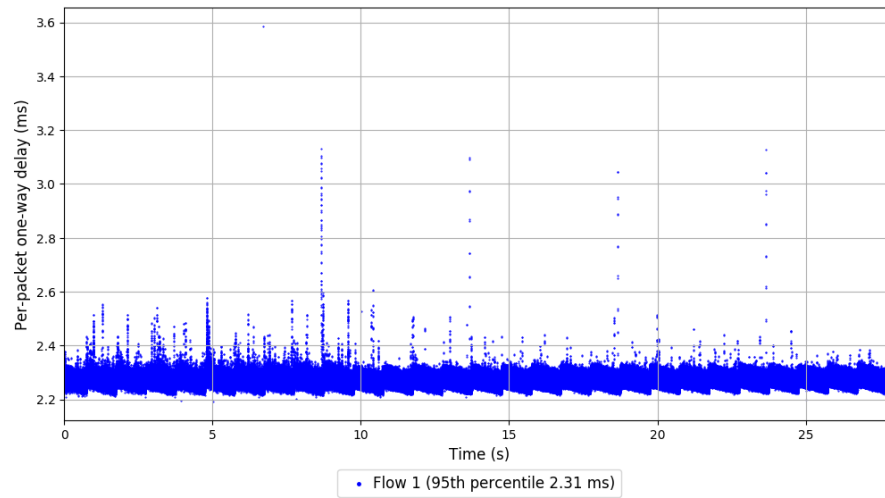
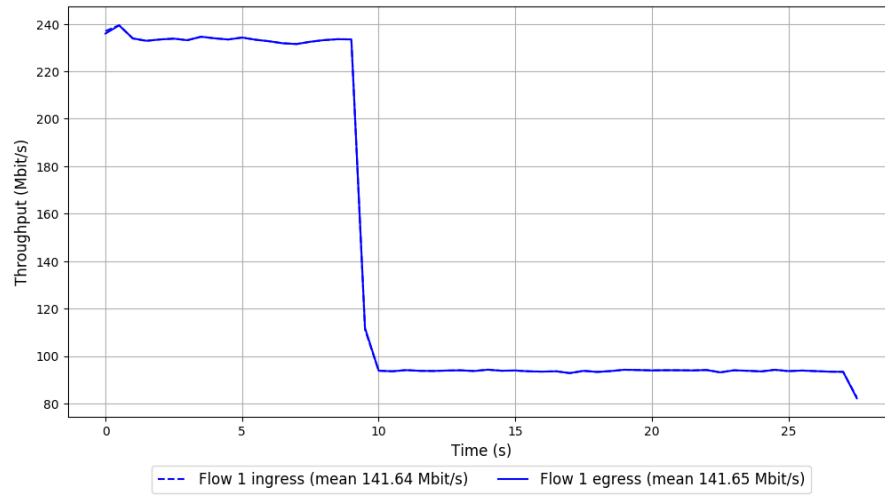
-- Flow 1:

Average throughput: 141.65 Mbit/s

95th percentile per-packet one-way delay: 2.312 ms

Loss rate: 0.01%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-12-11 12:06:27

End at: 2017-12-11 12:06:57

Local clock offset: -1.845 ms

Remote clock offset: 0.893 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 220.93 Mbit/s

95th percentile per-packet one-way delay: 2.371 ms

Loss rate: 0.01%

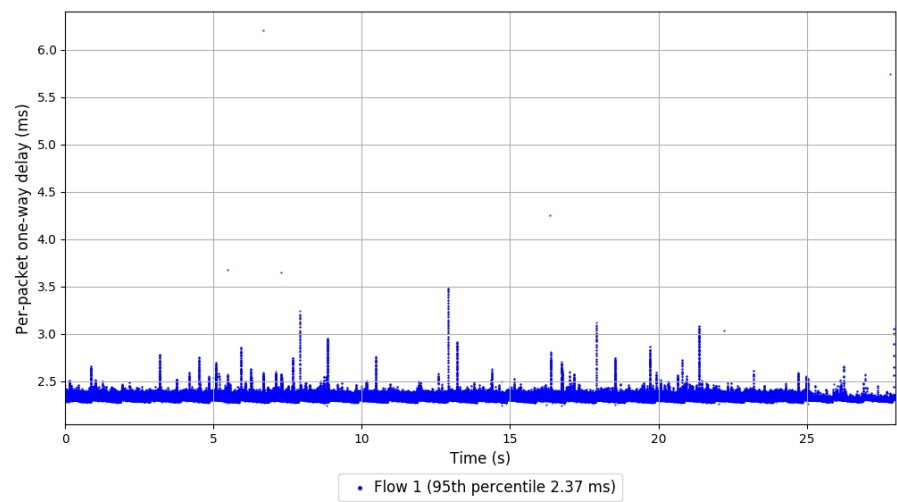
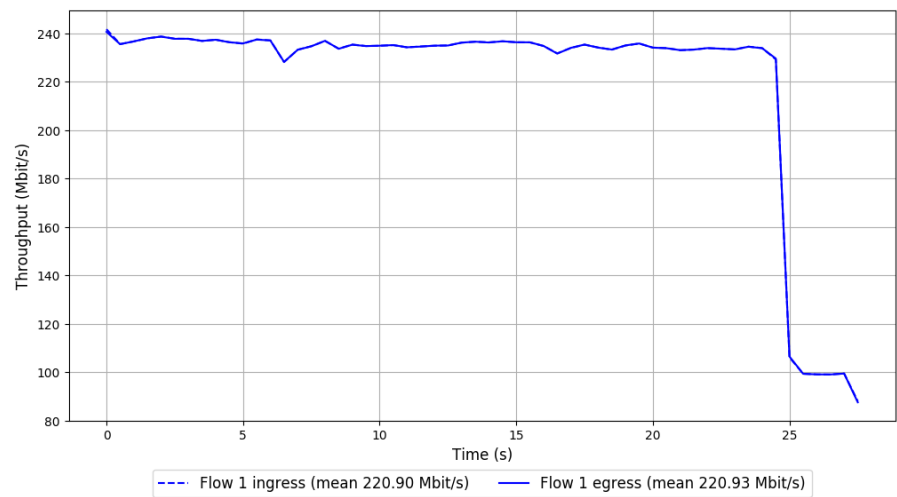
-- Flow 1:

Average throughput: 220.93 Mbit/s

95th percentile per-packet one-way delay: 2.371 ms

Loss rate: 0.01%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-12-11 12:24:44

End at: 2017-12-11 12:25:14

Local clock offset: -1.726 ms

Remote clock offset: 1.04 ms

Below is generated by plot.py at 2017-12-11 18:02:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.57 Mbit/s

95th percentile per-packet one-way delay: 2.364 ms

Loss rate: 0.01%

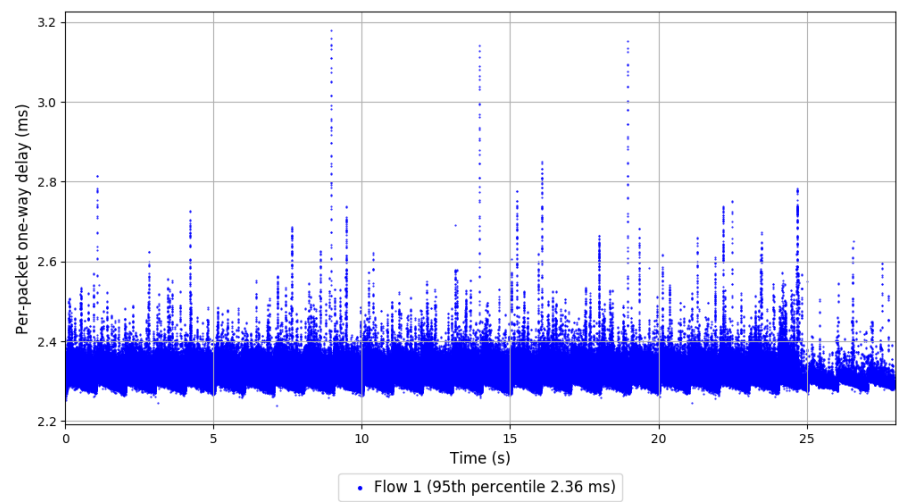
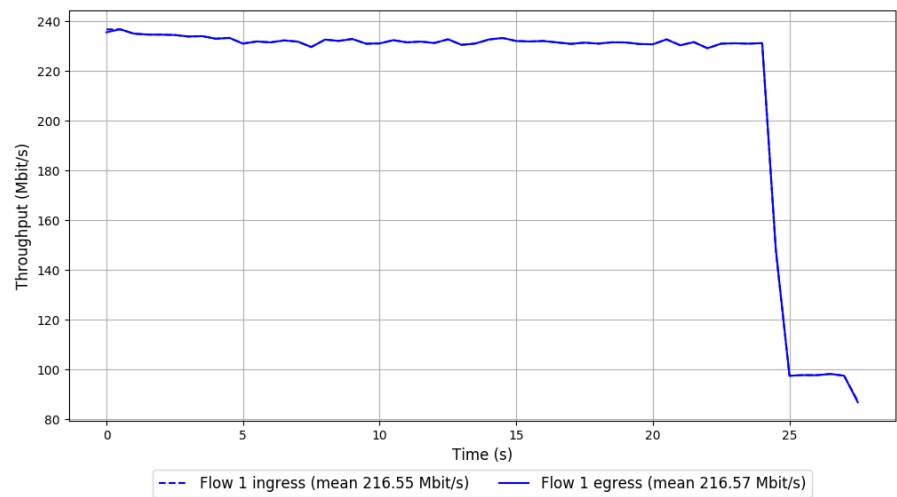
-- Flow 1:

Average throughput: 216.57 Mbit/s

95th percentile per-packet one-way delay: 2.364 ms

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-12-11 12:42:56

End at: 2017-12-11 12:43:27

Local clock offset: -1.722 ms

Remote clock offset: 1.24 ms

Below is generated by plot.py at 2017-12-11 18:02:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 145.27 Mbit/s

95th percentile per-packet one-way delay: 2.304 ms

Loss rate: 0.01%

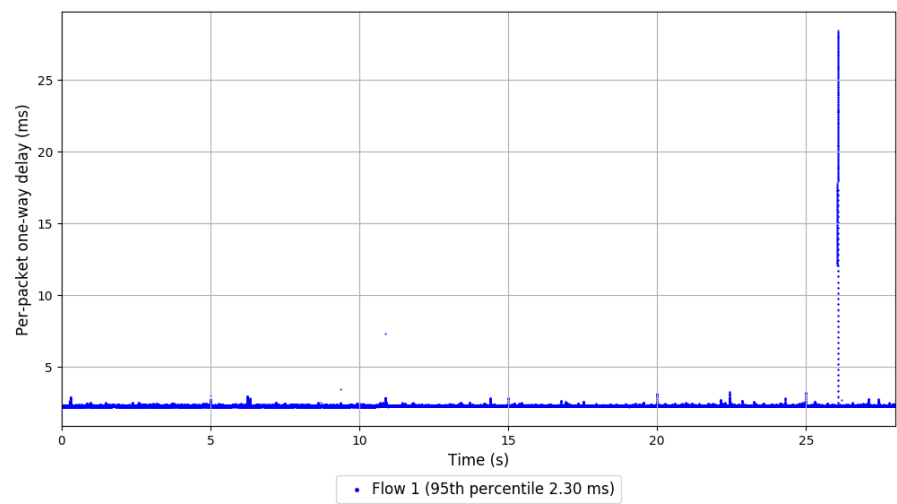
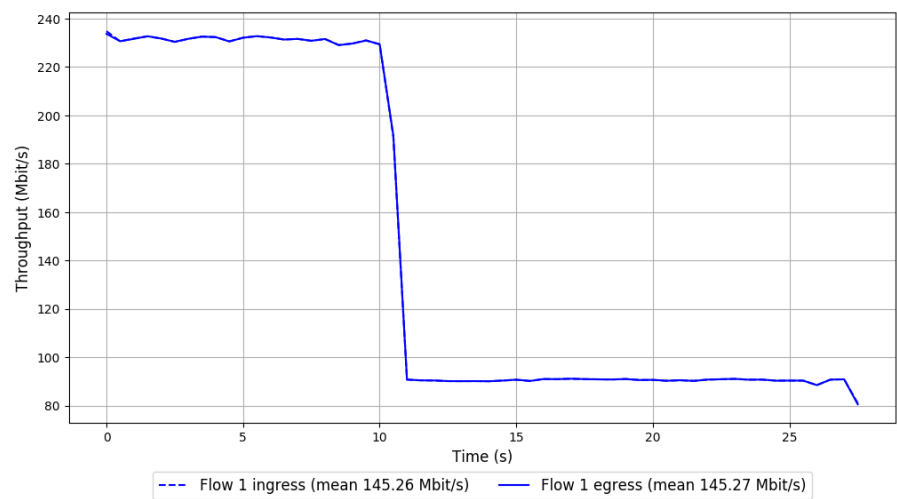
-- Flow 1:

Average throughput: 145.27 Mbit/s

95th percentile per-packet one-way delay: 2.304 ms

Loss rate: 0.01%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-12-11 13:00:59

End at: 2017-12-11 13:01:29

Local clock offset: -1.947 ms

Remote clock offset: 1.159 ms

Below is generated by plot.py at 2017-12-11 18:04:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 187.01 Mbit/s

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

Loss rate: 0.01%

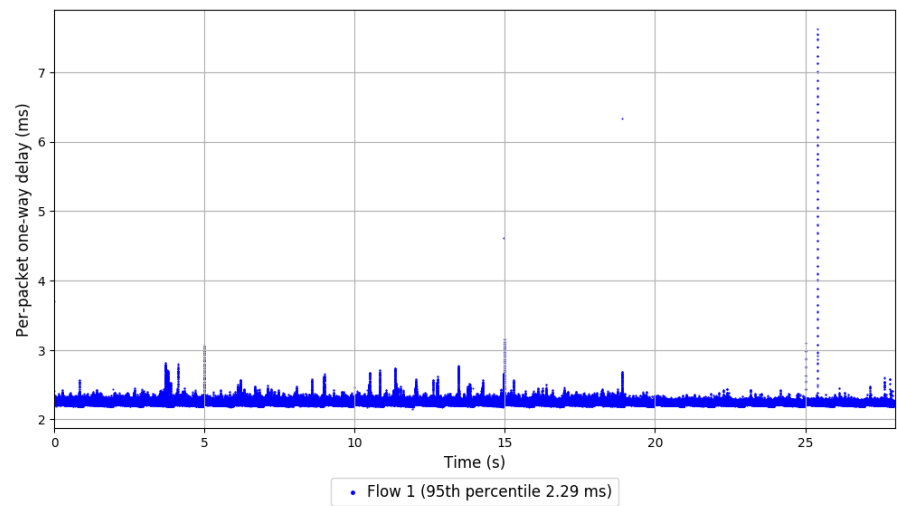
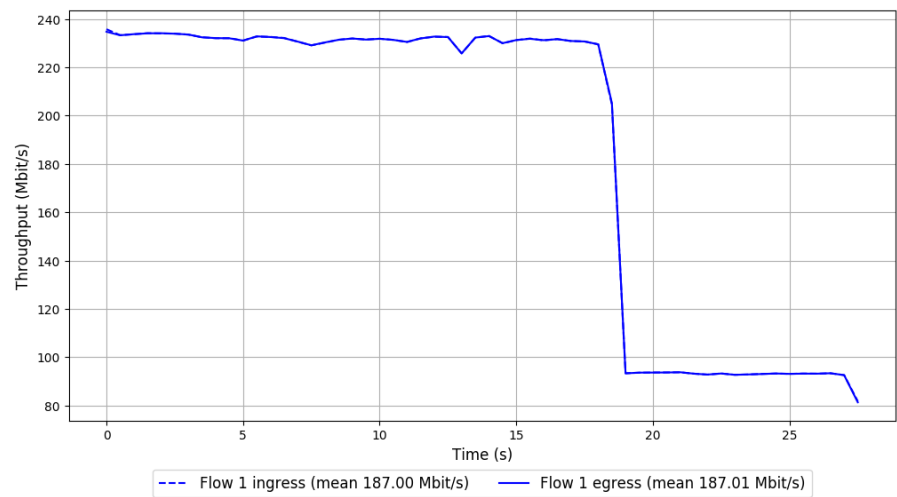
-- Flow 1:

Average throughput: 187.01 Mbit/s

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

Loss rate: 0.01%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-12-11 13:19:08

End at: 2017-12-11 13:19:38

Local clock offset: -2.067 ms

Remote clock offset: 0.97 ms

Below is generated by plot.py at 2017-12-11 18:04:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 118.17 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.01%

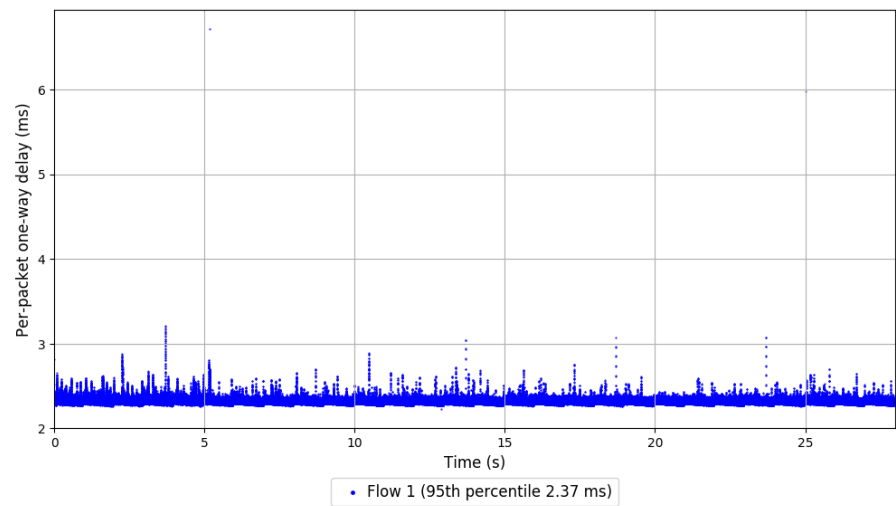
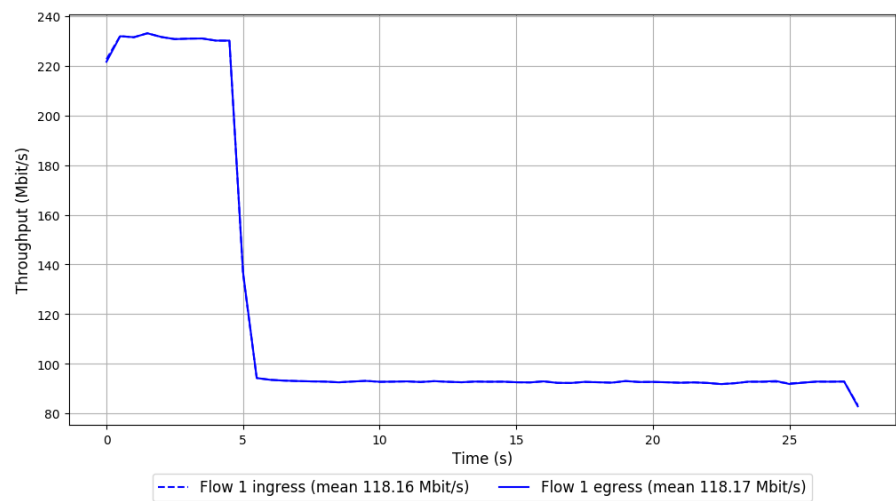
-- Flow 1:

Average throughput: 118.17 Mbit/s

95th percentile per-packet one-way delay: 2.368 ms

Loss rate: 0.01%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-12-11 13:37:06

End at: 2017-12-11 13:37:36

Local clock offset: -2.186 ms

Remote clock offset: 0.928 ms

Below is generated by plot.py at 2017-12-11 18:05:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.46 Mbit/s

95th percentile per-packet one-way delay: 2.306 ms

Loss rate: 0.01%

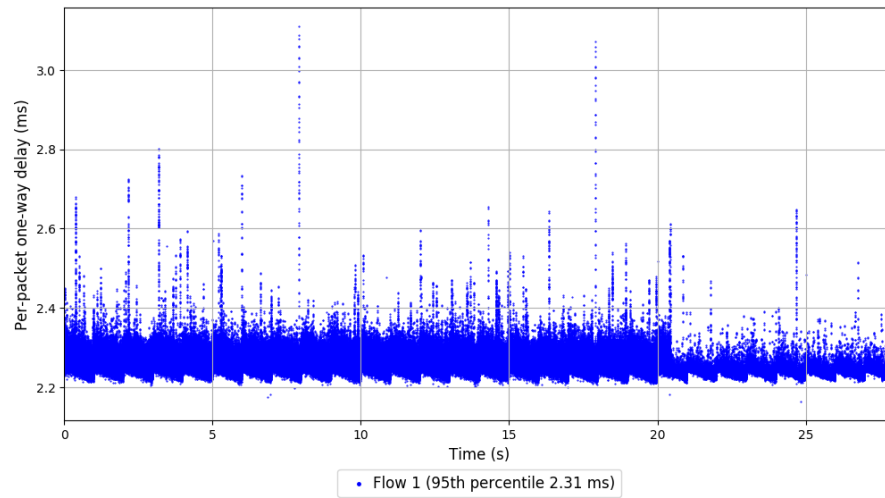
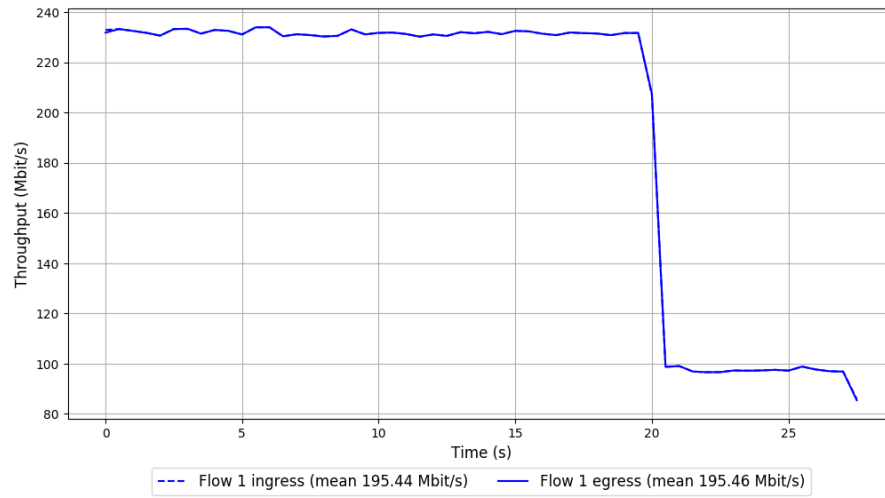
-- Flow 1:

