

Pantheon Report

Generated at 2017-10-11 01:24:34 (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).

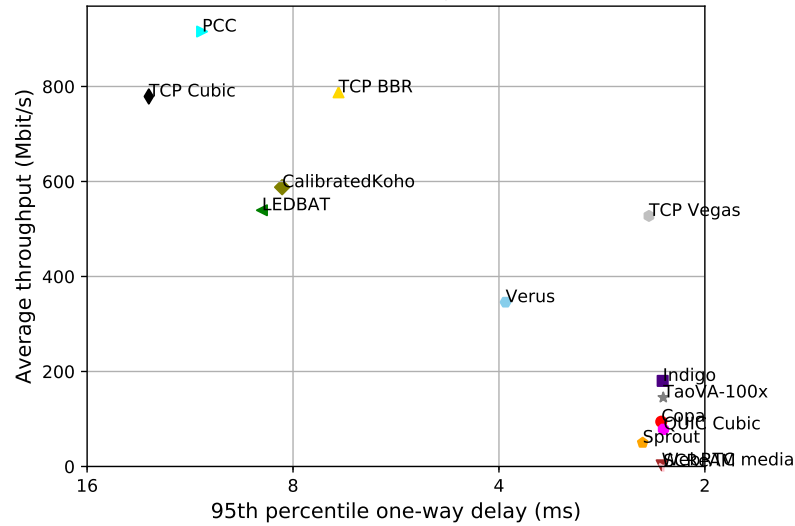
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

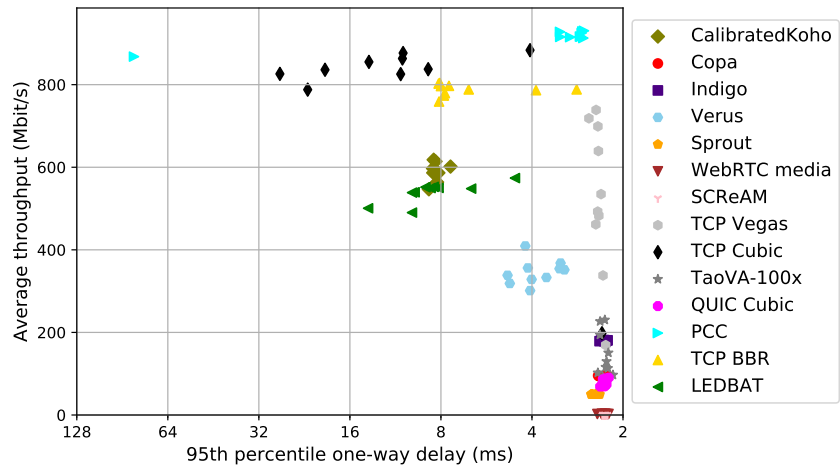
Git summary:

```
branch: indigos @ 45998d6404be7c5106956530acb9cfc43bd06e7d
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
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	787.67	6.86	0.02
TCP Cubic	10	778.95	13.00	0.03
LEDBAT	10	539.44	8.88	0.02
PCC	10	915.66	10.86	0.27
QUIC Cubic	10	78.24	2.30	0.06
SCReAM	10	0.22	2.30	0.00
WebRTC media	10	2.43	2.31	0.01
Sprout	10	50.12	2.47	0.02
TaoVA-100x	10	145.31	2.30	0.02
TCP Vegas	10	527.46	2.41	0.02
Verus	10	345.91	3.91	0.02