Average throughput: 195.46 Mbit/s

95th percentile per-packet one-way delay: 2.306 ms

Loss rate: 0.01%

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

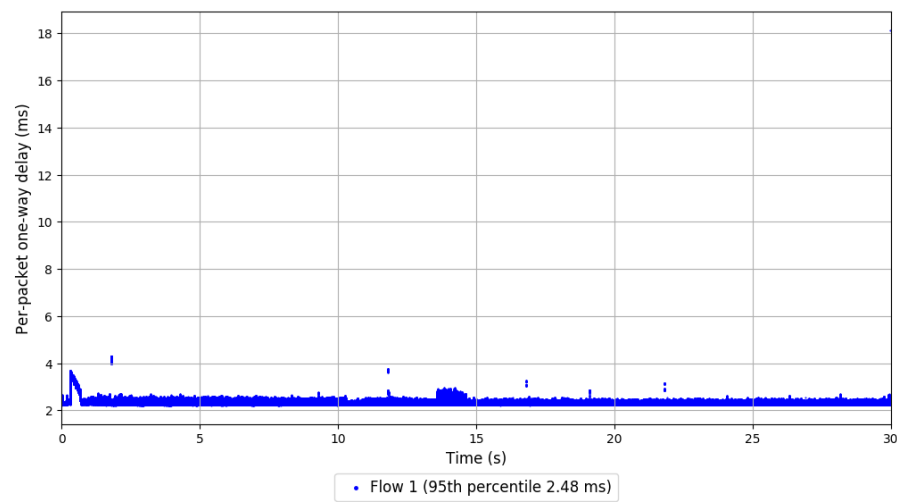
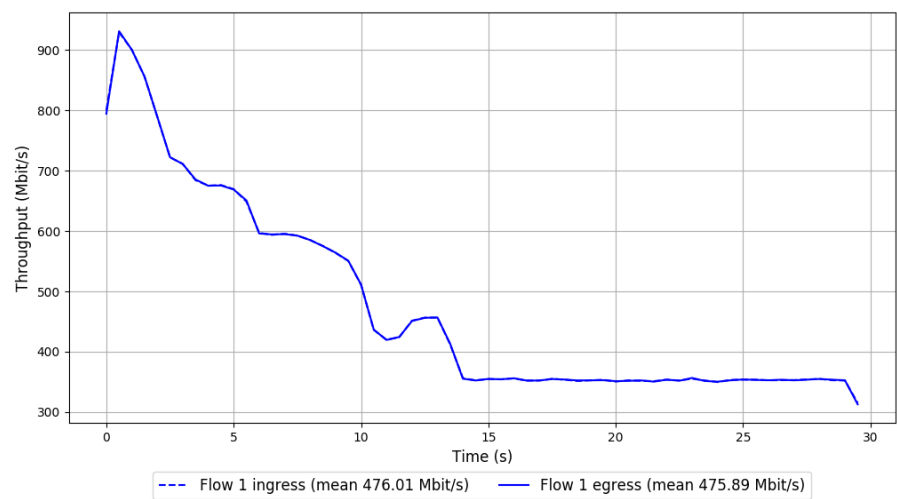


Run 1: Statistics of TCP Vegas

Start at: 2017-12-11 11:02:39
End at: 2017-12-11 11:03:09
Local clock offset: -2.691 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2017-12-11 18:08:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 475.89 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 475.89 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-12-11 11:20:47

End at: 2017-12-11 11:21:17

Local clock offset: -2.334 ms

Remote clock offset: 0.348 ms

Below is generated by plot.py at 2017-12-11 18:08:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 307.11 Mbit/s

95th percentile per-packet one-way delay: 2.535 ms

Loss rate: 0.02%

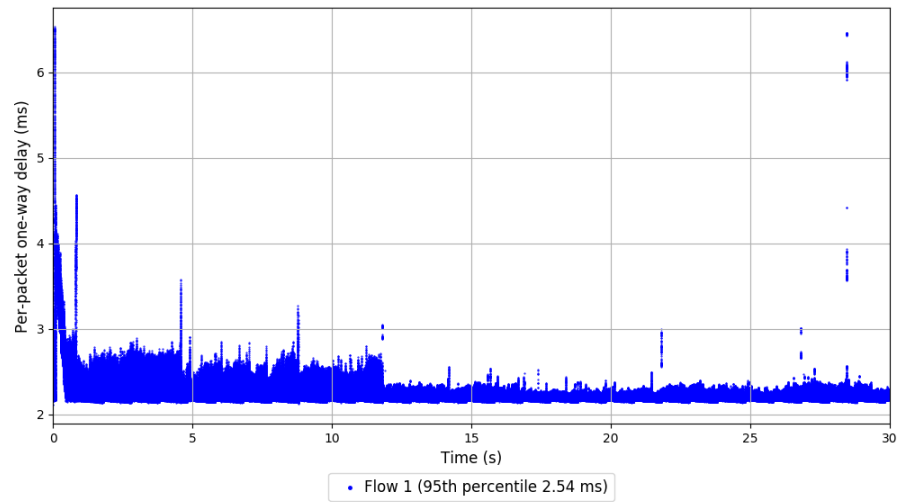
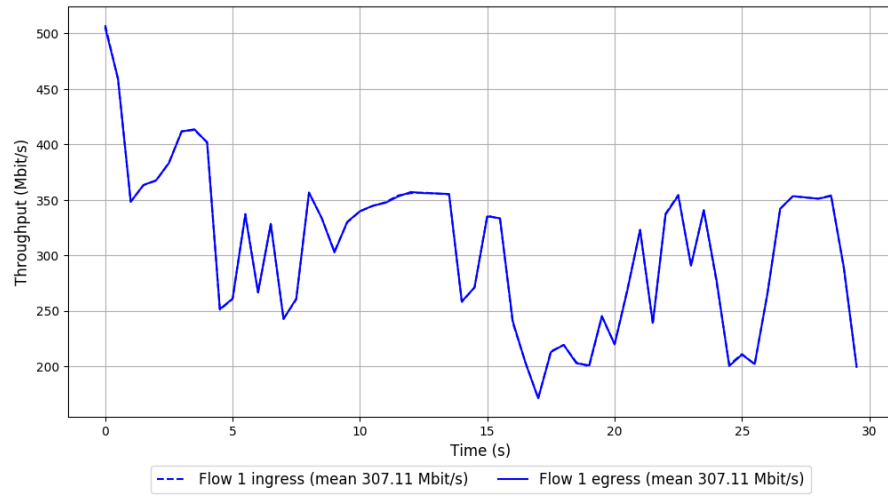
-- Flow 1:

Average throughput: 307.11 Mbit/s

95th percentile per-packet one-way delay: 2.535 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-12-11 11:38:46

End at: 2017-12-11 11:39:16

Local clock offset: -2.017 ms

Remote clock offset: 0.632 ms

Below is generated by plot.py at 2017-12-11 18:11:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 695.68 Mbit/s

95th percentile per-packet one-way delay: 2.424 ms

Loss rate: 0.01%

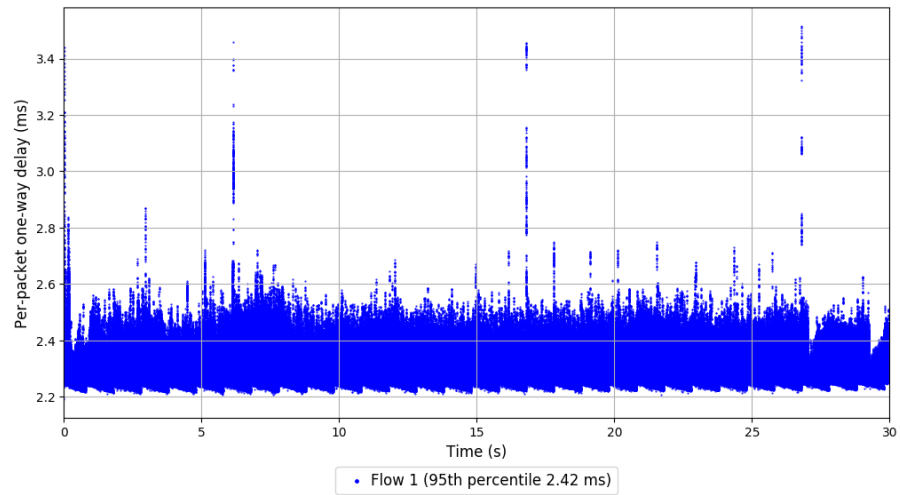
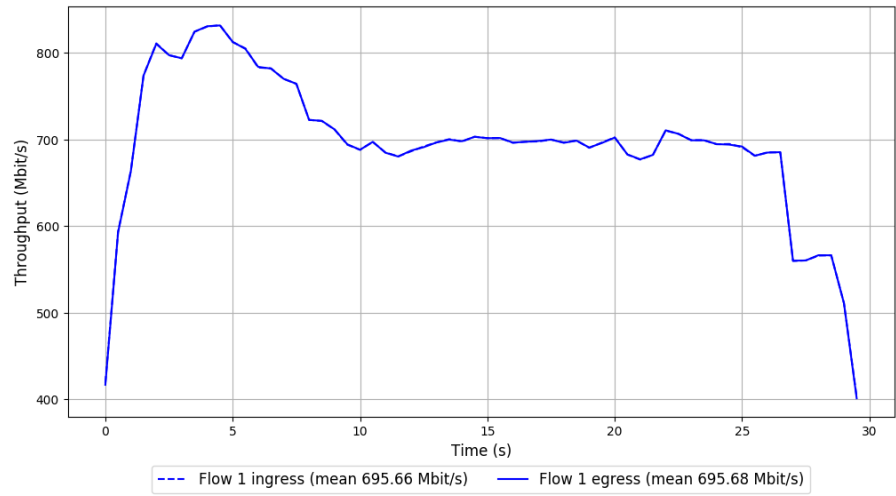
-- Flow 1:

Average throughput: 695.68 Mbit/s

95th percentile per-packet one-way delay: 2.424 ms

Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-12-11 11:57:06

End at: 2017-12-11 11:57:36

Local clock offset: -2.173 ms

Remote clock offset: 0.859 ms

Below is generated by plot.py at 2017-12-11 18:12:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 761.88 Mbit/s

95th percentile per-packet one-way delay: 2.404 ms

Loss rate: 0.01%

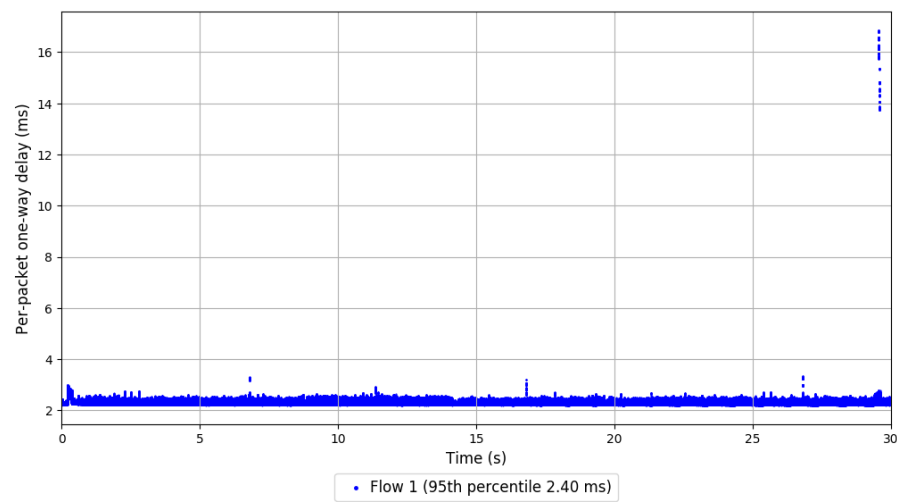
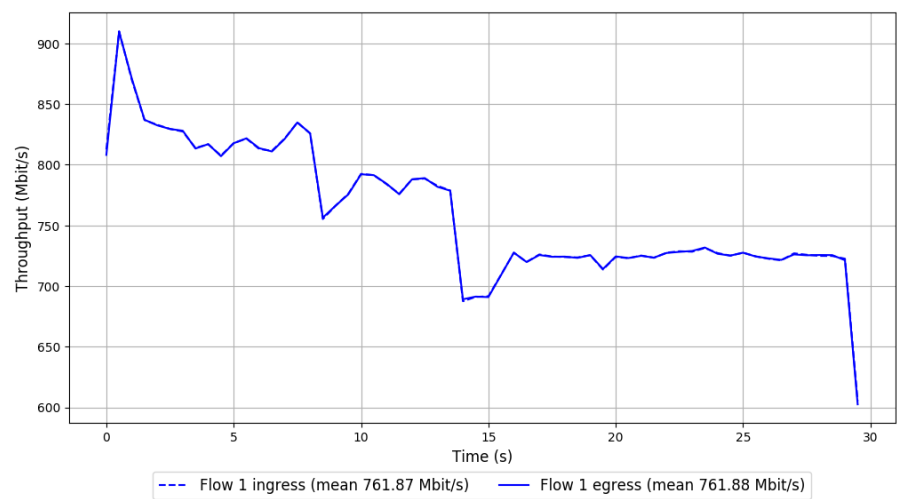
-- Flow 1:

Average throughput: 761.88 Mbit/s

95th percentile per-packet one-way delay: 2.404 ms

Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-12-11 12:15:26

End at: 2017-12-11 12:15:56

Local clock offset: -1.765 ms

Remote clock offset: 0.946 ms

Below is generated by plot.py at 2017-12-11 18:12:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 485.40 Mbit/s

95th percentile per-packet one-way delay: 2.463 ms

Loss rate: 0.01%

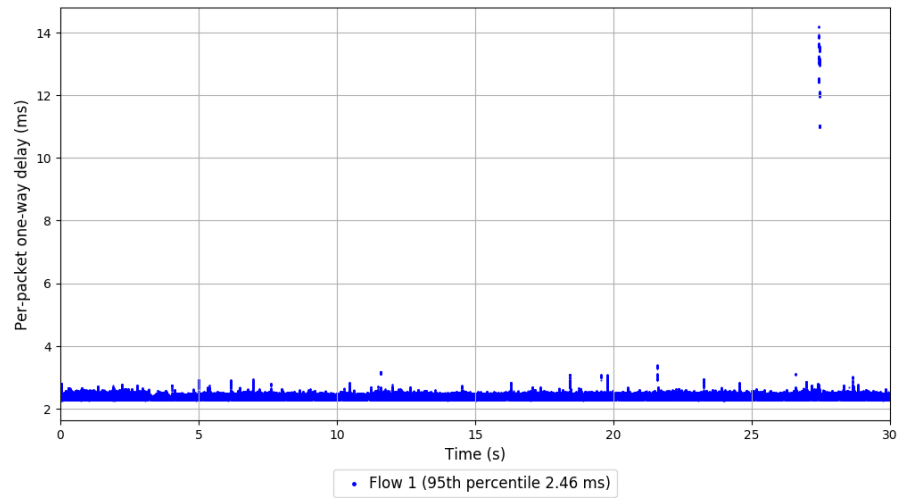
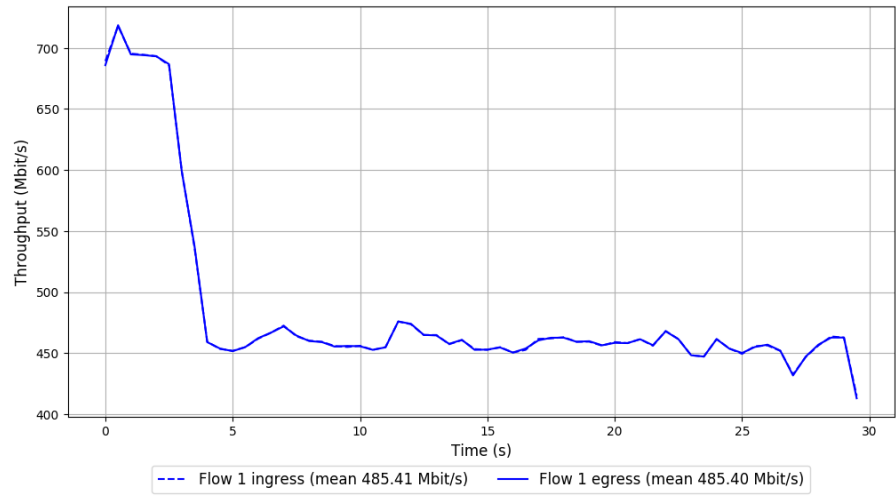
-- Flow 1:

Average throughput: 485.40 Mbit/s

95th percentile per-packet one-way delay: 2.463 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-12-11 12:33:38

End at: 2017-12-11 12:34:08

Local clock offset: -1.712 ms

Remote clock offset: 1.18 ms

Below is generated by plot.py at 2017-12-11 18:12:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 516.78 Mbit/s

95th percentile per-packet one-way delay: 2.852 ms

Loss rate: 0.01%

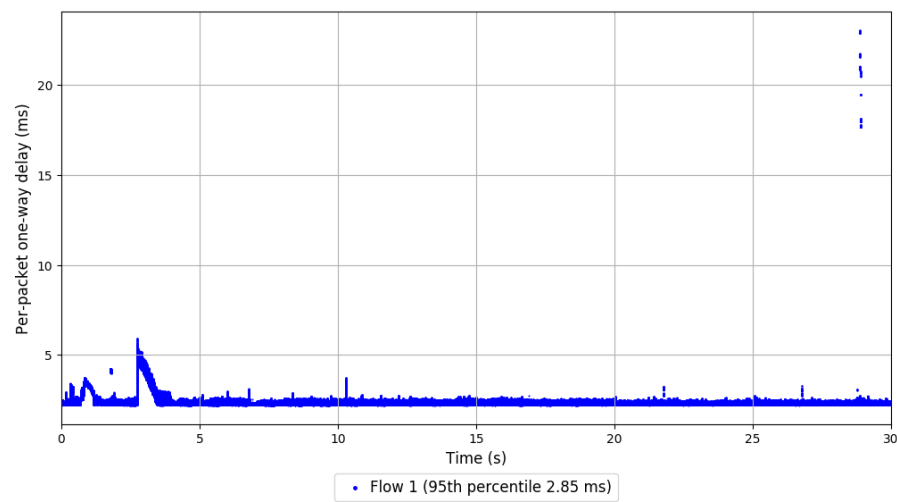
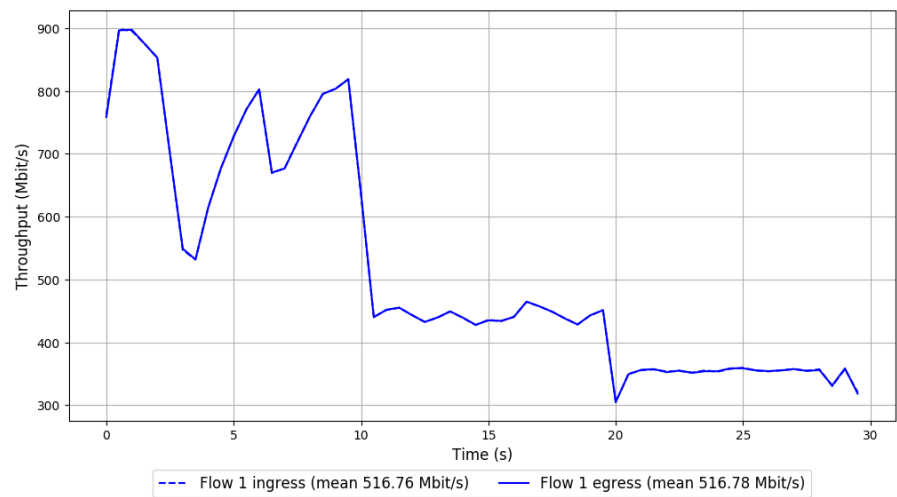
-- Flow 1:

Average throughput: 516.78 Mbit/s

95th percentile per-packet one-way delay: 2.852 ms

Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-12-11 12:51:46

End at: 2017-12-11 12:52:16

Local clock offset: -2.564 ms

Remote clock offset: 1.177 ms

Below is generated by plot.py at 2017-12-11 18:12:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 374.34 Mbit/s

95th percentile per-packet one-way delay: 1.919 ms

Loss rate: 0.02%

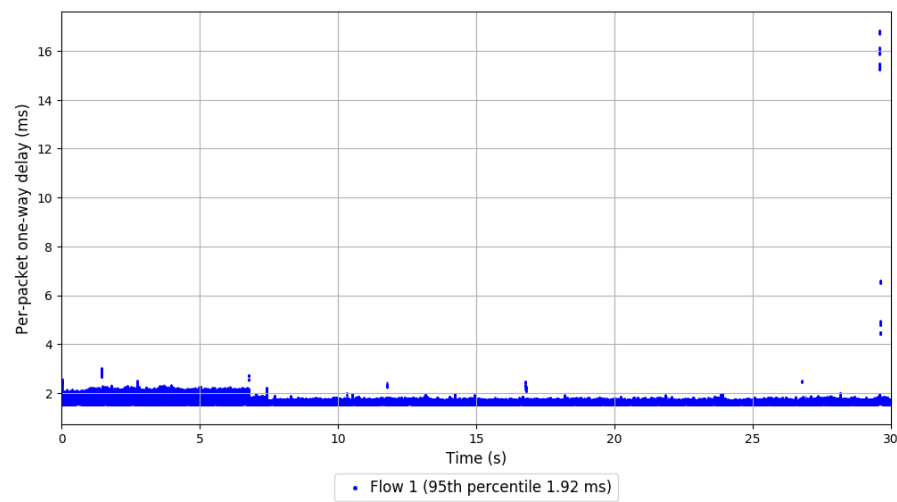
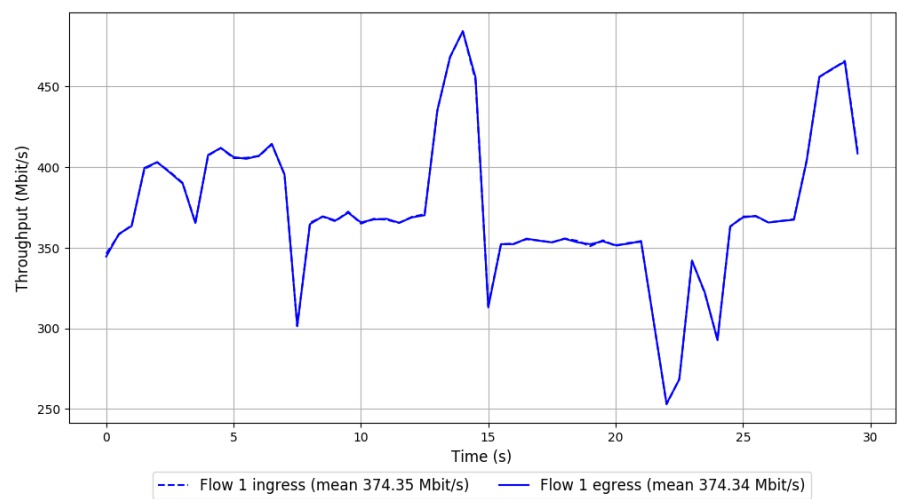
-- Flow 1:

Average throughput: 374.34 Mbit/s

95th percentile per-packet one-way delay: 1.919 ms

Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-12-11 13:09:53

End at: 2017-12-11 13:10:23

Local clock offset: -2.007 ms

Remote clock offset: 1.031 ms

Below is generated by plot.py at 2017-12-11 18:12:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 449.82 Mbit/s

95th percentile per-packet one-way delay: 2.501 ms

Loss rate: 0.02%

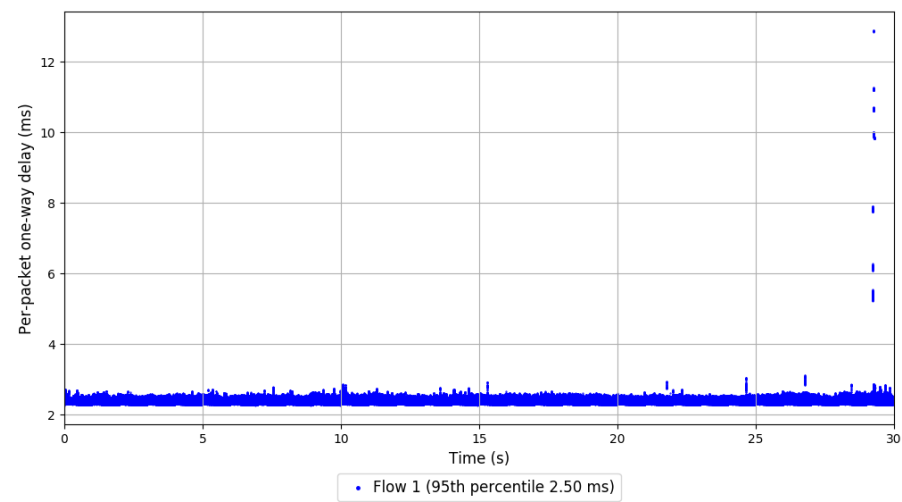
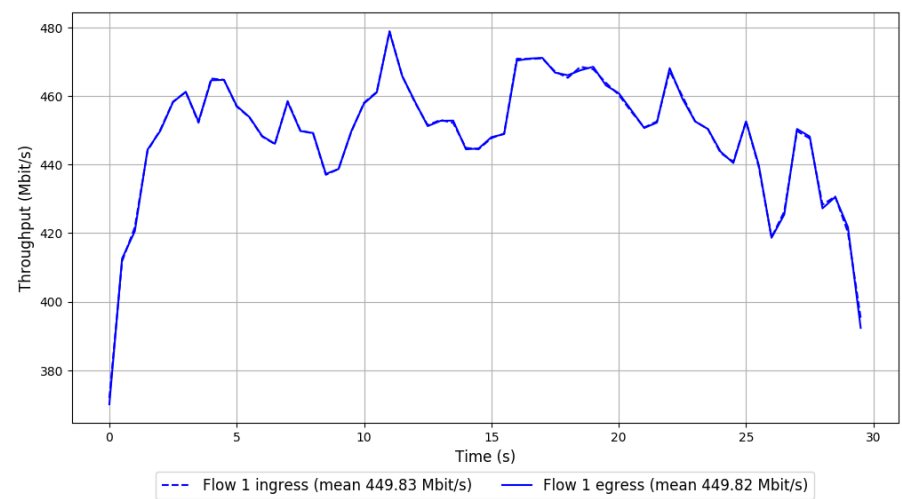
-- Flow 1:

Average throughput: 449.82 Mbit/s

95th percentile per-packet one-way delay: 2.501 ms

Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-12-11 13:27:55

End at: 2017-12-11 13:28:25

Local clock offset: -2.154 ms

Remote clock offset: 0.982 ms

Below is generated by plot.py at 2017-12-11 18:12:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 421.97 Mbit/s

95th percentile per-packet one-way delay: 2.441 ms

Loss rate: 0.01%

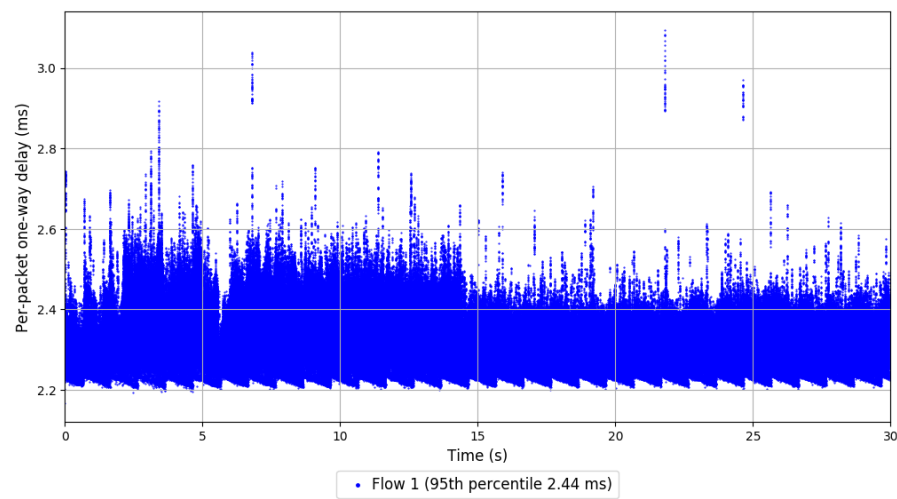
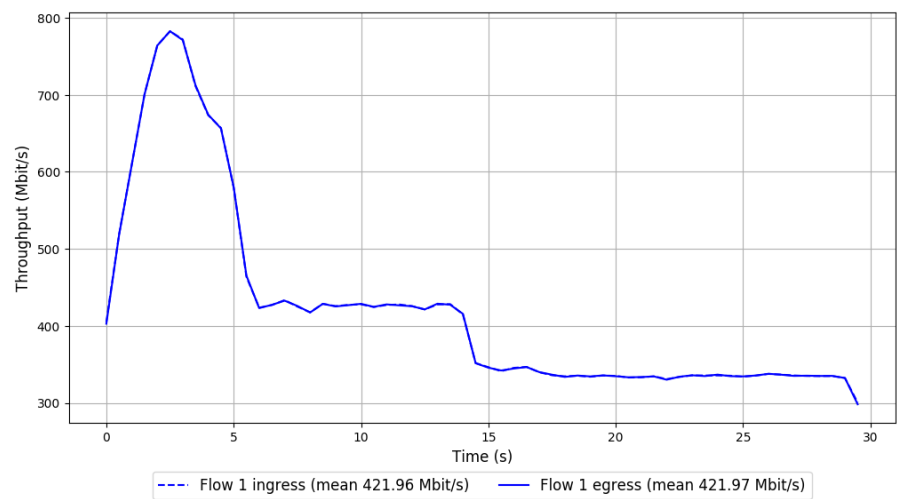
-- Flow 1:

Average throughput: 421.97 Mbit/s

95th percentile per-packet one-way delay: 2.441 ms

Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-12-11 13:45:59

End at: 2017-12-11 13:46:29

Local clock offset: -2.121 ms

Remote clock offset: 0.897 ms

Below is generated by plot.py at 2017-12-11 18:14:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 456.32 Mbit/s

95th percentile per-packet one-way delay: 2.423 ms

Loss rate: 0.01%

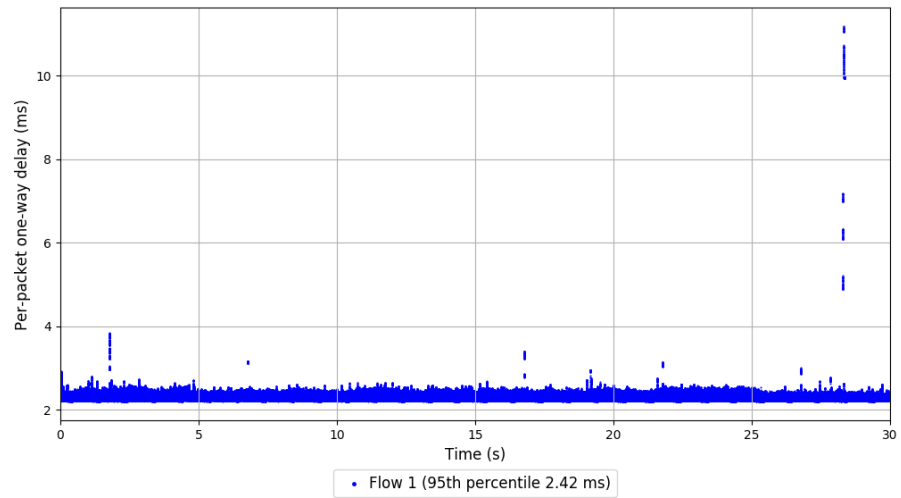
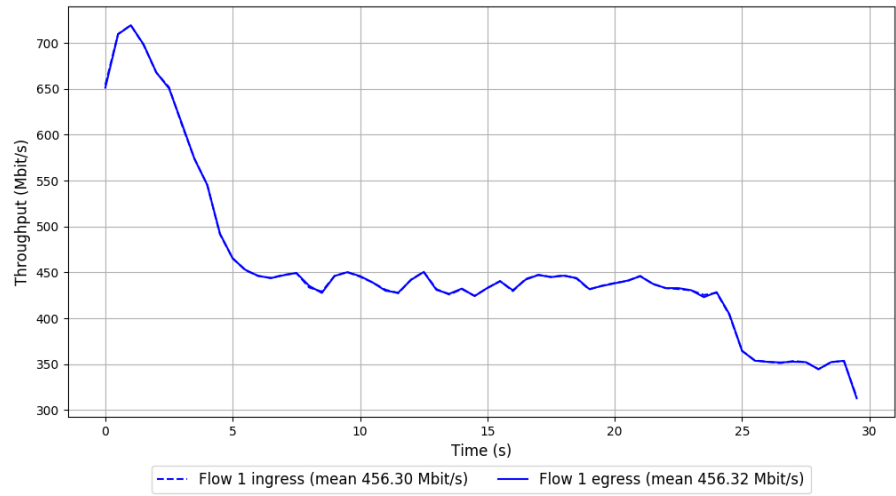
-- Flow 1:

Average throughput: 456.32 Mbit/s

95th percentile per-packet one-way delay: 2.423 ms

Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

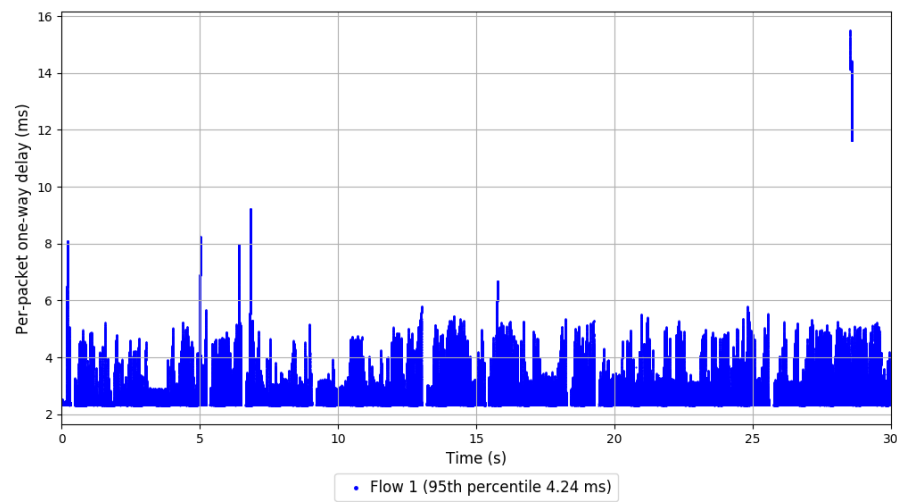
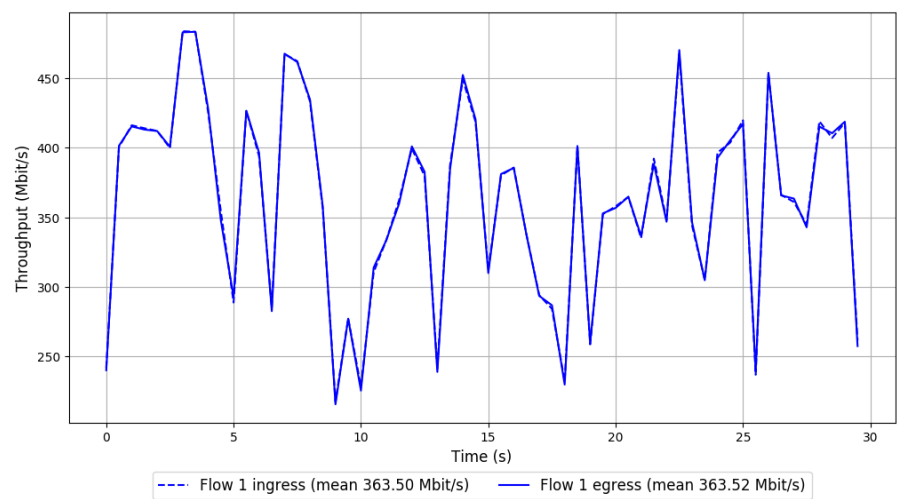


Run 1: Statistics of Verus

Start at: 2017-12-11 10:59:45
End at: 2017-12-11 11:00:15
Local clock offset: -2.605 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2017-12-11 18:14:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 363.52 Mbit/s
95th percentile per-packet one-way delay: 4.243 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 363.52 Mbit/s
95th percentile per-packet one-way delay: 4.243 ms
Loss rate: 0.03%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-12-11 11:17:56

End at: 2017-12-11 11:18:26

Local clock offset: -2.381 ms

Remote clock offset: 0.234 ms

Below is generated by plot.py at 2017-12-11 18:14:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 332.74 Mbit/s

95th percentile per-packet one-way delay: 3.821 ms

Loss rate: 0.01%

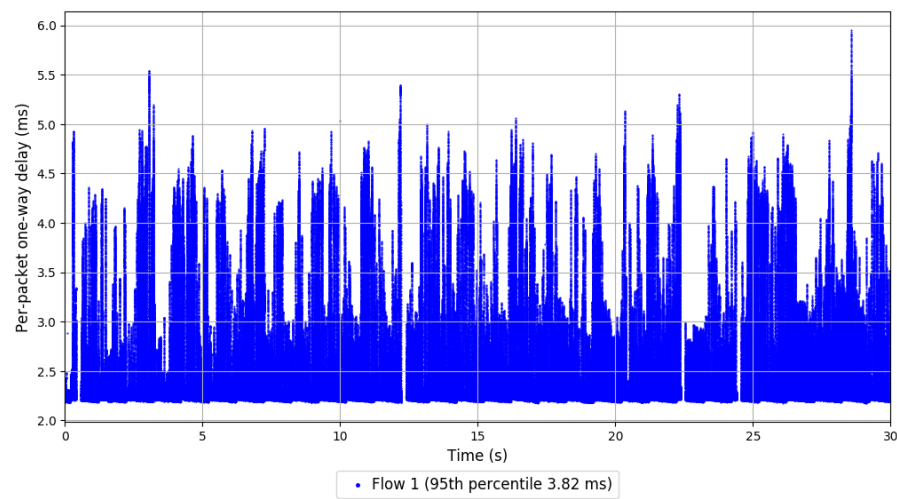
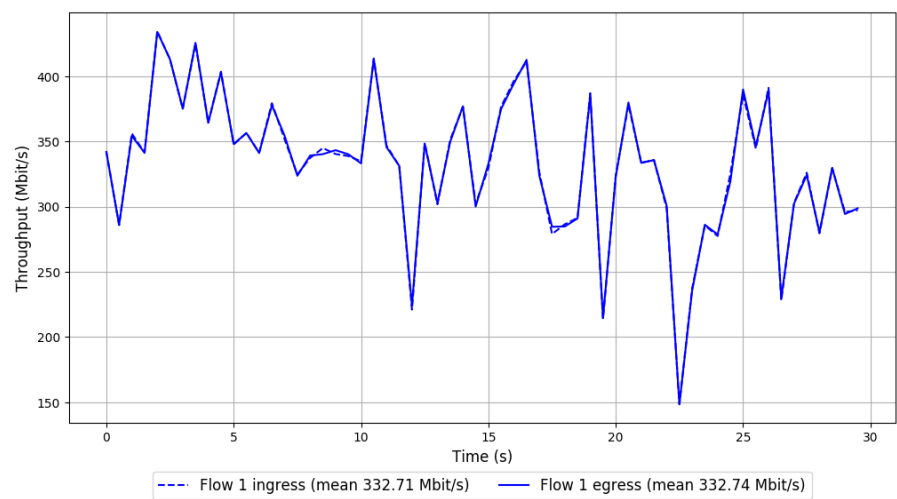
-- Flow 1:

Average throughput: 332.74 Mbit/s

95th percentile per-packet one-way delay: 3.821 ms

Loss rate: 0.01%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-12-11 11:35:55

End at: 2017-12-11 11:36:25

Local clock offset: -2.129 ms

Remote clock offset: 0.563 ms

Below is generated by plot.py at 2017-12-11 18:15:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 325.34 Mbit/s

95th percentile per-packet one-way delay: 4.040 ms

Loss rate: 0.00%

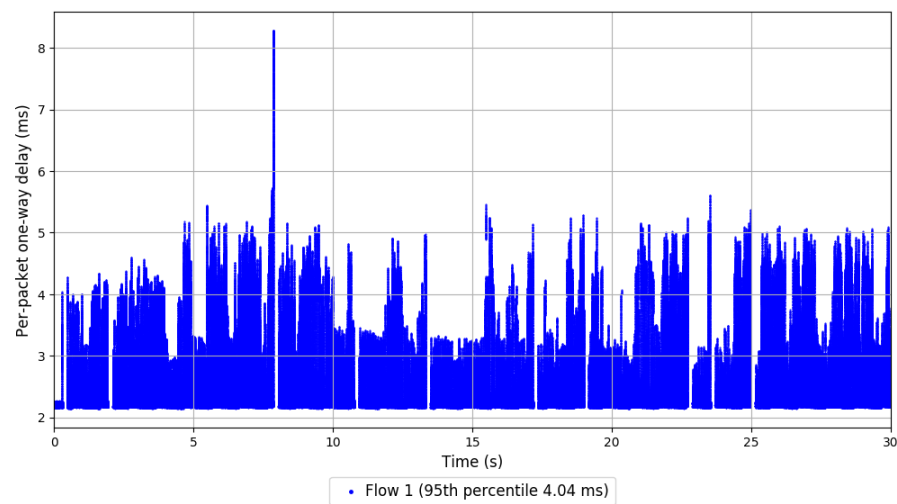
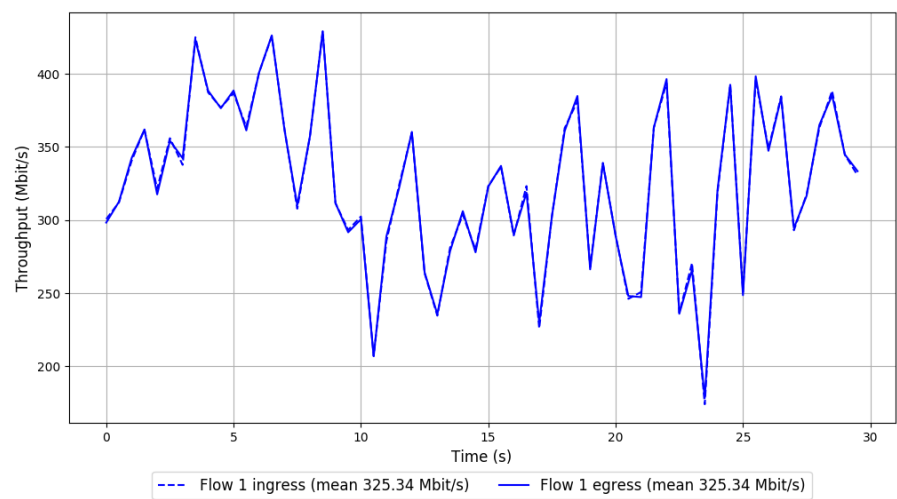
-- Flow 1:

Average throughput: 325.34 Mbit/s

95th percentile per-packet one-way delay: 4.040 ms

Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-12-11 11:54:14

End at: 2017-12-11 11:54:44

Local clock offset: -2.155 ms

Remote clock offset: 0.831 ms

Below is generated by plot.py at 2017-12-11 18:16:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 342.24 Mbit/s

95th percentile per-packet one-way delay: 4.066 ms

Loss rate: 0.02%

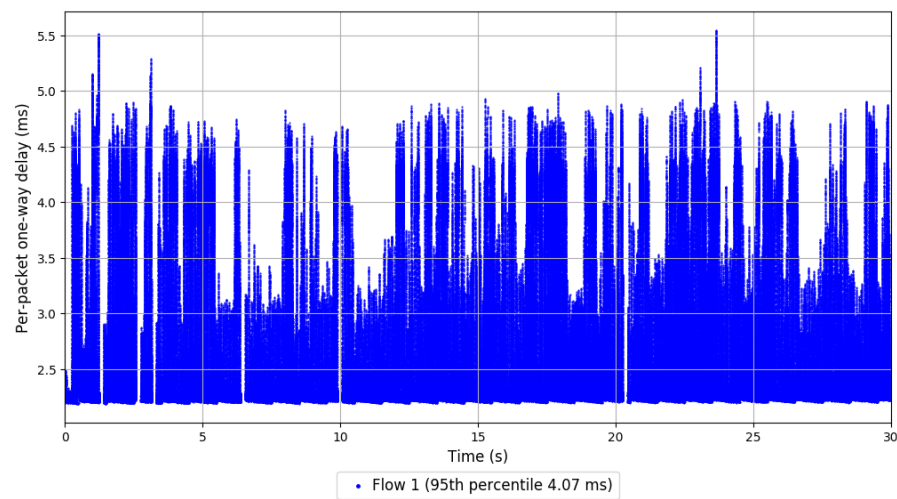
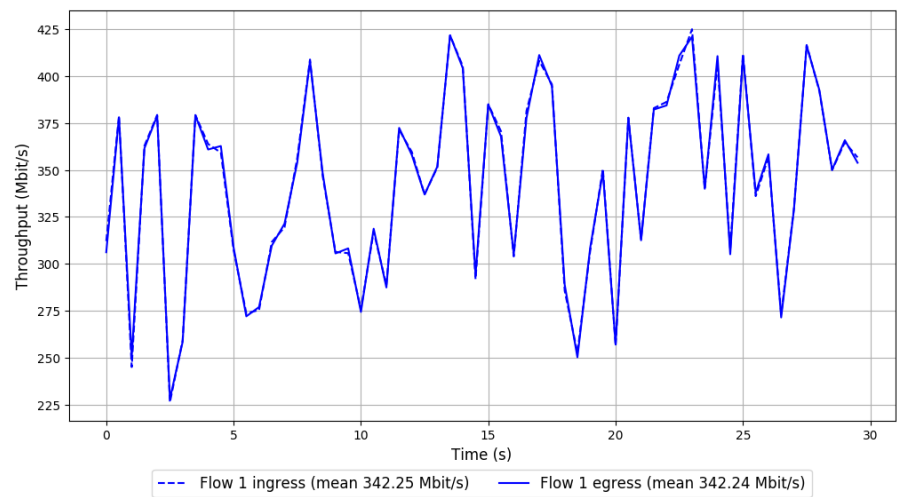
-- Flow 1:

Average throughput: 342.24 Mbit/s

95th percentile per-packet one-way delay: 4.066 ms

Loss rate: 0.02%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

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

End at: 2017-12-11 12:13:03

Local clock offset: -1.859 ms

Remote clock offset: 0.985 ms

Below is generated by plot.py at 2017-12-11 18:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 364.85 Mbit/s