Copa	8	94.31	2.32	0.02
CalibratedKoho	10	587.97	8.30	0.03
Indigo	10	180.22	2.31	0.02

Run 1: Statistics of TCP BBR

Start at: 2017-10-10 17:36:24

End at: 2017-10-10 17:36:54

Local clock offset: 1.264 ms

Remote clock offset: -0.797 ms

Below is generated by plot.py at 2017-10-11 00:00:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 786.61 Mbit/s

95th percentile per-packet one-way delay: 3.879 ms

Loss rate: 0.01%

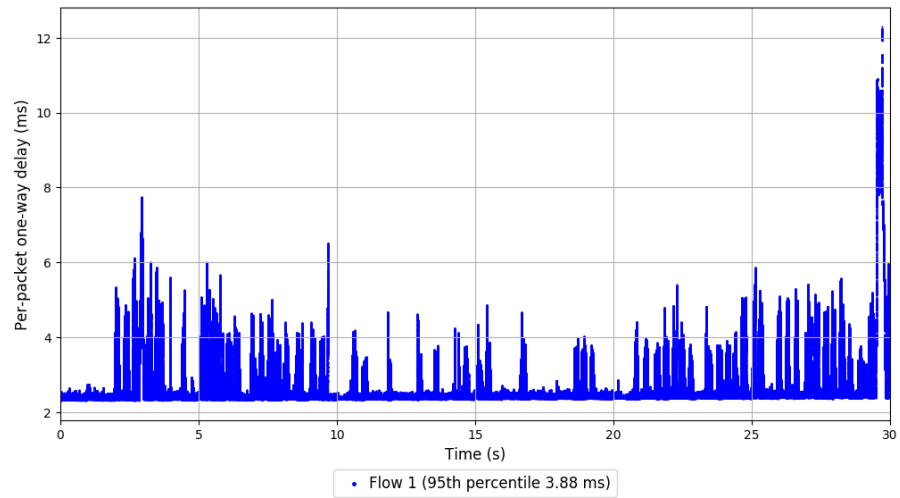
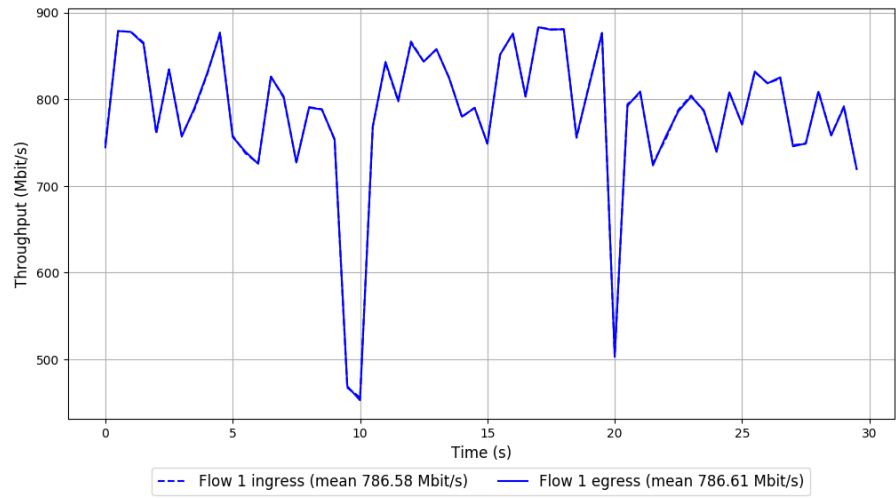
-- Flow 1:

Average throughput: 786.61 Mbit/s

95th percentile per-packet one-way delay: 3.879 ms

Loss rate: 0.01%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-10-10 17:54:52

End at: 2017-10-10 17:55:22

Local clock offset: 1.5 ms