95th percentile per-packet one-way delay: 4.030 ms

Loss rate: 0.03%

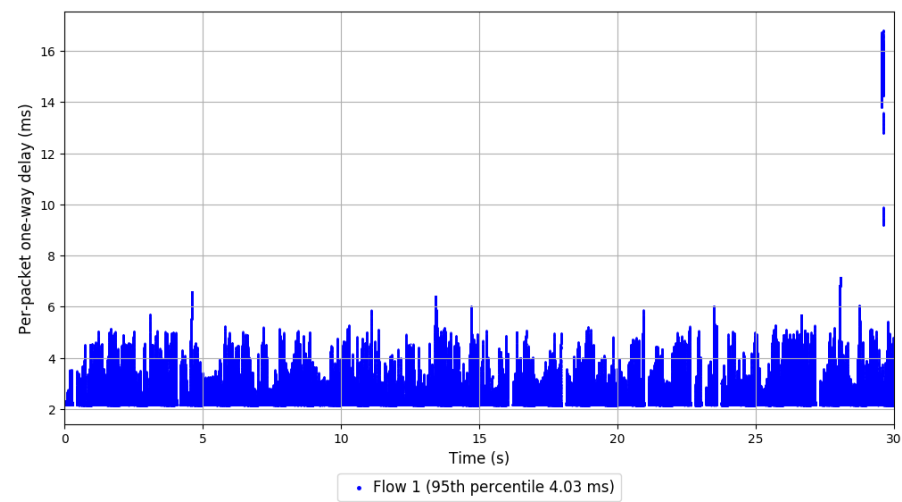
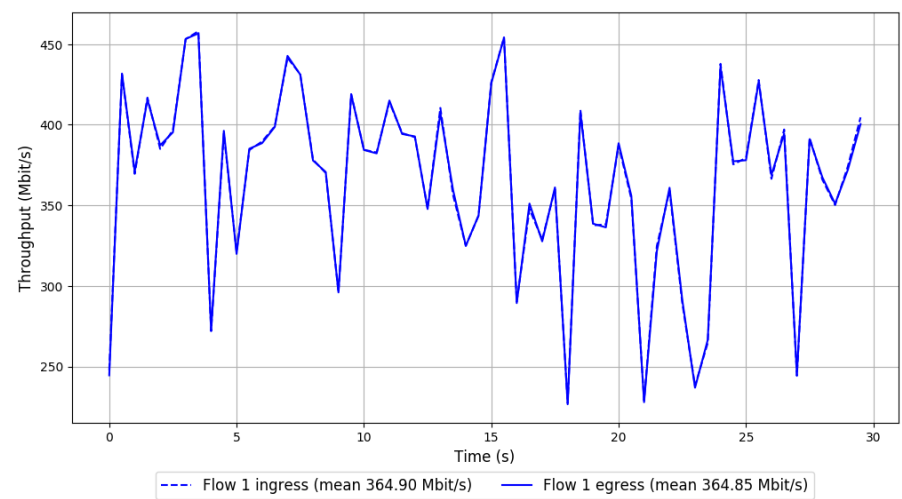
-- Flow 1:

Average throughput: 364.85 Mbit/s

95th percentile per-packet one-way delay: 4.030 ms

Loss rate: 0.03%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-12-11 12:30:50

End at: 2017-12-11 12:31:20

Local clock offset: -1.798 ms

Remote clock offset: 1.136 ms

Below is generated by plot.py at 2017-12-11 18:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 275.31 Mbit/s

95th percentile per-packet one-way delay: 3.995 ms

Loss rate: 0.01%

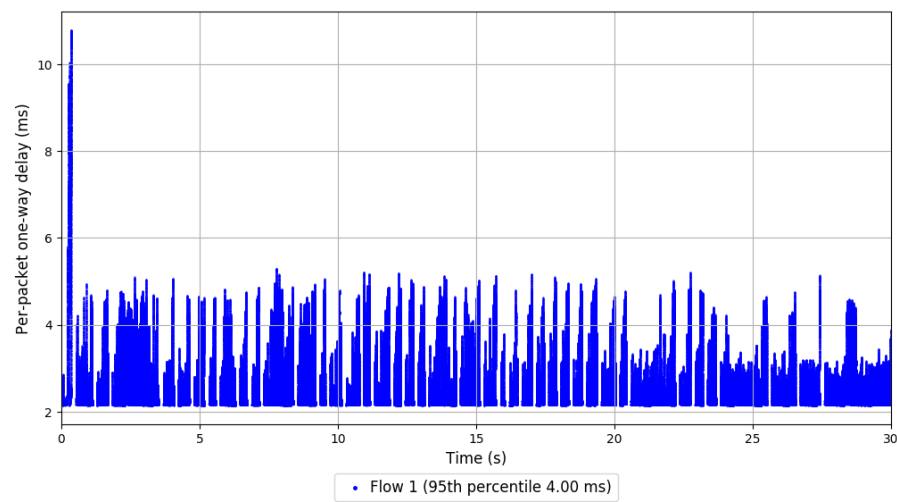
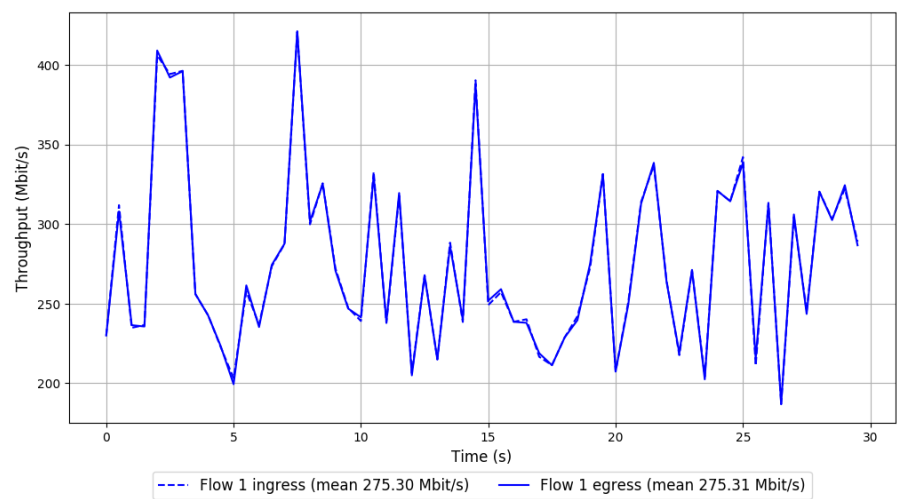
-- Flow 1:

Average throughput: 275.31 Mbit/s

95th percentile per-packet one-way delay: 3.995 ms

Loss rate: 0.01%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

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

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

Local clock offset: -1.802 ms

Remote clock offset: 1.133 ms

Below is generated by plot.py at 2017-12-11 18:17:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 313.65 Mbit/s

95th percentile per-packet one-way delay: 3.880 ms

Loss rate: 0.02%

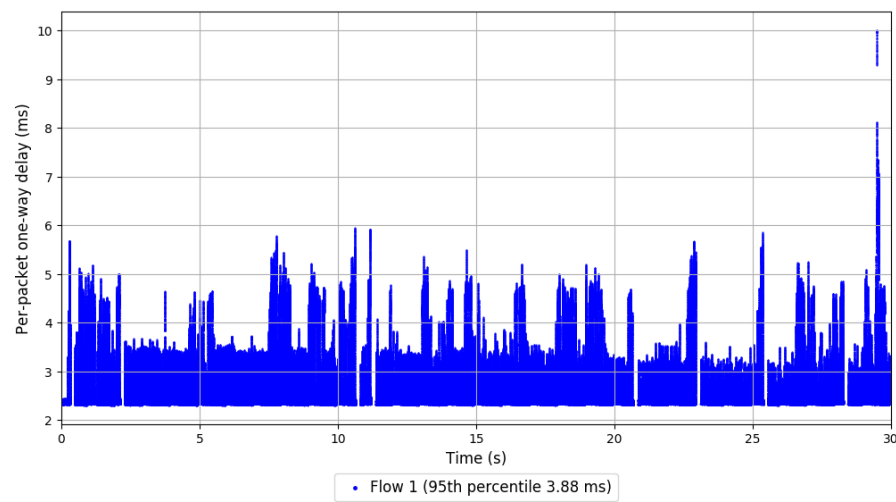
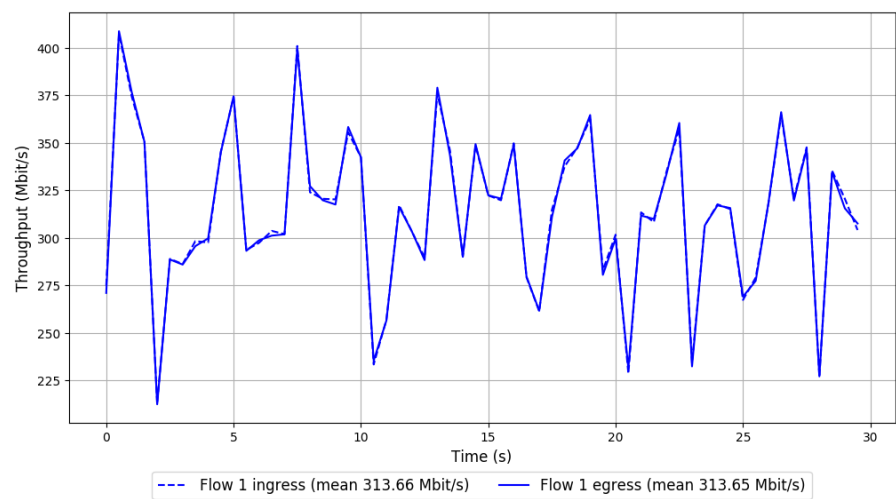
-- Flow 1:

Average throughput: 313.65 Mbit/s

95th percentile per-packet one-way delay: 3.880 ms

Loss rate: 0.02%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-12-11 13:07:02

End at: 2017-12-11 13:07:32

Local clock offset: -2.066 ms

Remote clock offset: 1.106 ms

Below is generated by plot.py at 2017-12-11 18:19:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 343.25 Mbit/s

95th percentile per-packet one-way delay: 2.865 ms

Loss rate: 0.00%

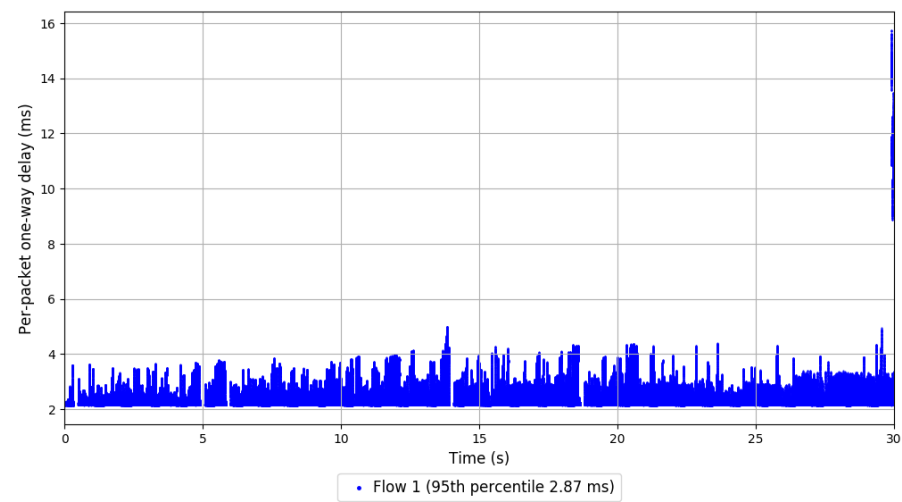
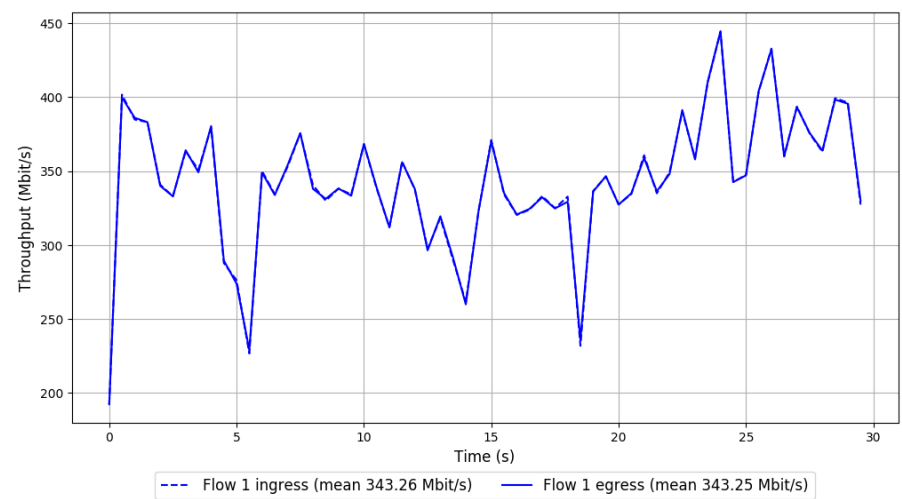
-- Flow 1:

Average throughput: 343.25 Mbit/s

95th percentile per-packet one-way delay: 2.865 ms

Loss rate: 0.00%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-12-11 13:25:06

End at: 2017-12-11 13:25:36

Local clock offset: -2.119 ms

Remote clock offset: 0.933 ms

Below is generated by plot.py at 2017-12-11 18:19:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 277.41 Mbit/s

95th percentile per-packet one-way delay: 3.781 ms

Loss rate: 0.02%

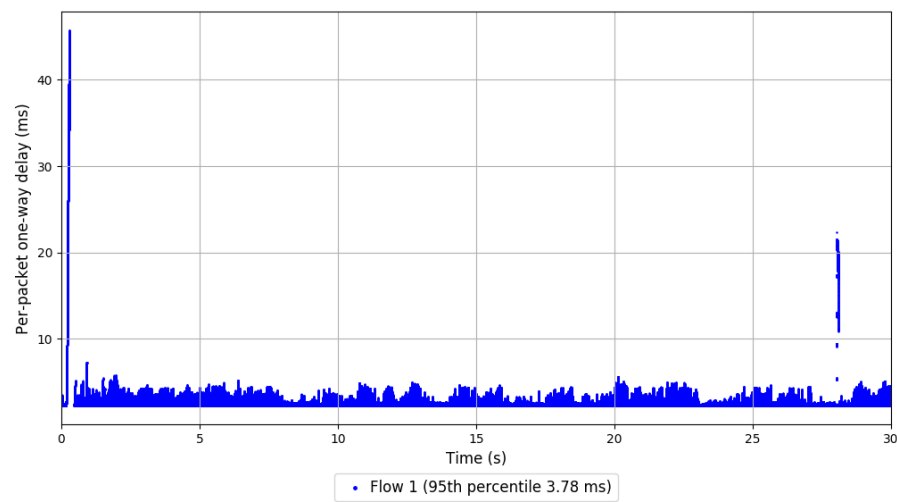
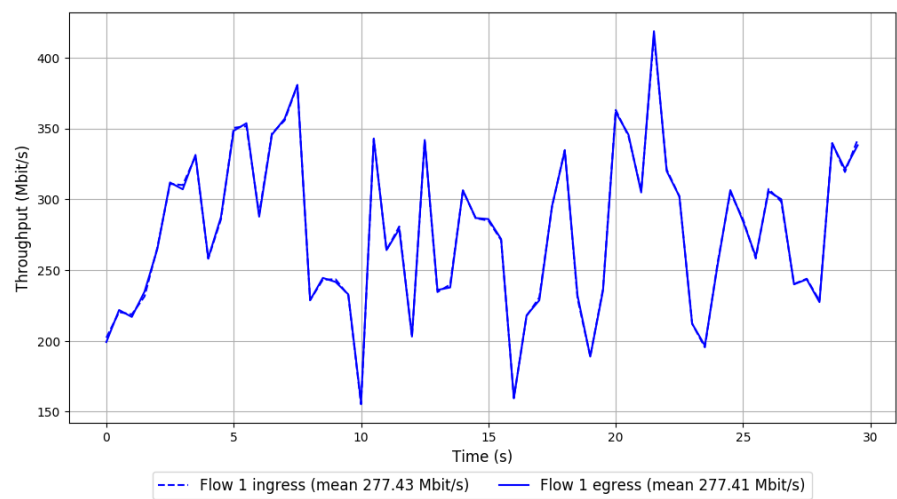
-- Flow 1:

Average throughput: 277.41 Mbit/s

95th percentile per-packet one-way delay: 3.781 ms

Loss rate: 0.02%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-12-11 13:43:08

End at: 2017-12-11 13:43:38

Local clock offset: -2.15 ms

Remote clock offset: 0.921 ms

Below is generated by plot.py at 2017-12-11 18:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 331.10 Mbit/s

95th percentile per-packet one-way delay: 4.039 ms

Loss rate: 0.02%

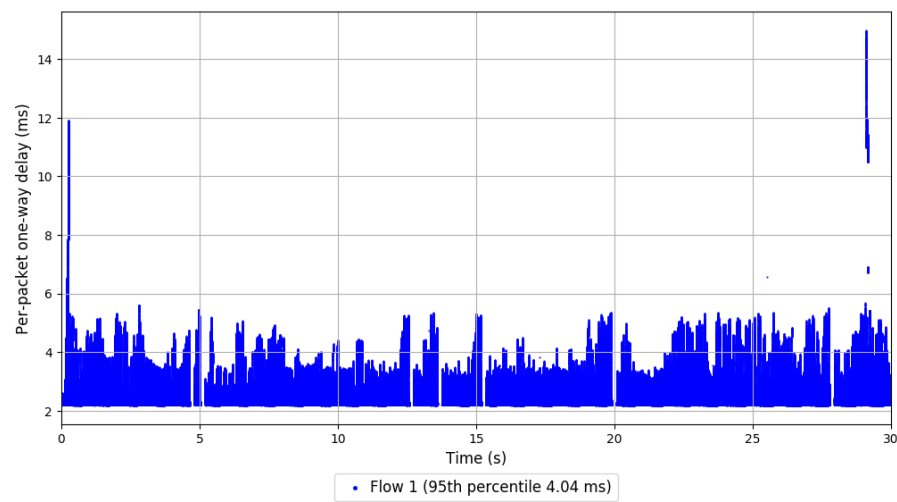
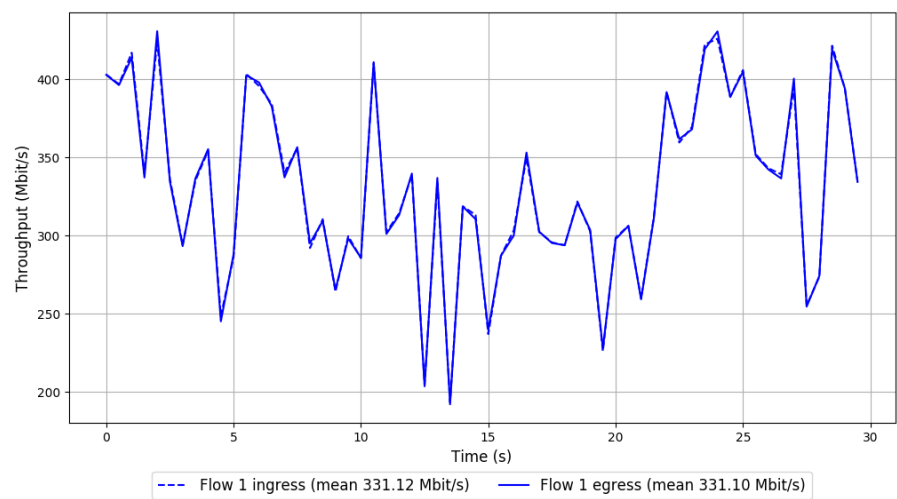
-- Flow 1:

Average throughput: 331.10 Mbit/s

95th percentile per-packet one-way delay: 4.039 ms

Loss rate: 0.02%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

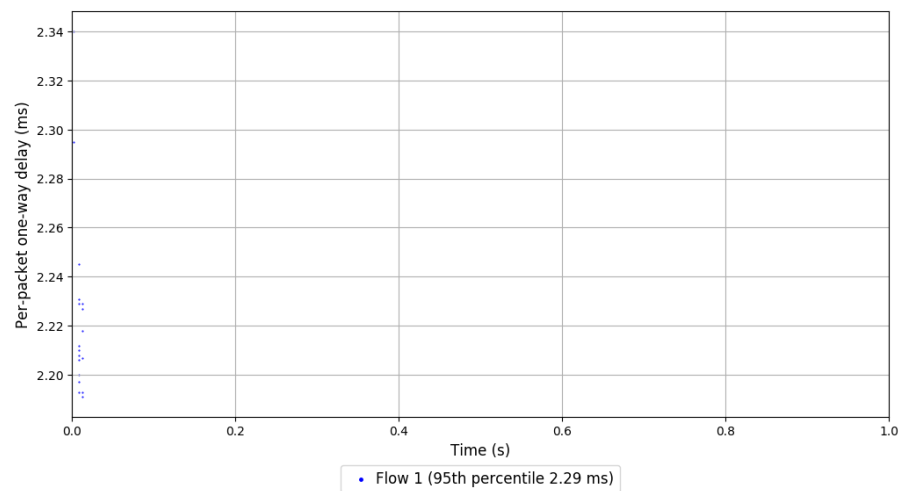
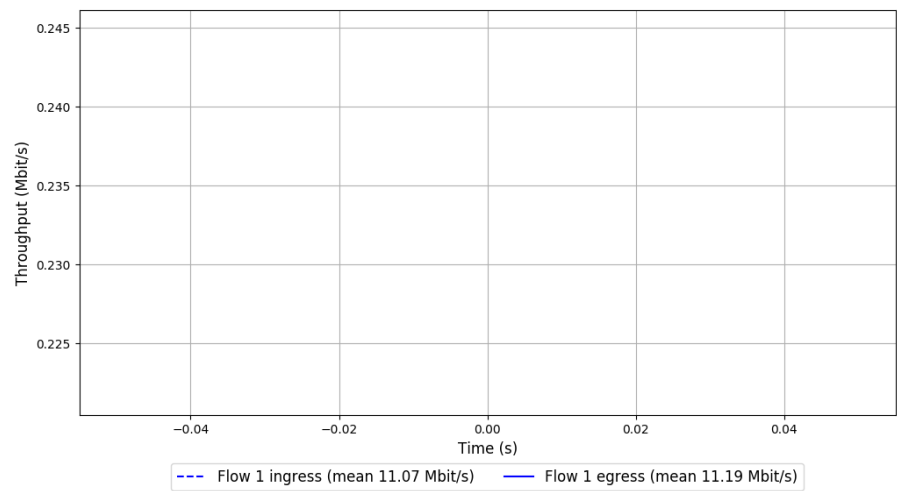
Start at: 2017-12-11 11:06:53

End at: 2017-12-11 11:07:23

Local clock offset: -2.603 ms

Remote clock offset: 0.063 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2017-12-11 11:24:55

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

Local clock offset: -2.181 ms

Remote clock offset: 0.334 ms

Below is generated by plot.py at 2017-12-11 18:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.34 Mbit/s

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

Loss rate: 0.01%

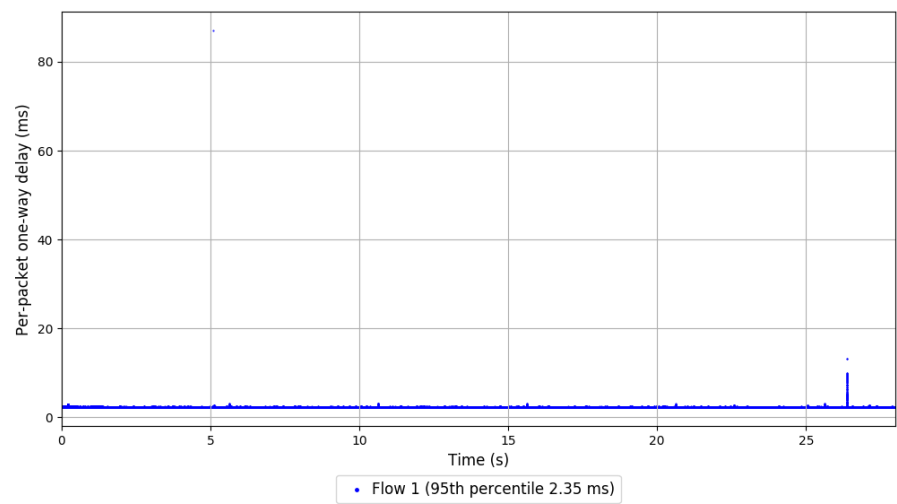
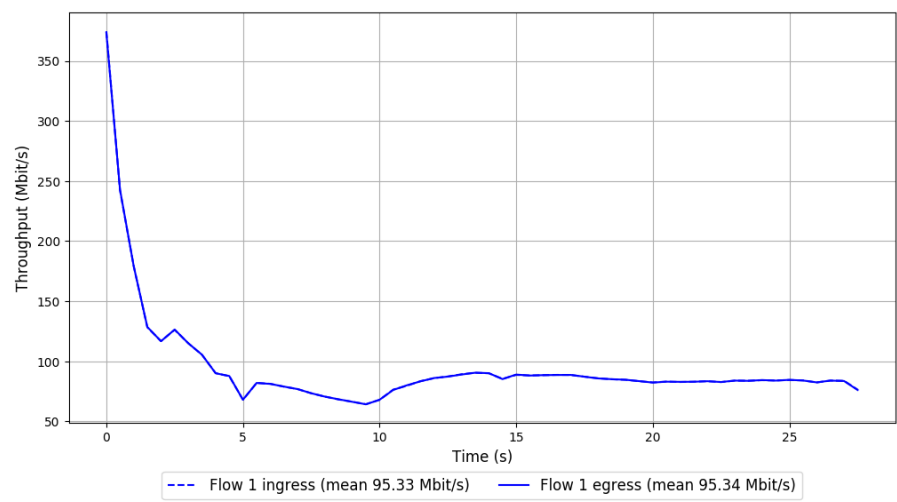
-- Flow 1:

Average throughput: 95.34 Mbit/s

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

Loss rate: 0.01%

Run 2: Report of Copa — Data Link

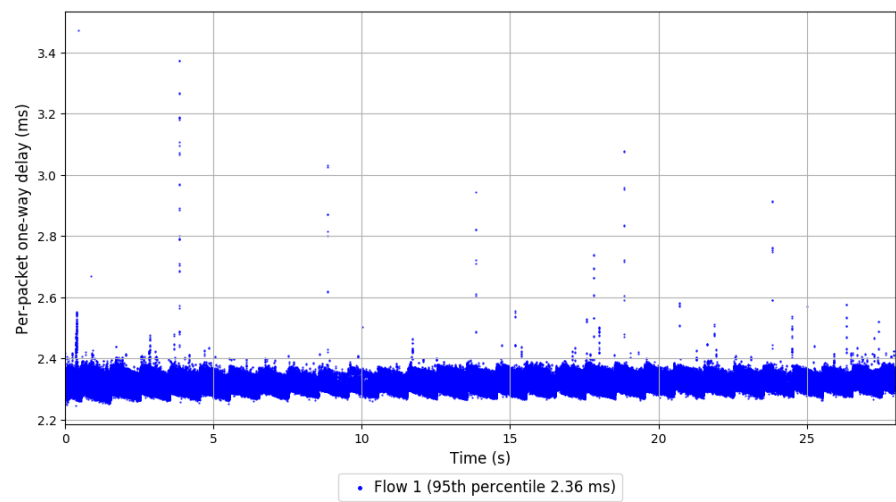
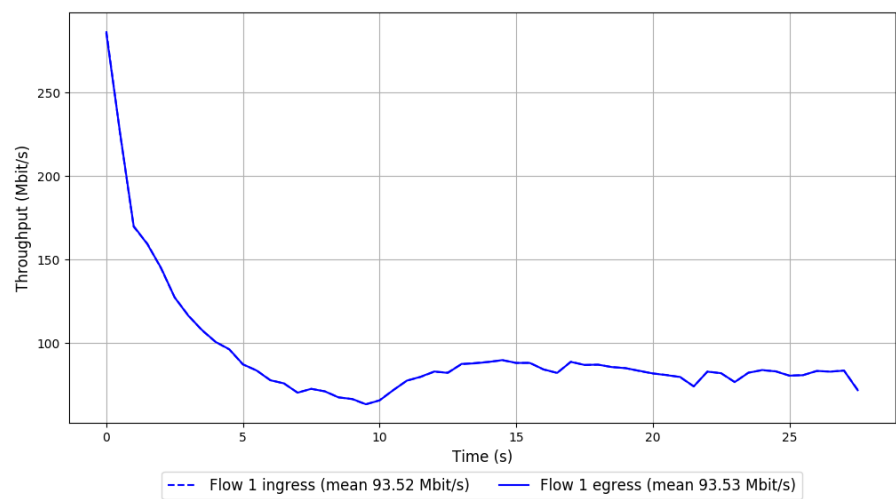


Run 3: Statistics of Copa

Start at: 2017-12-11 11:43:09
End at: 2017-12-11 11:43:39
Local clock offset: -2.049 ms
Remote clock offset: 0.628 ms

Below is generated by plot.py at 2017-12-11 18:19:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 2.357 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.53 Mbit/s
95th percentile per-packet one-way delay: 2.357 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

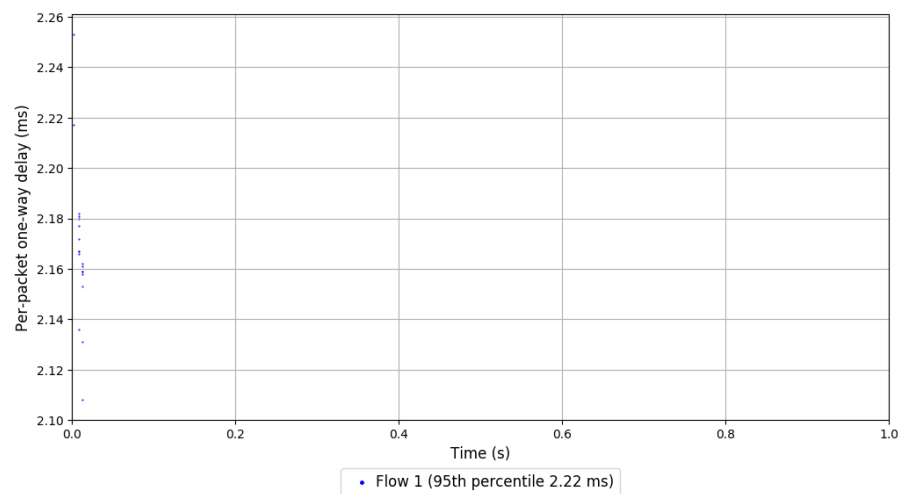
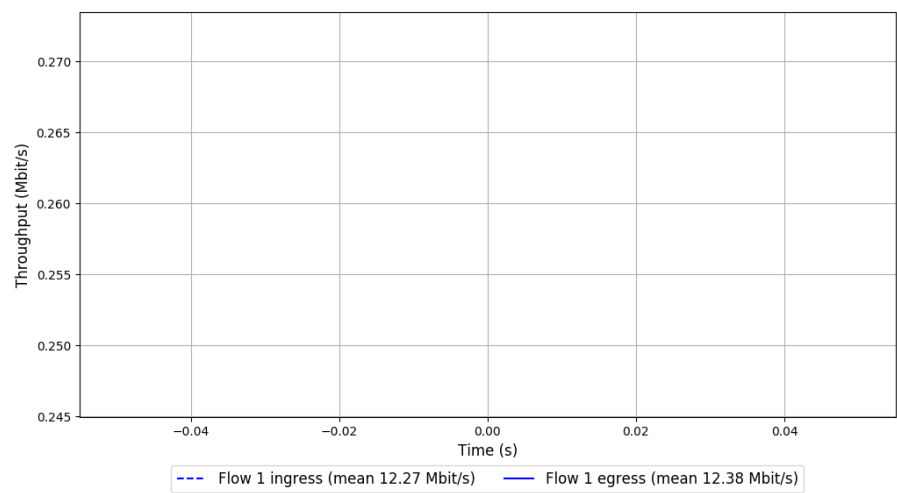
Start at: 2017-12-11 12:01:30

End at: 2017-12-11 12:02:00

Local clock offset: -2.071 ms

Remote clock offset: 0.933 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-12-11 12:19:40

End at: 2017-12-11 12:20:10

Local clock offset: -1.743 ms

Remote clock offset: 1.049 ms

Below is generated by plot.py at 2017-12-11 18:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.06 Mbit/s

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

Loss rate: 0.02%

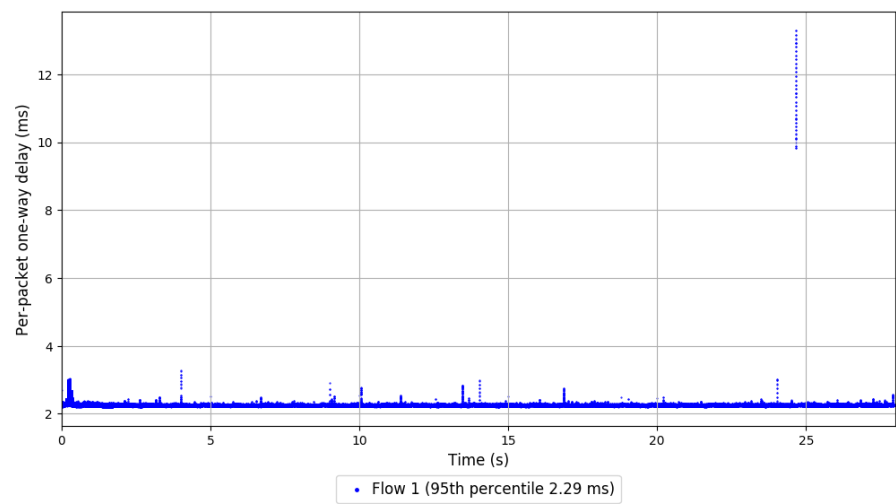
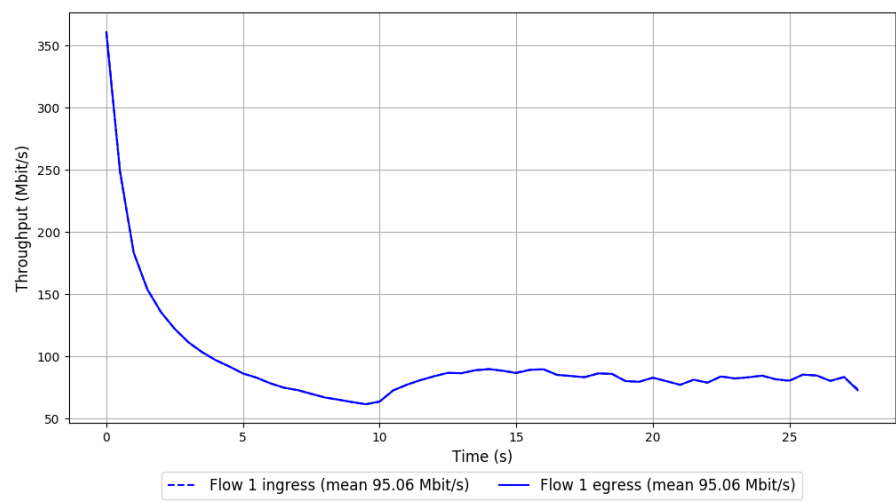
-- Flow 1:

Average throughput: 95.06 Mbit/s

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

Loss rate: 0.02%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-12-11 12:37:54

End at: 2017-12-11 12:38:24

Local clock offset: -1.726 ms

Remote clock offset: 1.153 ms

Below is generated by plot.py at 2017-12-11 18:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 2.347 ms

Loss rate: 0.01%

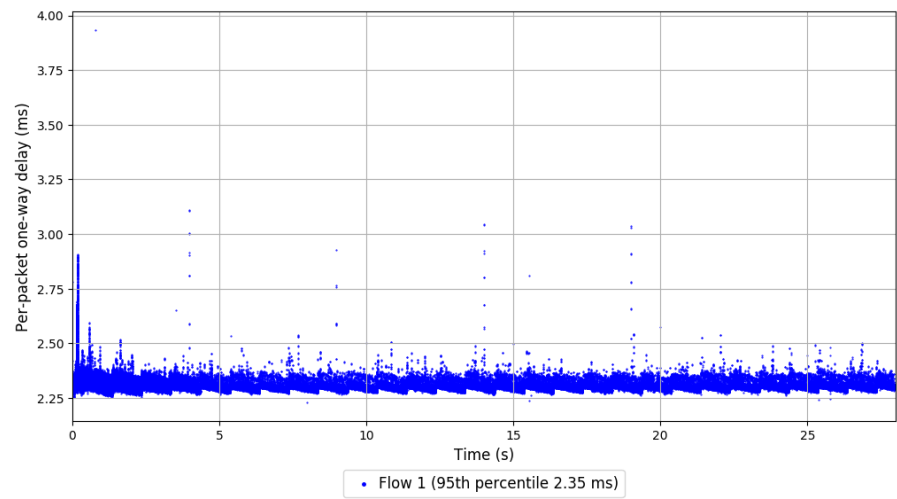
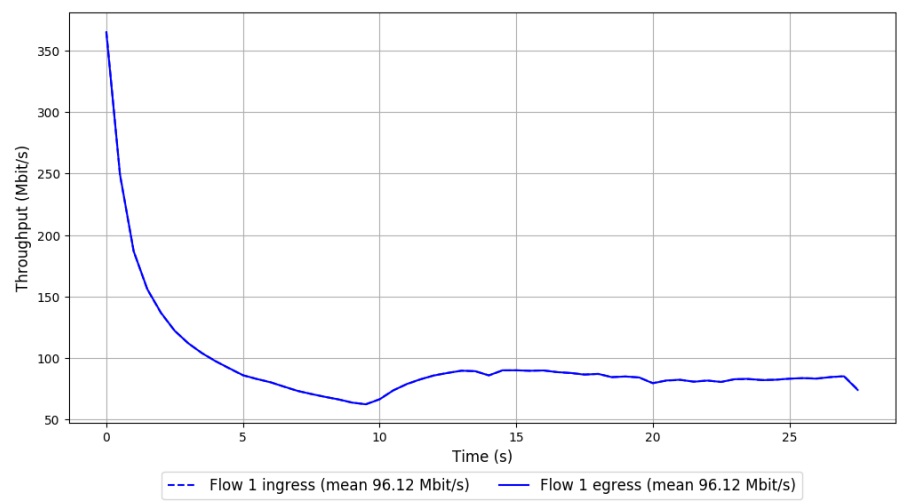
-- Flow 1:

Average throughput: 96.12 Mbit/s

95th percentile per-packet one-way delay: 2.347 ms

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-12-11 12:55:56

End at: 2017-12-11 12:56:26

Local clock offset: -1.871 ms

Remote clock offset: 1.137 ms

Below is generated by plot.py at 2017-12-11 18:20:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 2.354 ms

Loss rate: 0.01%

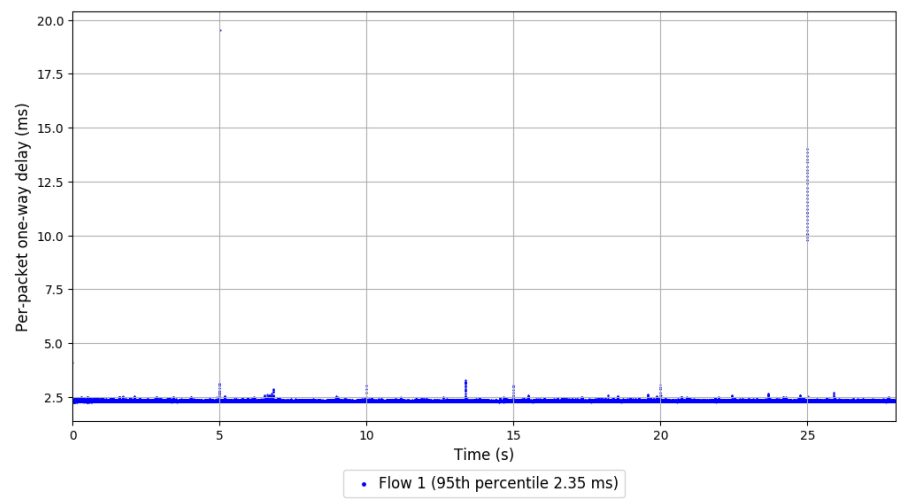
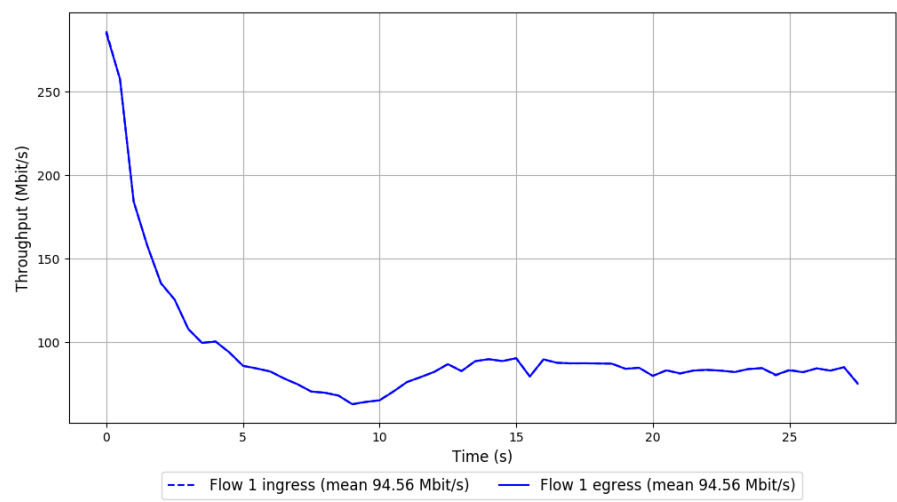
-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 2.354 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-12-11 13:14:06

End at: 2017-12-11 13:14:36

Local clock offset: -2.045 ms

Remote clock offset: 0.996 ms

Below is generated by plot.py at 2017-12-11 18:20:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.31 Mbit/s

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

Loss rate: 0.01%

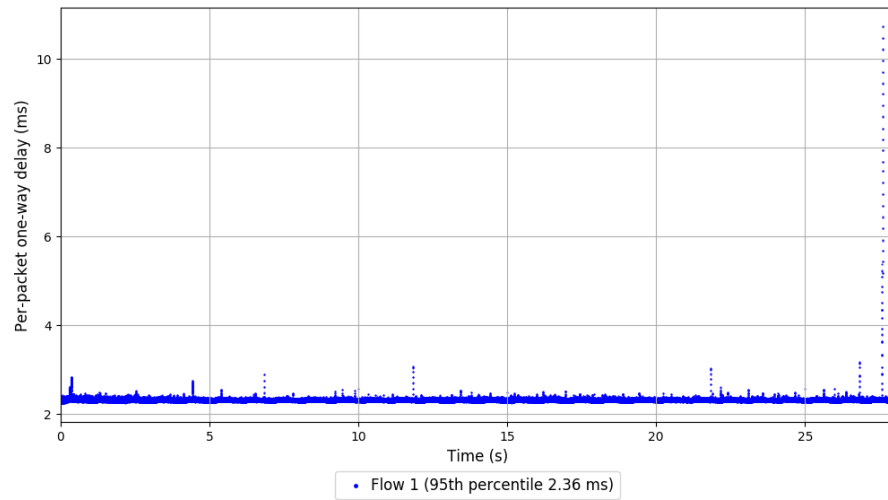
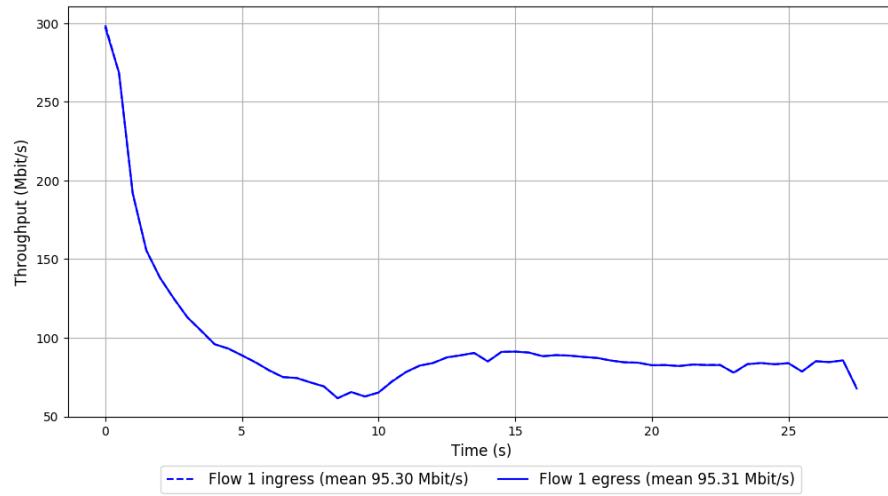
-- Flow 1:

Average throughput: 95.31 Mbit/s

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

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-12-11 13:32:04

End at: 2017-12-11 13:32:34

Local clock offset: -2.268 ms

Remote clock offset: 0.936 ms

Below is generated by plot.py at 2017-12-11 18:21:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.24 Mbit/s