Remote clock offset: -0.412 ms

Below is generated by plot.py at 2017-10-11 00:00:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 788.55 Mbit/s

95th percentile per-packet one-way delay: 2.847 ms

Loss rate: 0.02%

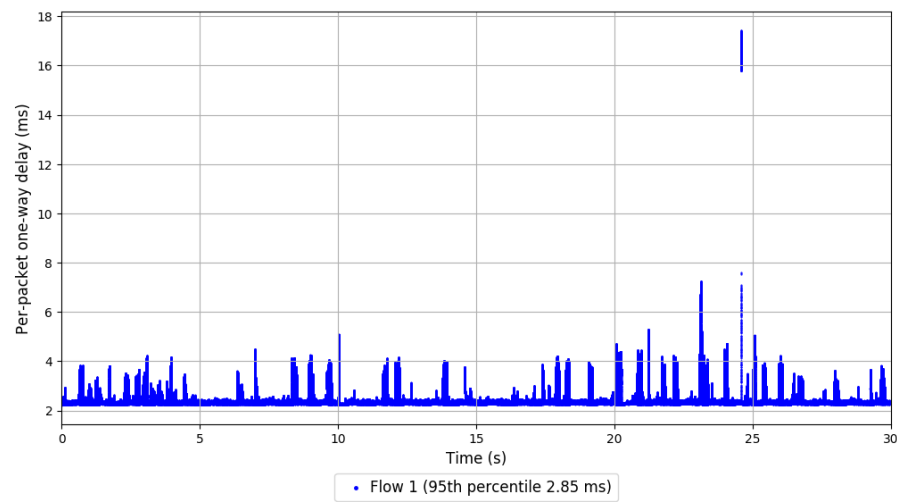
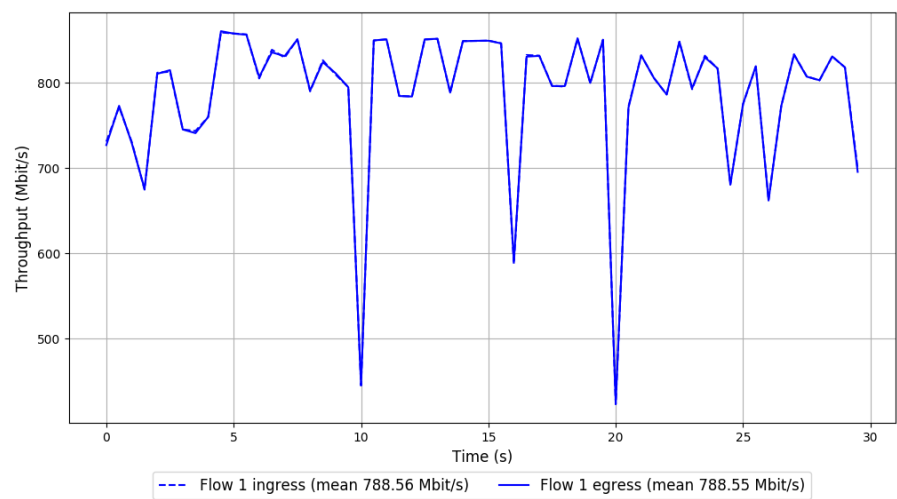
-- Flow 1:

Average throughput: 788.55 Mbit/s

95th percentile per-packet one-way delay: 2.847 ms

Loss rate: 0.02%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-10-10 18:13:29

End at: 2017-10-10 18:13:59

Local clock offset: 1.38 ms

Remote clock offset: 0.044 ms

Below is generated by plot.py at 2017-10-11 00:00:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 796.61 Mbit/s

95th percentile per-packet one-way delay: 7.999 ms