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

Loss rate: 0.02%

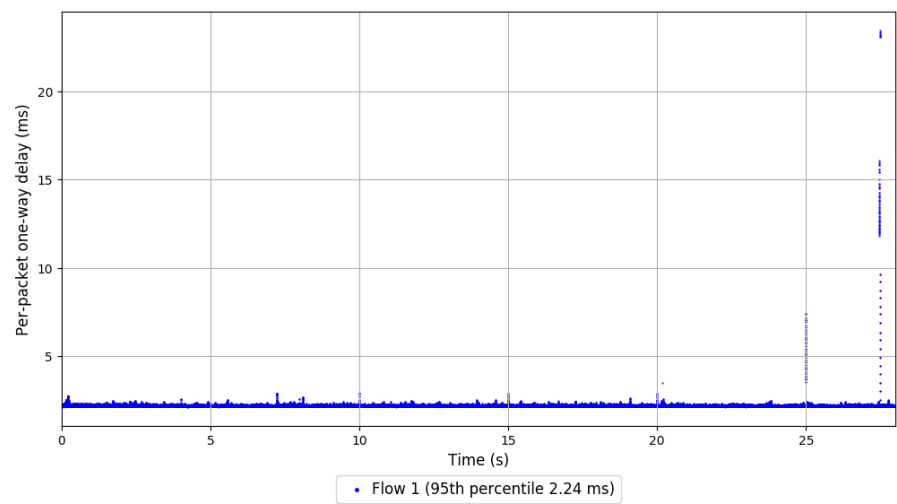
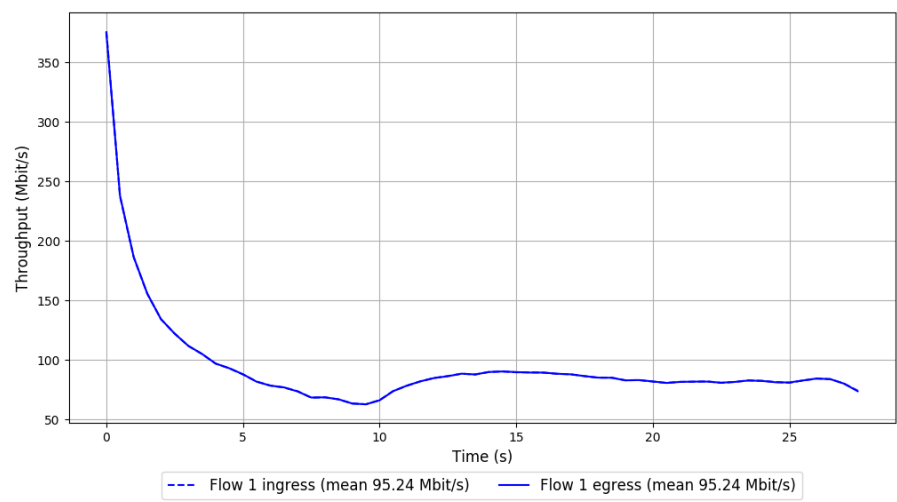
-- Flow 1:

Average throughput: 95.24 Mbit/s

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

Loss rate: 0.02%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-12-11 13:50:11

End at: 2017-12-11 13:50:41

Local clock offset: -2.104 ms

Remote clock offset: 0.808 ms

Below is generated by plot.py at 2017-12-11 18:21:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.69 Mbit/s

95th percentile per-packet one-way delay: 2.362 ms

Loss rate: 0.01%

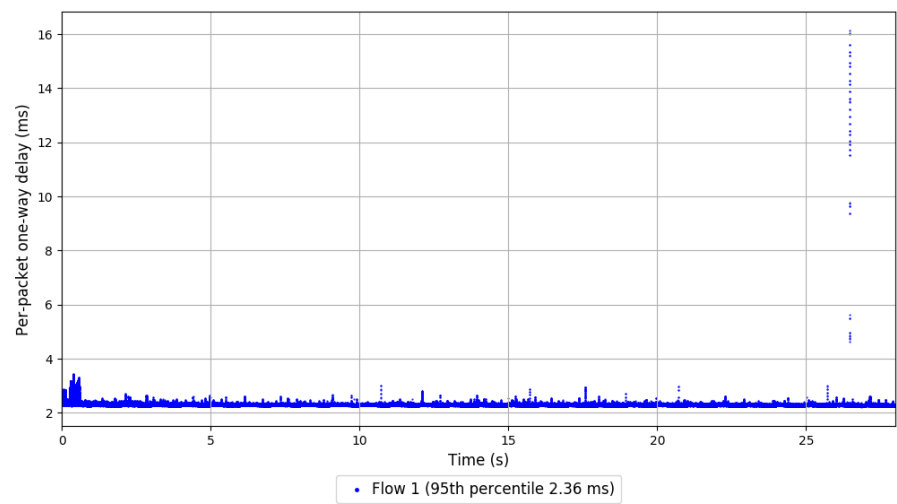
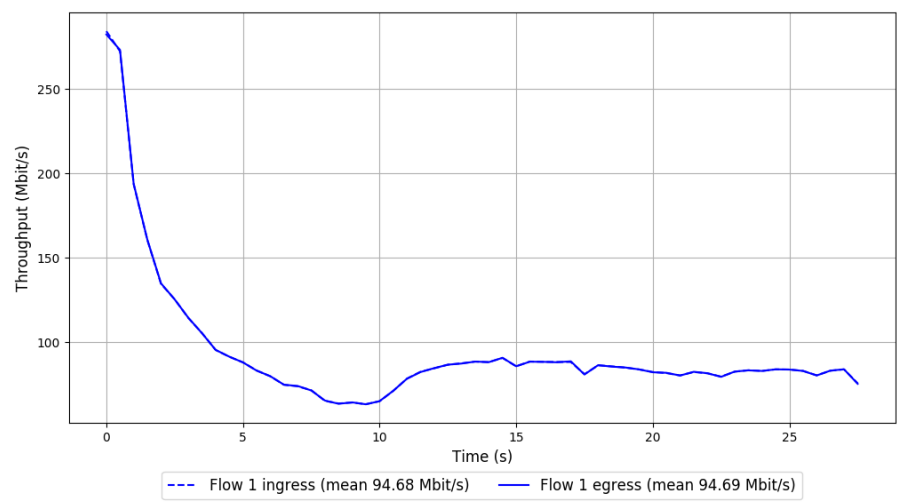
-- Flow 1:

Average throughput: 94.69 Mbit/s

95th percentile per-packet one-way delay: 2.362 ms

Loss rate: 0.01%

Run 10: Report of Copa — Data Link

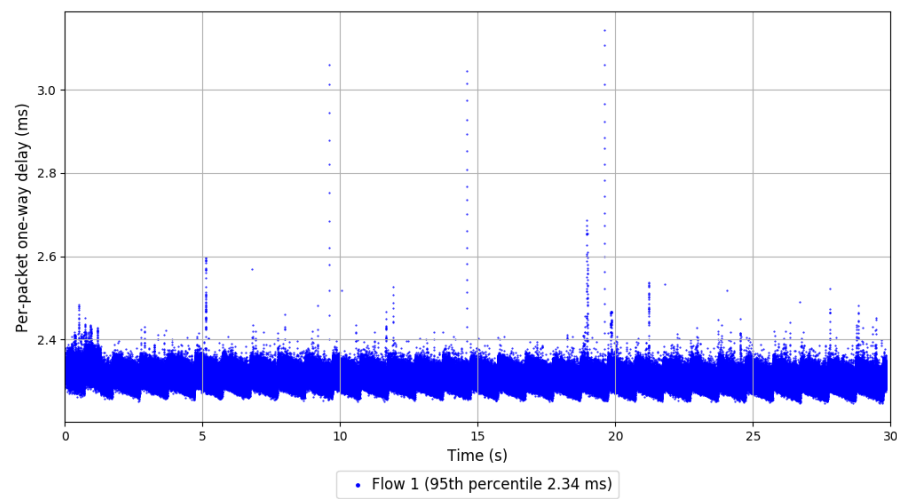
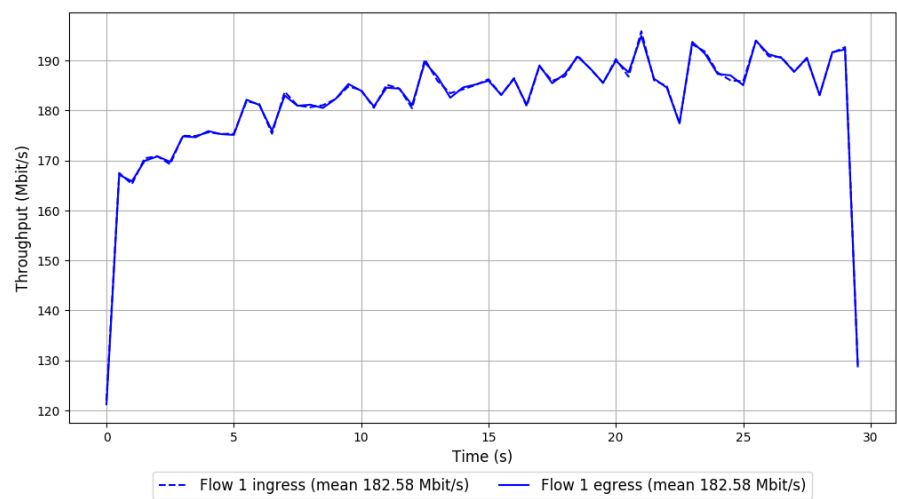


```
Run 1: Statistics of Indigo

Start at: 2017-12-11 11:04:01
End at: 2017-12-11 11:04:31
Local clock offset: -2.609 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2017-12-11 18:21:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 182.58 Mbit/s
95th percentile per-packet one-way delay: 2.343 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 182.58 Mbit/s
95th percentile per-packet one-way delay: 2.343 ms
Loss rate: 0.01%
```


Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2017-12-11 11:22:03

End at: 2017-12-11 11:22:33

Local clock offset: -2.244 ms

Remote clock offset: 0.365 ms

Below is generated by plot.py at 2017-12-11 18:22:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.01 Mbit/s

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

Loss rate: 0.02%

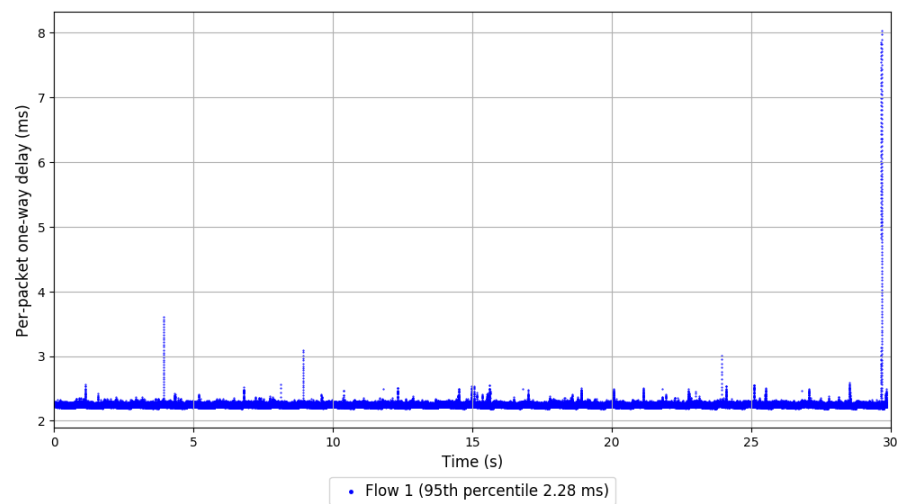
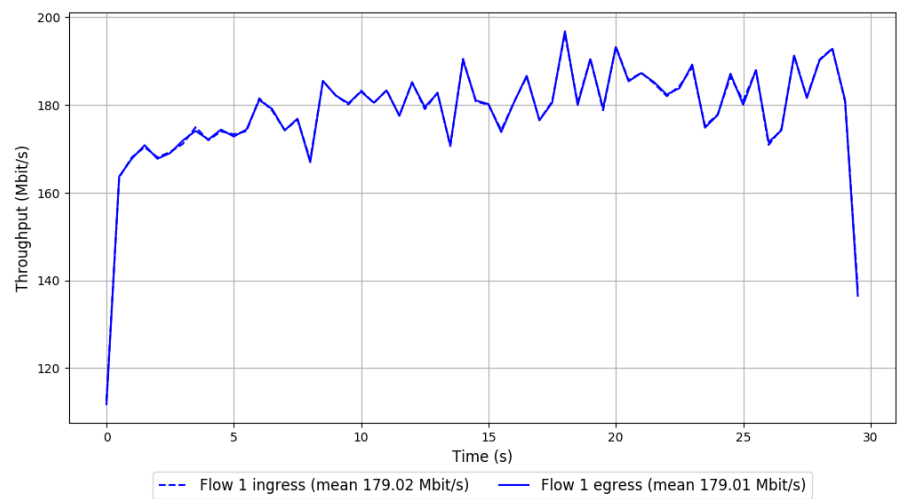
-- Flow 1:

Average throughput: 179.01 Mbit/s

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

Loss rate: 0.02%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-12-11 11:40:17

End at: 2017-12-11 11:40:47

Local clock offset: -2.03 ms

Remote clock offset: 0.642 ms

Below is generated by plot.py at 2017-12-11 18:22:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.70 Mbit/s

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

Loss rate: 0.01%

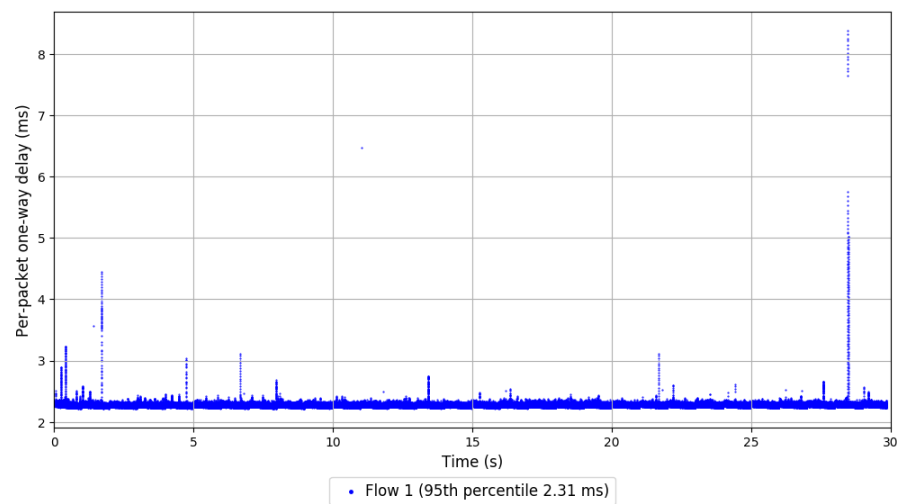
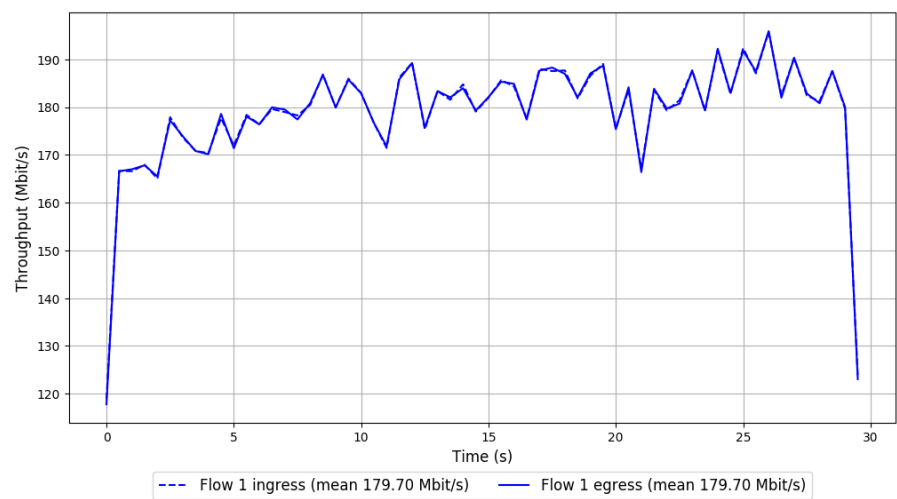
-- Flow 1:

Average throughput: 179.70 Mbit/s

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

Loss rate: 0.01%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-12-11 11:58:39

End at: 2017-12-11 11:59:09

Local clock offset: -2.113 ms

Remote clock offset: 0.817 ms

Below is generated by plot.py at 2017-12-11 18:22:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.52 Mbit/s

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

Loss rate: 0.02%

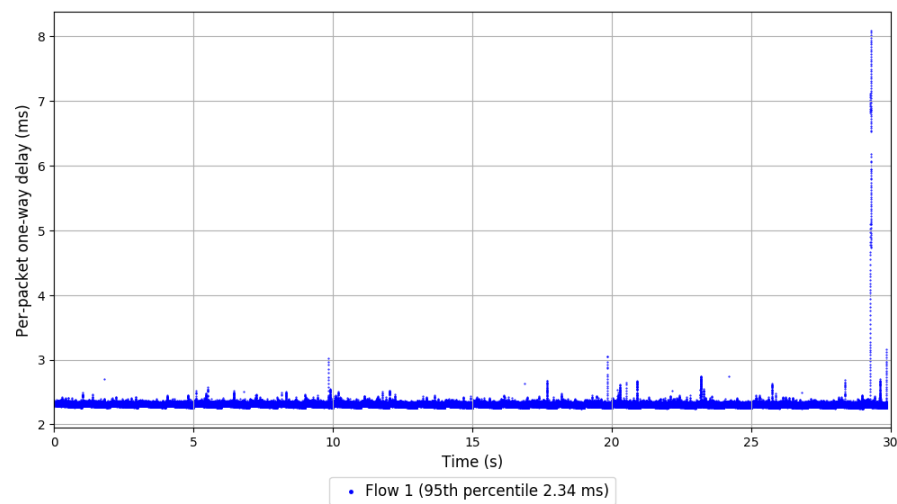
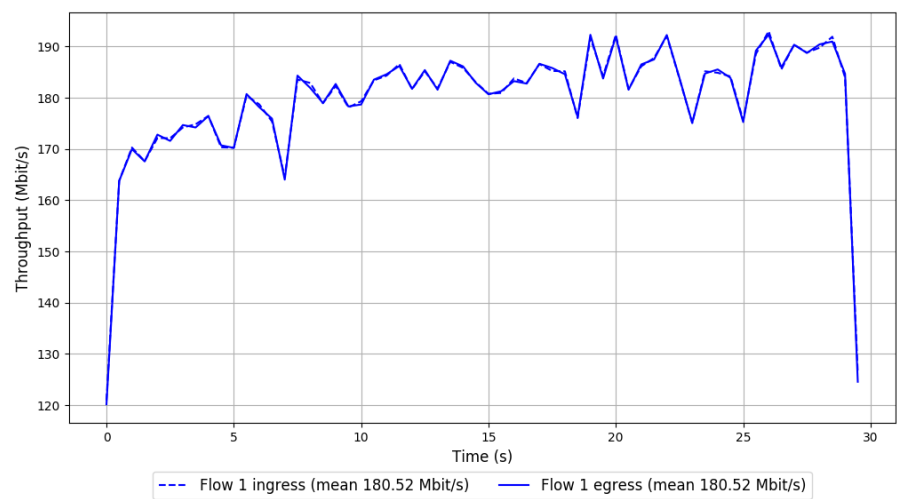
-- Flow 1:

Average throughput: 180.52 Mbit/s

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

Loss rate: 0.02%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-12-11 12:16:49

End at: 2017-12-11 12:17:19

Local clock offset: -1.837 ms

Remote clock offset: 1.023 ms

Below is generated by plot.py at 2017-12-11 18:22:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.64 Mbit/s

95th percentile per-packet one-way delay: 2.216 ms

Loss rate: 0.02%

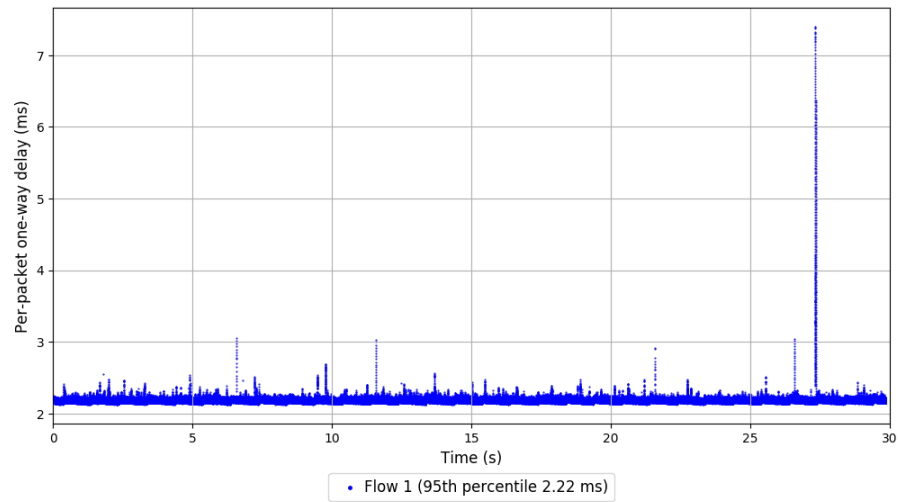
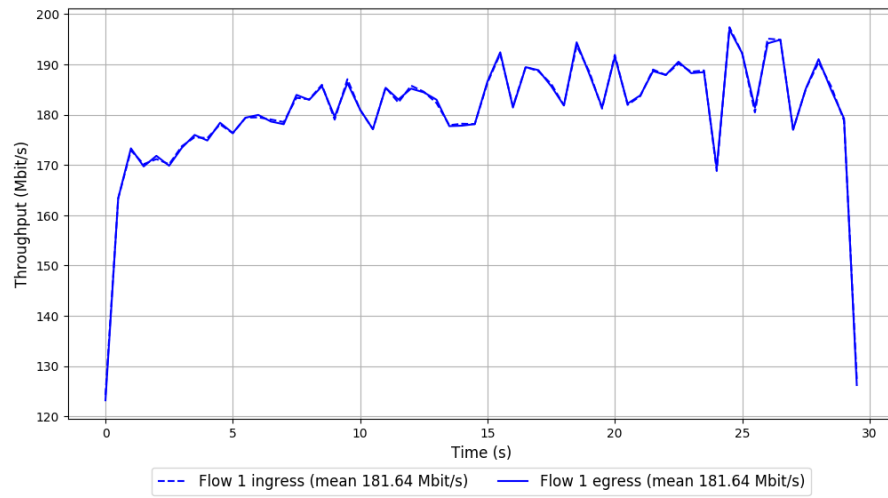
-- Flow 1:

Average throughput: 181.64 Mbit/s

95th percentile per-packet one-way delay: 2.216 ms

Loss rate: 0.02%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-12-11 12:35:03

End at: 2017-12-11 12:35:33

Local clock offset: -1.748 ms

Remote clock offset: 1.116 ms

Below is generated by plot.py at 2017-12-11 18:23:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 182.40 Mbit/s

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

Loss rate: 0.02%

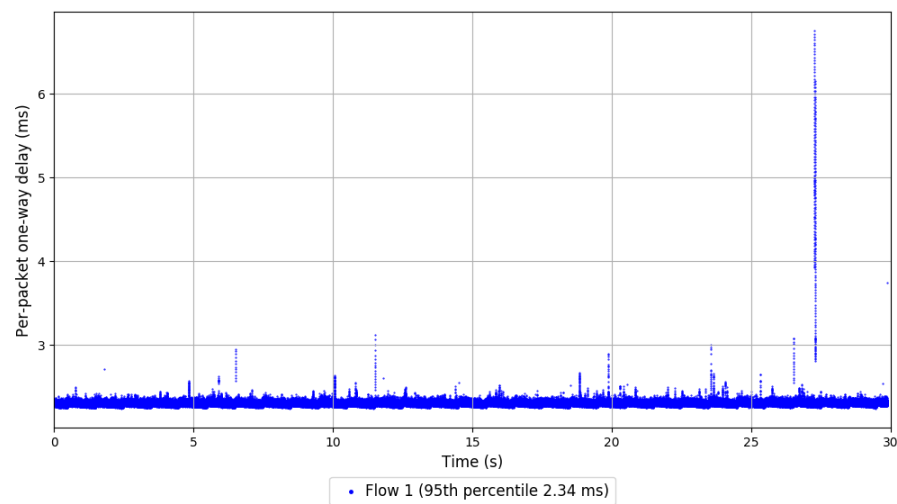
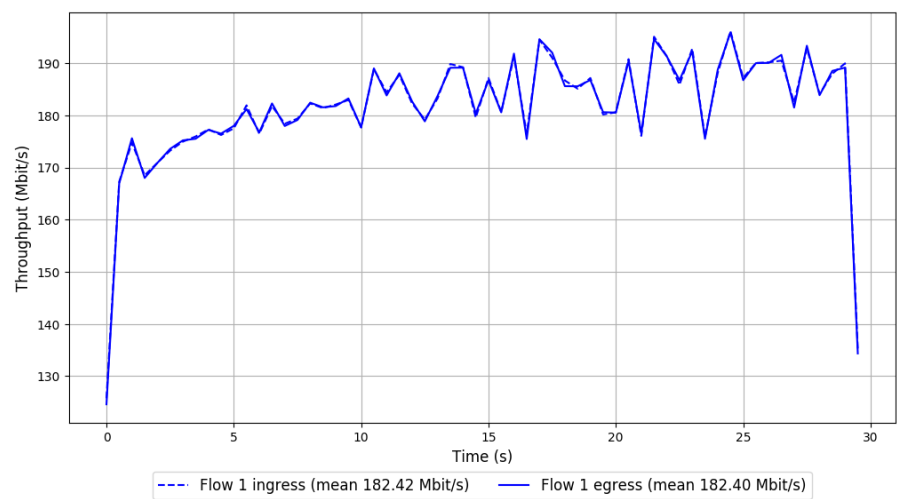
-- Flow 1:

Average throughput: 182.40 Mbit/s

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

Loss rate: 0.02%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-12-11 12:53:04

End at: 2017-12-11 12:53:34

Local clock offset: -1.869 ms

Remote clock offset: 1.128 ms

Below is generated by plot.py at 2017-12-11 18:23:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.94 Mbit/s

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

Loss rate: 0.02%

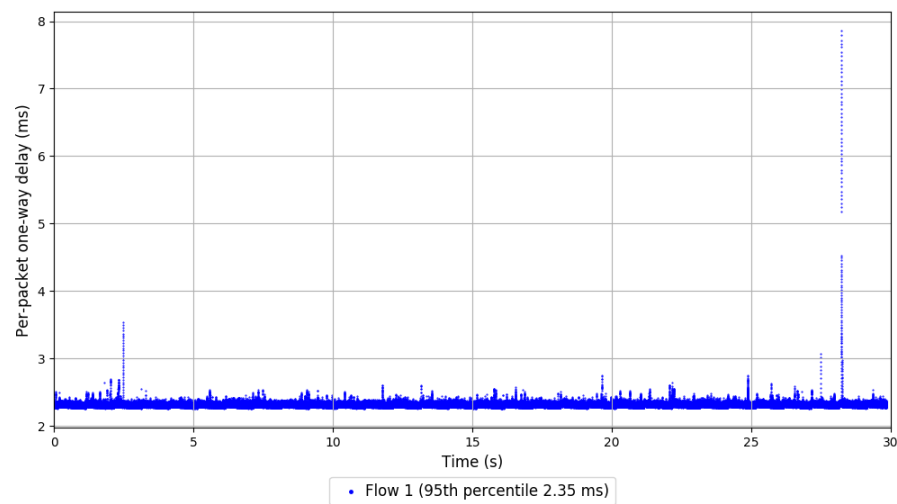
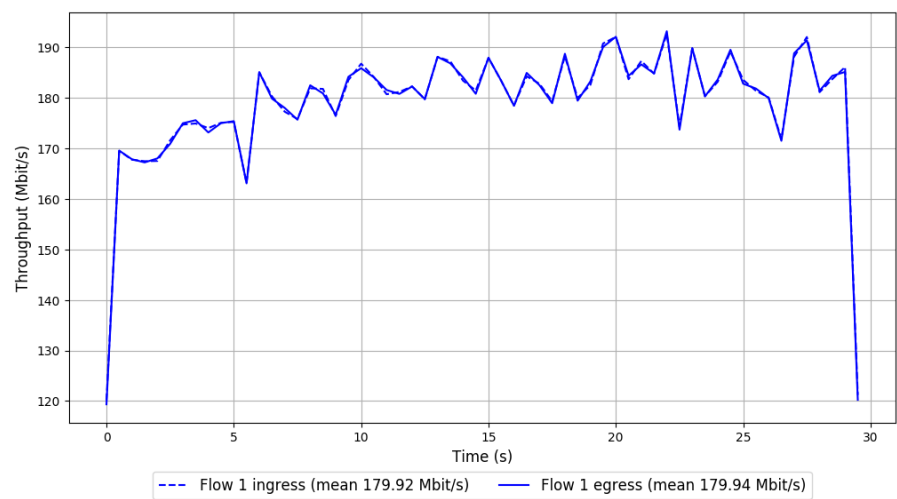
-- Flow 1:

Average throughput: 179.94 Mbit/s

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

Loss rate: 0.02%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-12-11 13:11:14

End at: 2017-12-11 13:11:44

Local clock offset: -2.081 ms

Remote clock offset: 1.081 ms

Below is generated by plot.py at 2017-12-11 18:23:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.02 Mbit/s

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

Loss rate: 0.01%

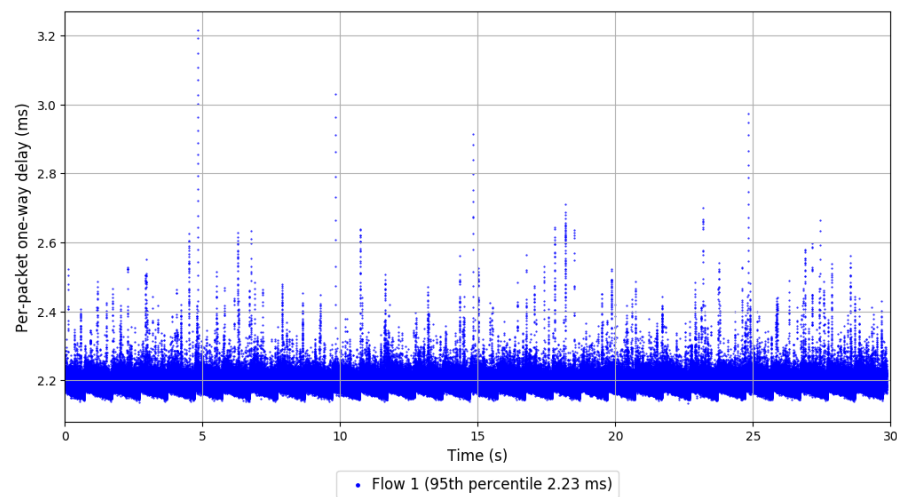
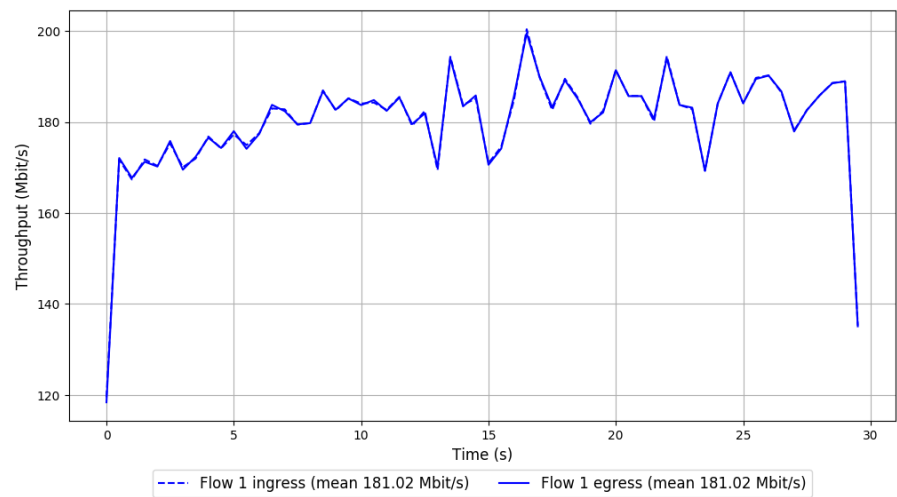
-- Flow 1:

Average throughput: 181.02 Mbit/s

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

Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-12-11 13:29:15

End at: 2017-12-11 13:29:45

Local clock offset: -2.166 ms

Remote clock offset: 0.97 ms

Below is generated by plot.py at 2017-12-11 18:24:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.27 Mbit/s

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

Loss rate: 0.02%

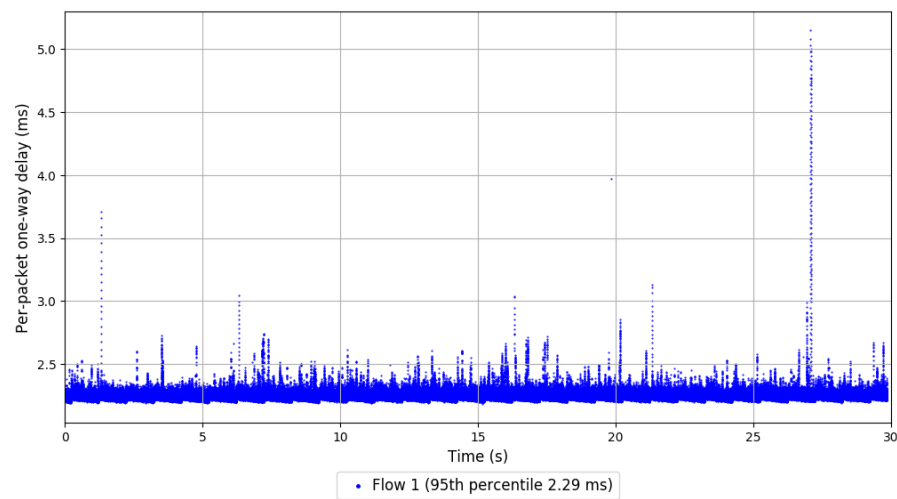
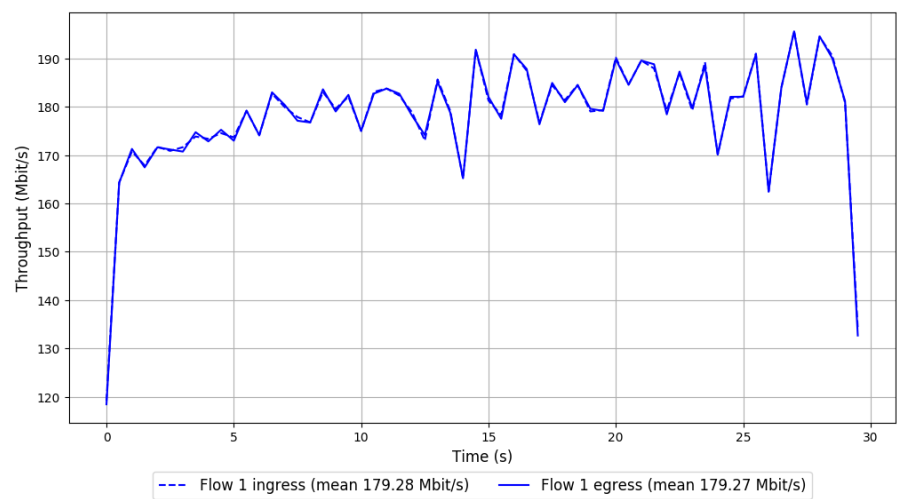
-- Flow 1:

Average throughput: 179.27 Mbit/s

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

Loss rate: 0.02%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-12-11 13:47:20

End at: 2017-12-11 13:47:50

Local clock offset: -2.124 ms

Remote clock offset: 0.886 ms

Below is generated by plot.py at 2017-12-11 18:24:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.71 Mbit/s

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

Loss rate: 0.02%

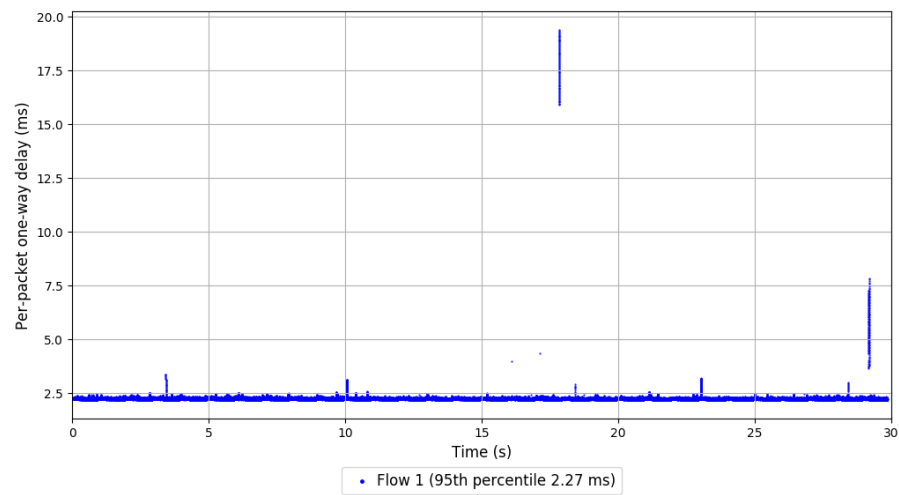
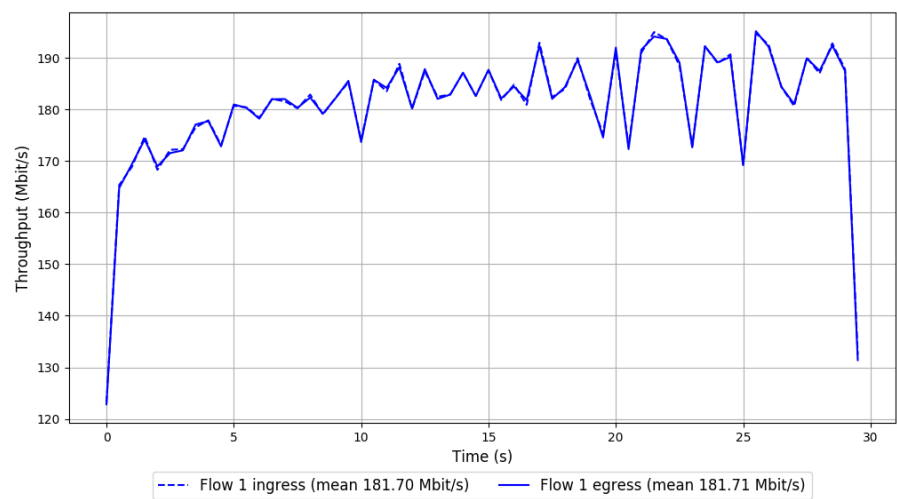
-- Flow 1:

Average throughput: 181.71 Mbit/s

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

Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

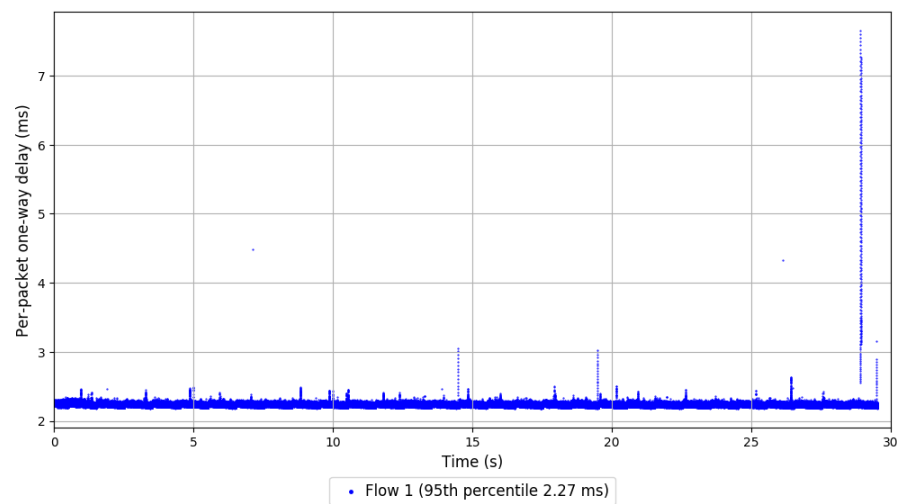
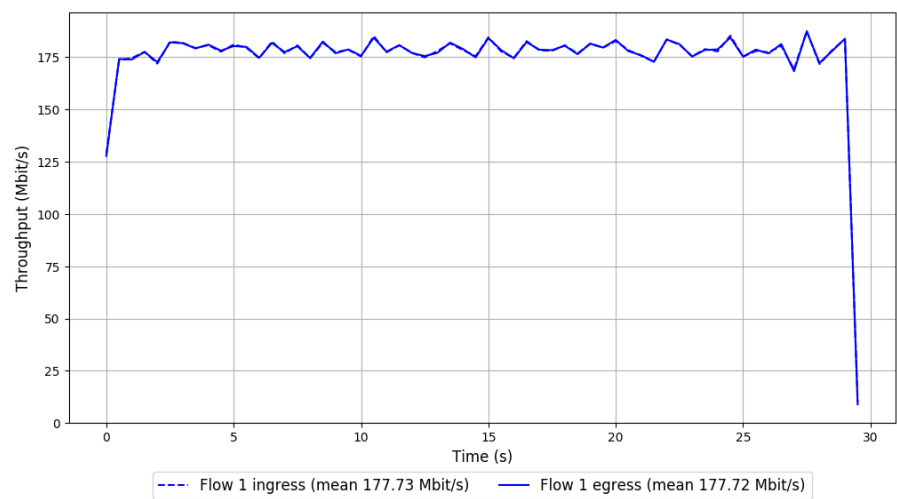


```
Run 1: Statistics of Indigo-calib

Start at: 2017-12-11 10:49:47
End at: 2017-12-11 10:50:17
Local clock offset: -2.685 ms
Remote clock offset: -0.077 ms

# Below is generated by plot.py at 2017-12-11 18:24:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 177.72 Mbit/s
95th percentile per-packet one-way delay: 2.271 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 177.72 Mbit/s
95th percentile per-packet one-way delay: 2.271 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo-calib — Data Link

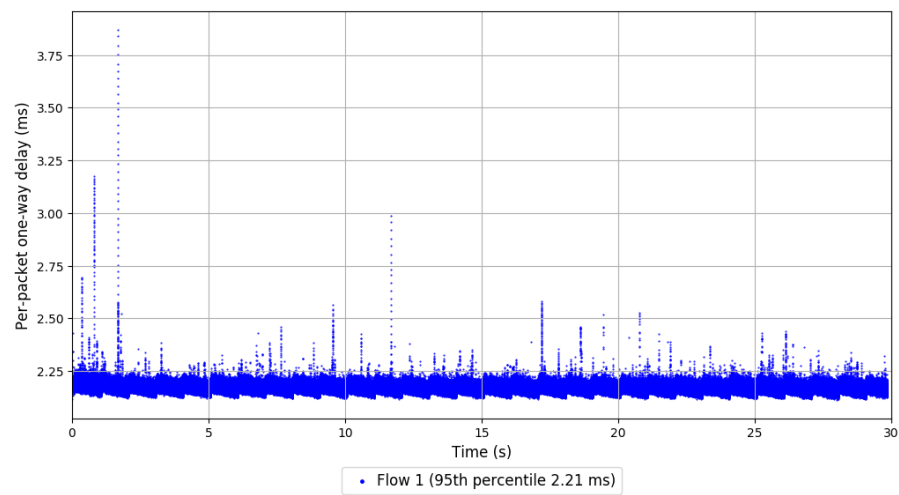
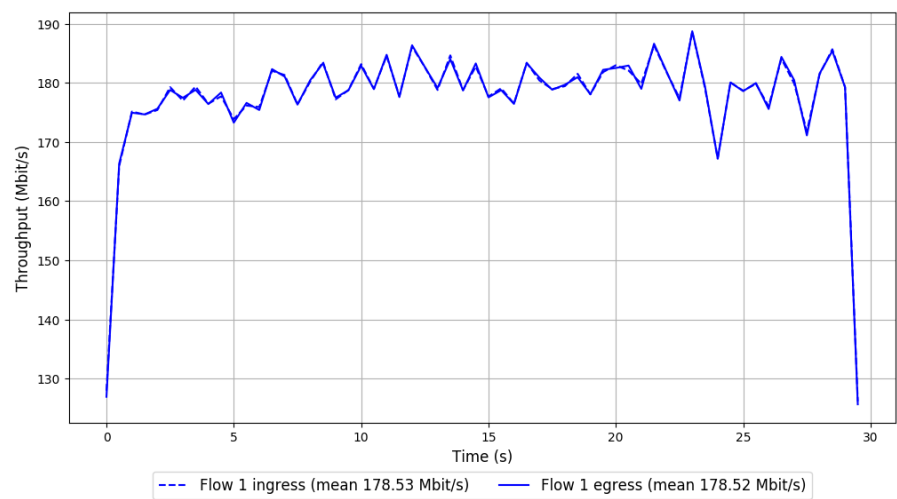


```
Run 2: Statistics of Indigo-calib

Start at: 2017-12-11 11:07:57
End at: 2017-12-11 11:08:27
Local clock offset: -2.574 ms
Remote clock offset: 0.132 ms

# Below is generated by plot.py at 2017-12-11 18:25:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 178.52 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 178.52 Mbit/s
95th percentile per-packet one-way delay: 2.209 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo-calib — Data Link



Run 3: Statistics of Indigo-calib

Start at: 2017-12-11 11:26:06

End at: 2017-12-11 11:26:36

Local clock offset: -2.179 ms

Remote clock offset: 0.356 ms

Below is generated by plot.py at 2017-12-11 18:25:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 177.95 Mbit/s