Loss rate: 0.03%

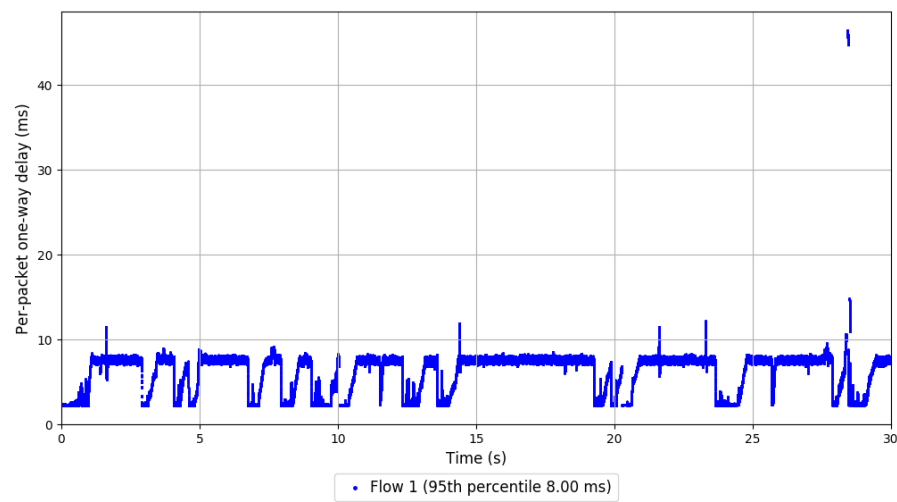
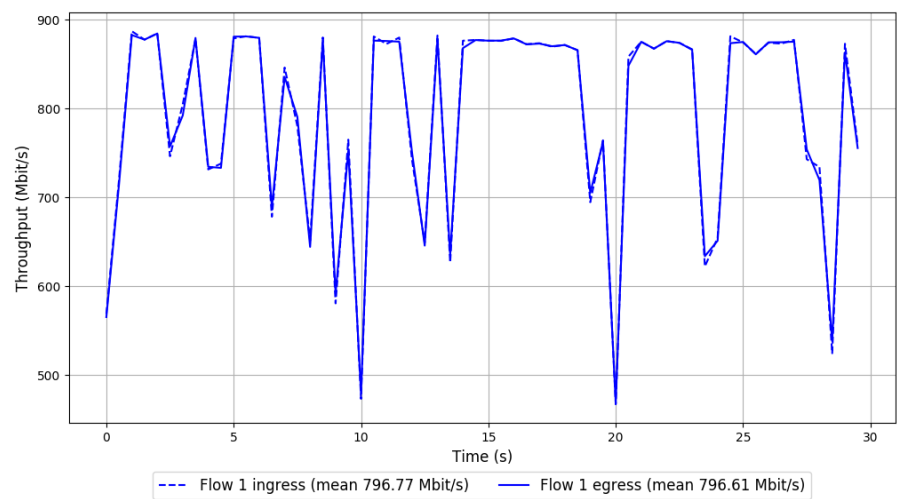
-- Flow 1:

Average throughput: 796.61 Mbit/s

95th percentile per-packet one-way delay: 7.999 ms

Loss rate: 0.03%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-10-10 18:32:01

End at: 2017-10-10 18:32:31

Local clock offset: 0.997 ms

Remote clock offset: 0.327 ms

Below is generated by plot.py at 2017-10-11 00:00:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 797.16 Mbit/s

95th percentile per-packet one-way delay: 7.526 ms

Loss rate: 0.01%

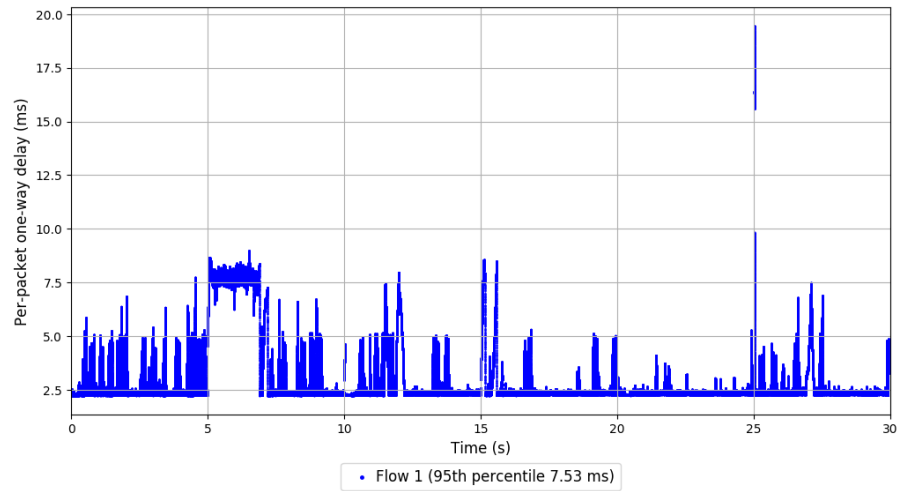
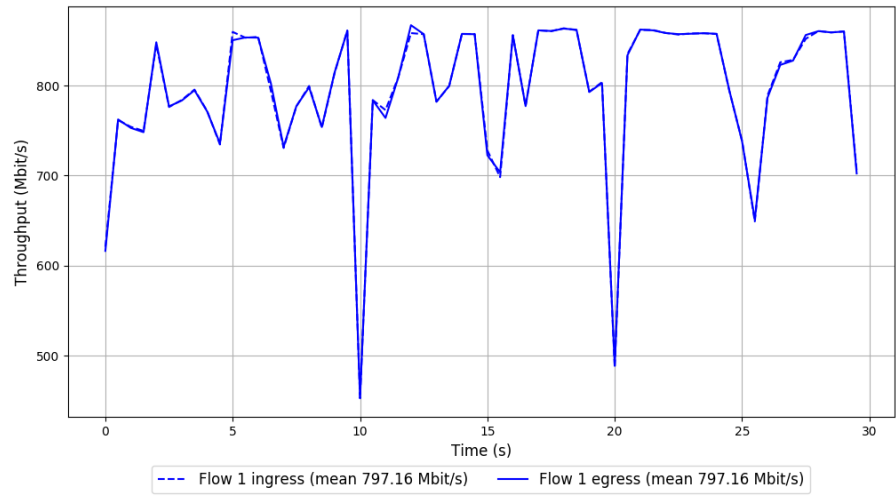
-- Flow 1:

Average throughput: 797.16 Mbit/s

95th percentile per-packet one-way delay: 7.526 ms