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

Loss rate: 0.02%

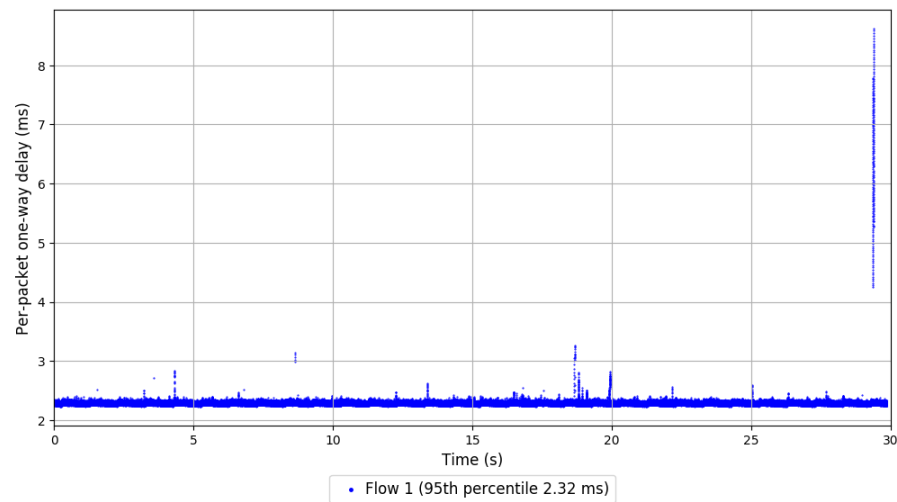
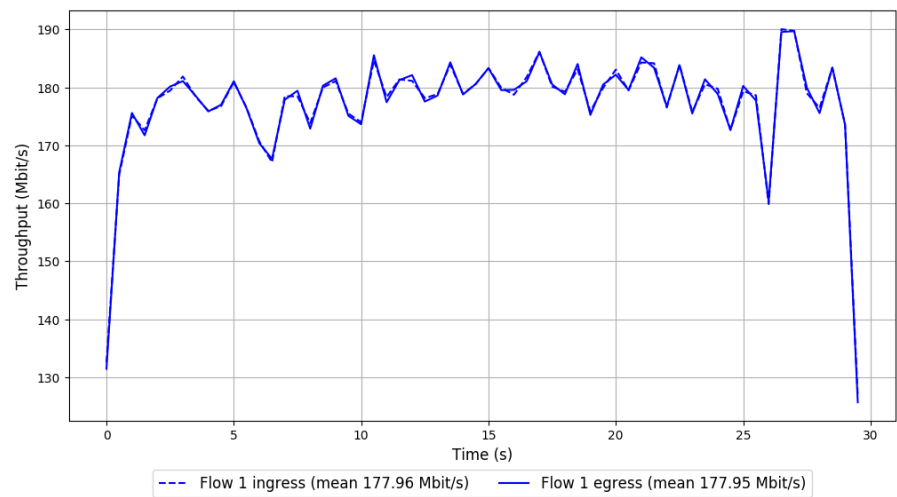
-- Flow 1:

Average throughput: 177.95 Mbit/s

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

Loss rate: 0.02%

Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-12-11 11:44:20

End at: 2017-12-11 11:44:50

Local clock offset: -2.047 ms

Remote clock offset: 0.75 ms

Below is generated by plot.py at 2017-12-11 18:25:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.71 Mbit/s

95th percentile per-packet one-way delay: 2.264 ms

Loss rate: 0.02%

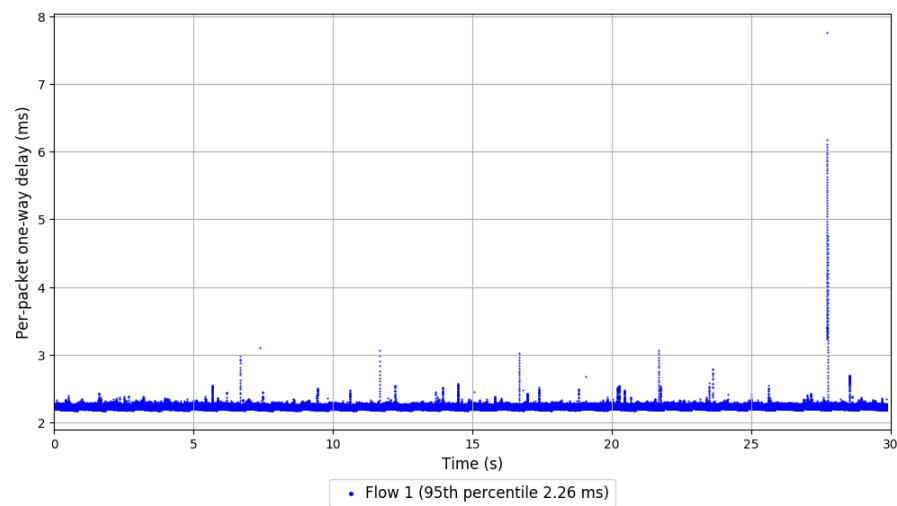
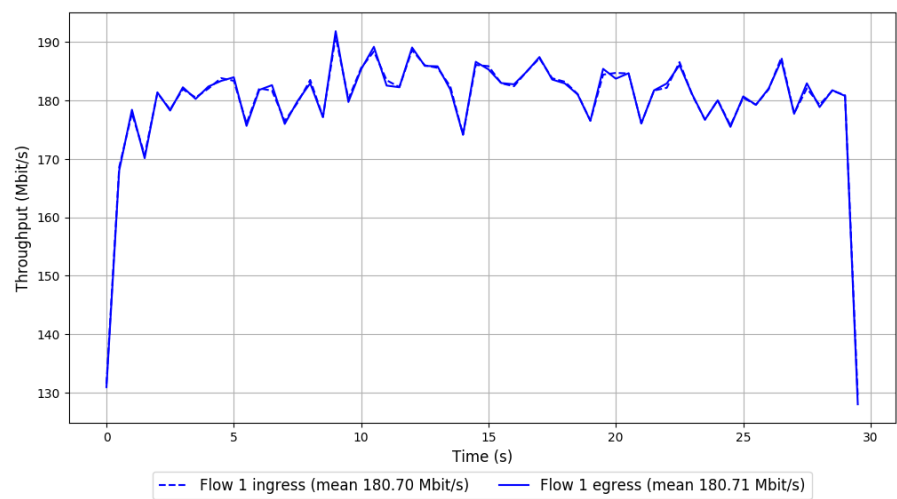
-- Flow 1:

Average throughput: 180.71 Mbit/s

95th percentile per-packet one-way delay: 2.264 ms

Loss rate: 0.02%

Run 4: Report of Indigo-calib — Data Link



Run 5: Statistics of Indigo-calib

Start at: 2017-12-11 12:02:34

End at: 2017-12-11 12:03:04

Local clock offset: -1.951 ms

Remote clock offset: 0.94 ms

Below is generated by plot.py at 2017-12-11 18:26:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.97 Mbit/s

95th percentile per-packet one-way delay: 2.278 ms

Loss rate: 0.01%

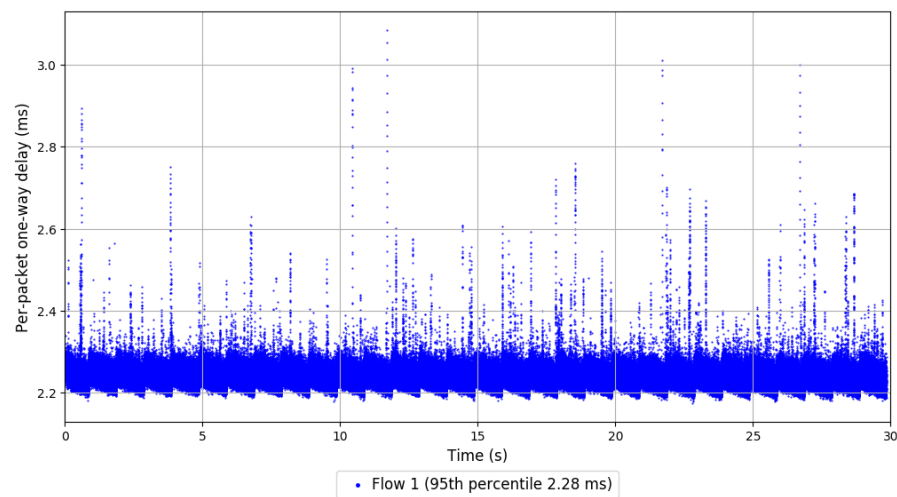
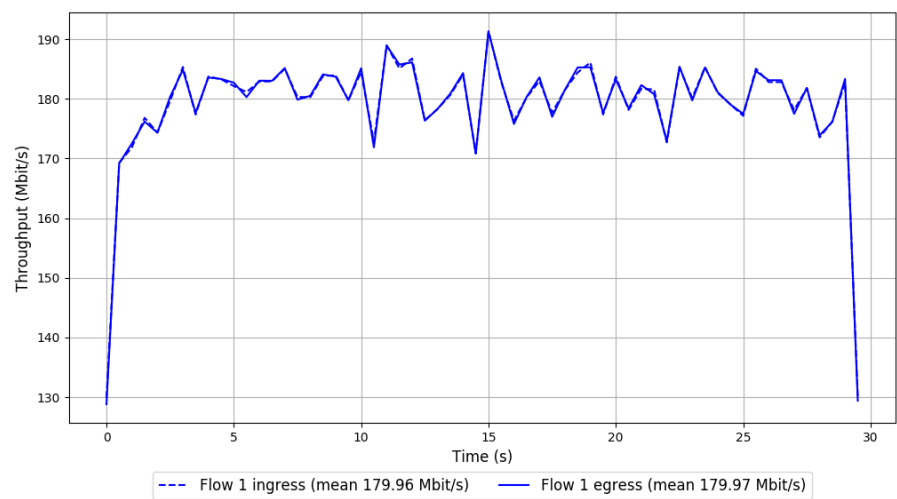
-- Flow 1:

Average throughput: 179.97 Mbit/s

95th percentile per-packet one-way delay: 2.278 ms

Loss rate: 0.01%

Run 5: Report of Indigo-calib — Data Link



Run 6: Statistics of Indigo-calib

Start at: 2017-12-11 12:20:51

End at: 2017-12-11 12:21:21

Local clock offset: -1.746 ms

Remote clock offset: 1.053 ms

Below is generated by plot.py at 2017-12-11 18:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.65 Mbit/s

95th percentile per-packet one-way delay: 2.298 ms

Loss rate: 0.01%

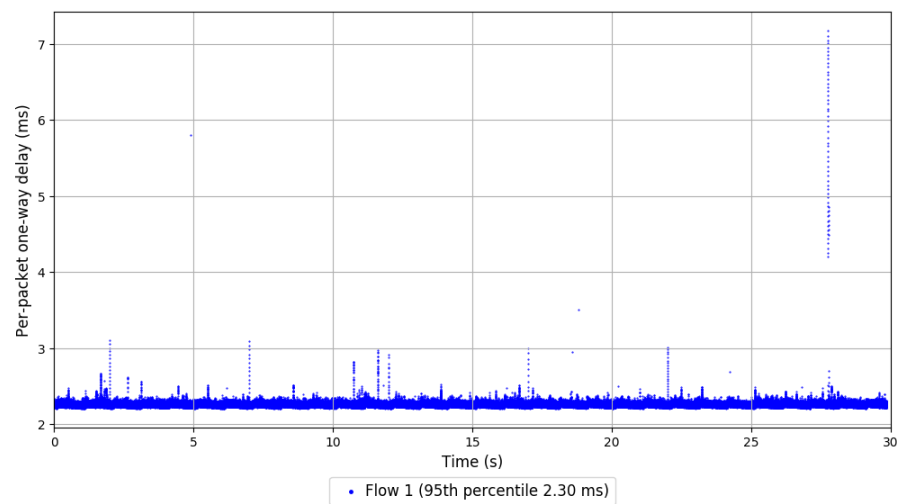
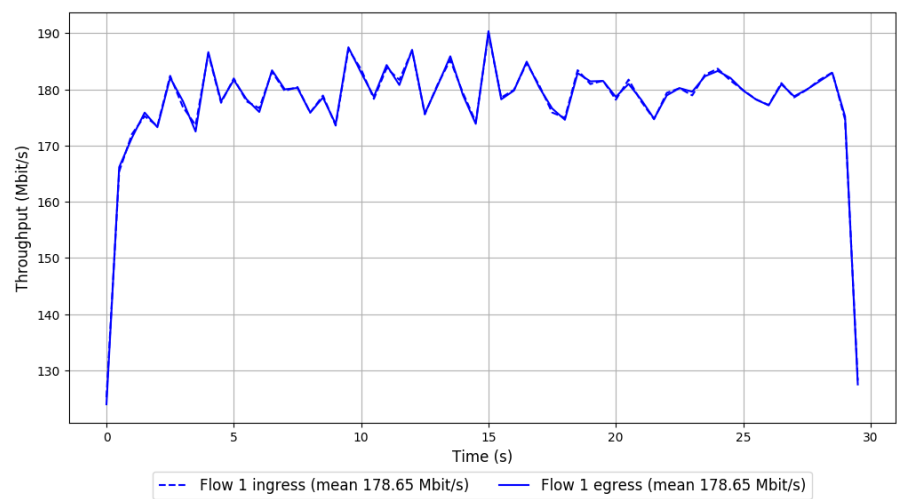
-- Flow 1:

Average throughput: 178.65 Mbit/s

95th percentile per-packet one-way delay: 2.298 ms

Loss rate: 0.01%

Run 6: Report of Indigo-calib — Data Link



Run 7: Statistics of Indigo-calib

Start at: 2017-12-11 12:39:04

End at: 2017-12-11 12:39:34

Local clock offset: -1.697 ms

Remote clock offset: 1.233 ms

Below is generated by plot.py at 2017-12-11 18:26:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.54 Mbit/s

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

Loss rate: 0.02%

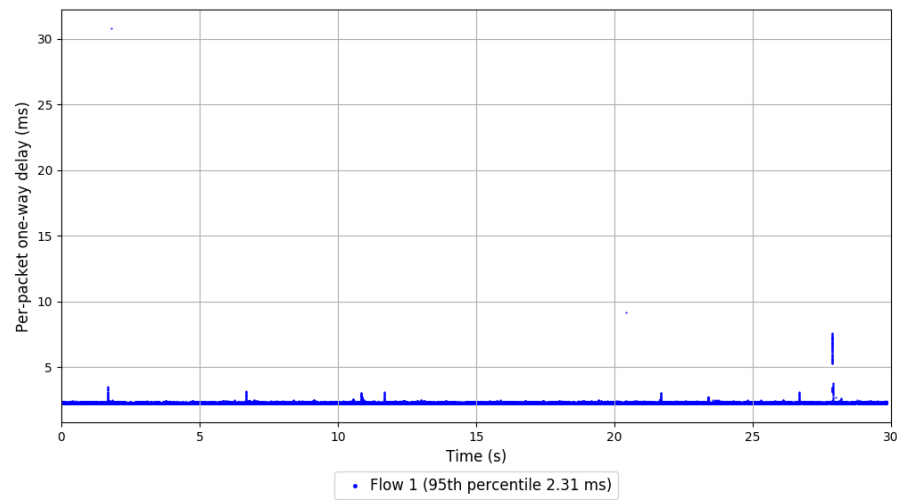
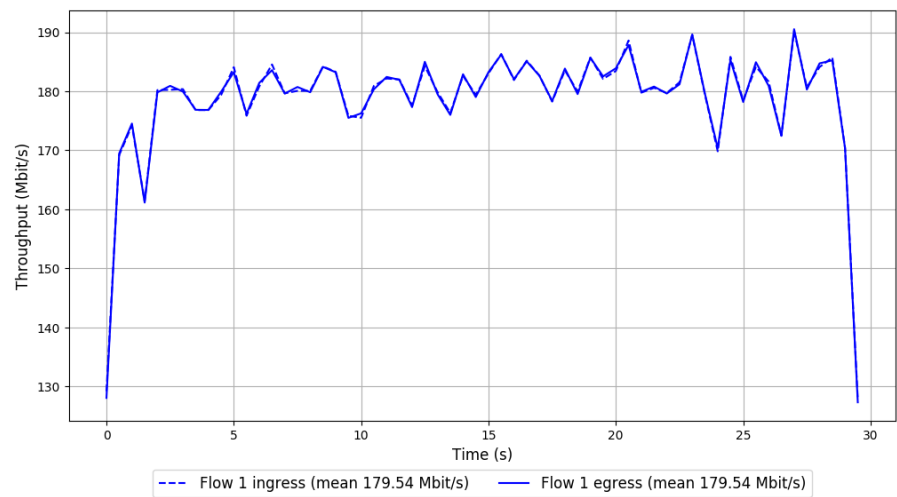
-- Flow 1:

Average throughput: 179.54 Mbit/s

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

Loss rate: 0.02%

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-12-11 12:57:06

End at: 2017-12-11 12:57:36

Local clock offset: -1.895 ms

Remote clock offset: 1.111 ms

Below is generated by plot.py at 2017-12-11 18:26:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.79 Mbit/s

95th percentile per-packet one-way delay: 2.383 ms

Loss rate: 0.02%

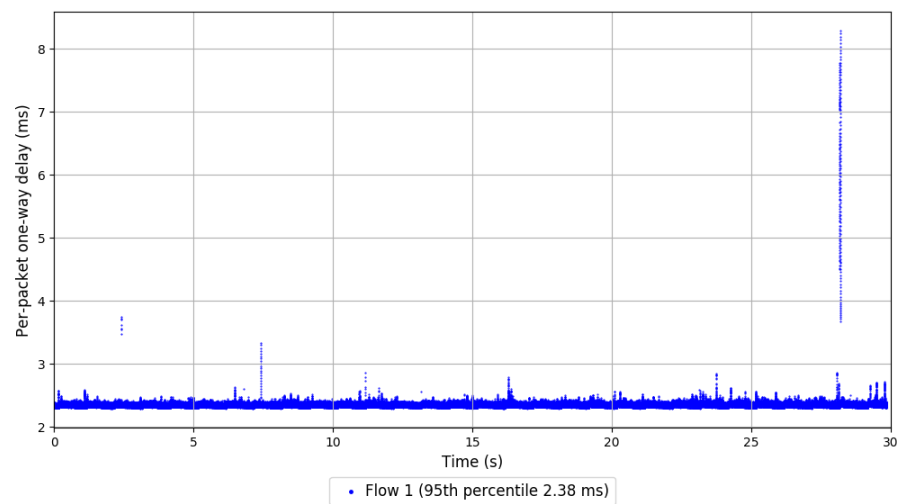
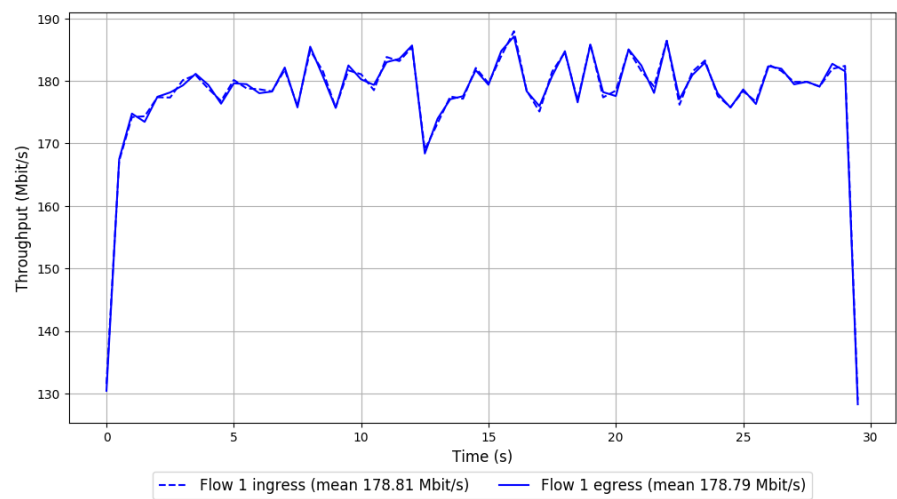
-- Flow 1:

Average throughput: 178.79 Mbit/s

95th percentile per-packet one-way delay: 2.383 ms

Loss rate: 0.02%

Run 8: Report of Indigo-calib — Data Link



Run 9: Statistics of Indigo-calib

Start at: 2017-12-11 13:15:17

End at: 2017-12-11 13:15:47

Local clock offset: -2.065 ms

Remote clock offset: 1.062 ms

Below is generated by plot.py at 2017-12-11 18:26:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.99 Mbit/s

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

Loss rate: 0.01%

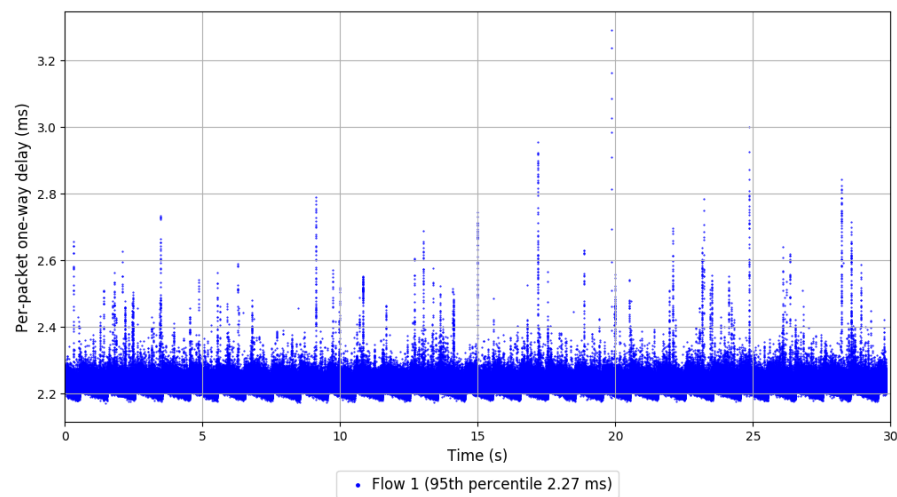
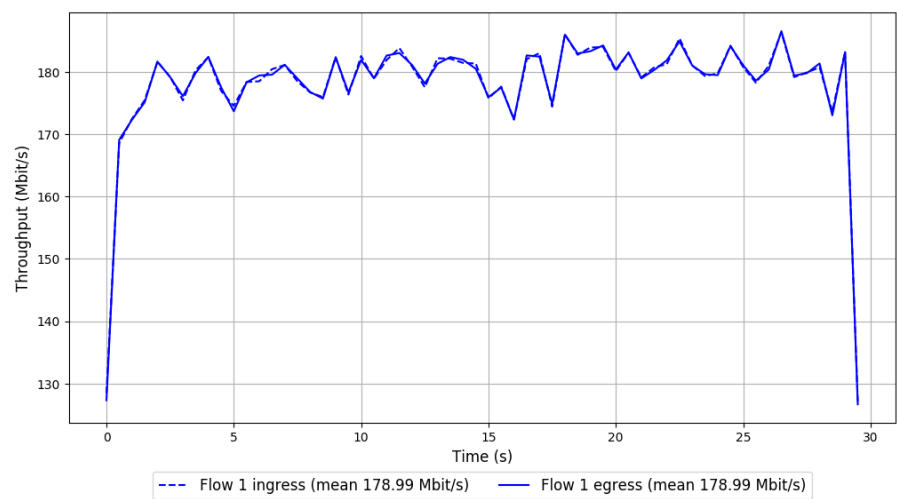
-- Flow 1:

Average throughput: 178.99 Mbit/s

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

Loss rate: 0.01%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-12-11 13:33:14

End at: 2017-12-11 13:33:44

Local clock offset: -2.208 ms

Remote clock offset: 0.951 ms

Below is generated by plot.py at 2017-12-11 18:26:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 179.30 Mbit/s

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

Loss rate: 0.01%

-- Flow 1:

Average throughput: 179.30 Mbit/s

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

Loss rate: 0.01%

Run 10: Report of Indigo-calib — Data Link