Loss rate: 0.01%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-10-10 18:50:33

End at: 2017-10-10 18:51:03

Local clock offset: 0.892 ms

Remote clock offset: 0.827 ms

Below is generated by plot.py at 2017-10-11 00:00:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 788.47 Mbit/s

95th percentile per-packet one-way delay: 6.475 ms

Loss rate: 0.02%

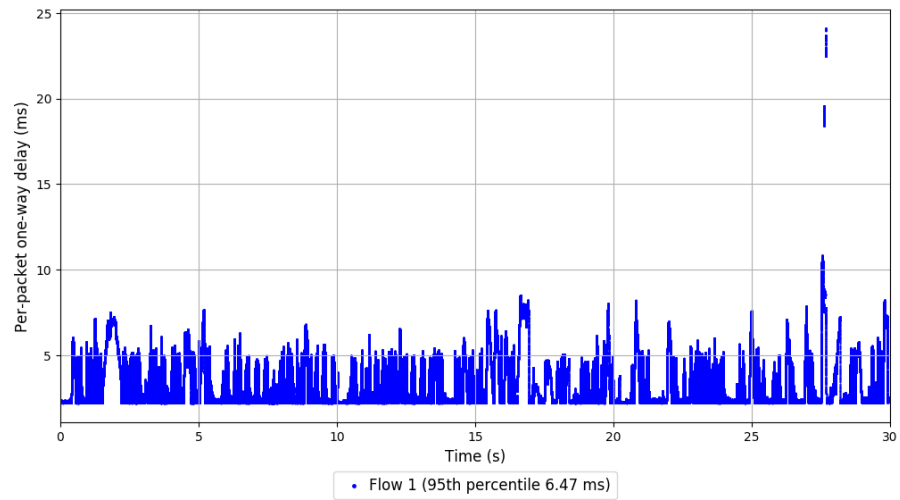
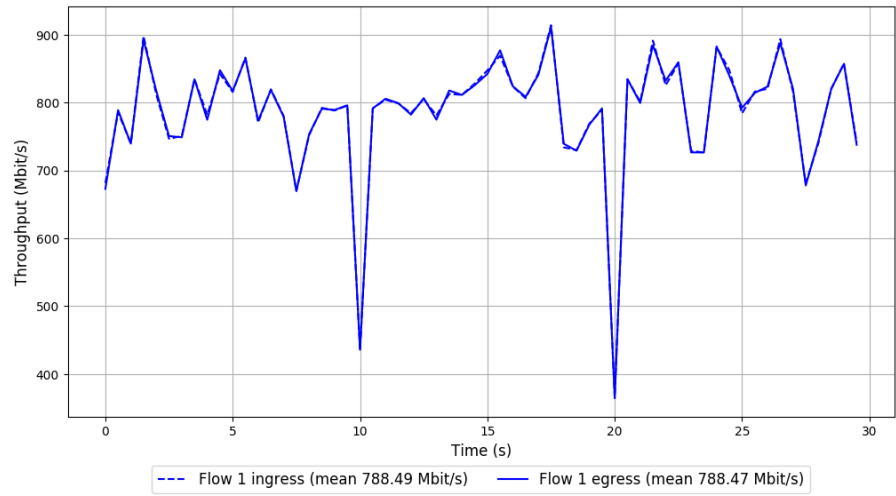
-- Flow 1:

Average throughput: 788.47 Mbit/s

95th percentile per-packet one-way delay: 6.475 ms

Loss rate: 0.02%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2017-10-10 19:09:15

End at: 2017-10-10 19:09:45

Local clock offset: 0.67 ms

Remote clock offset: 0.873 ms

Below is generated by plot.py at 2017-10-11 00:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 802.69 Mbit/s

95th percentile per-packet one-way delay: 8.143 ms

Loss rate: 0.02%

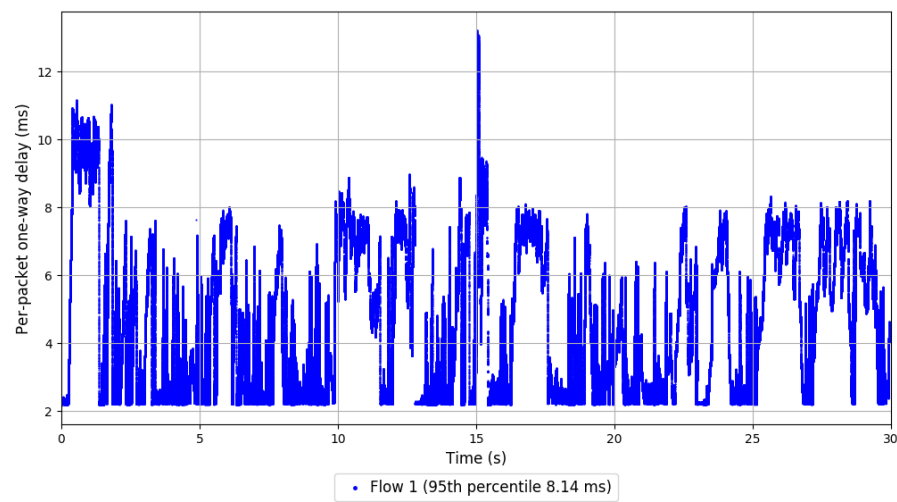
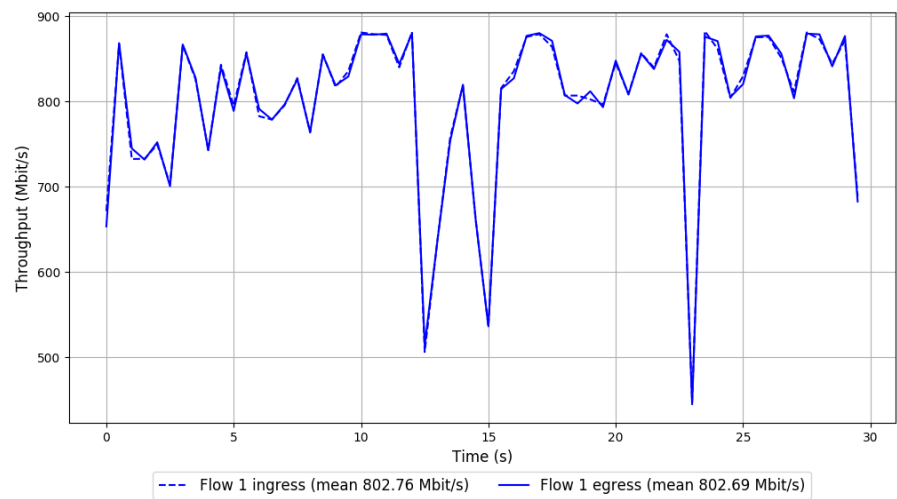
-- Flow 1:

Average throughput: 802.69 Mbit/s

95th percentile per-packet one-way delay: 8.143 ms

Loss rate: 0.02%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2017-10-10 19:27:48

End at: 2017-10-10 19:28:18

Local clock offset: 1.183 ms

Remote clock offset: 1.165 ms

Below is generated by plot.py at 2017-10-11 00:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 759.18 Mbit/s

95th percentile per-packet one-way delay: 8.114 ms

Loss rate: 0.02%

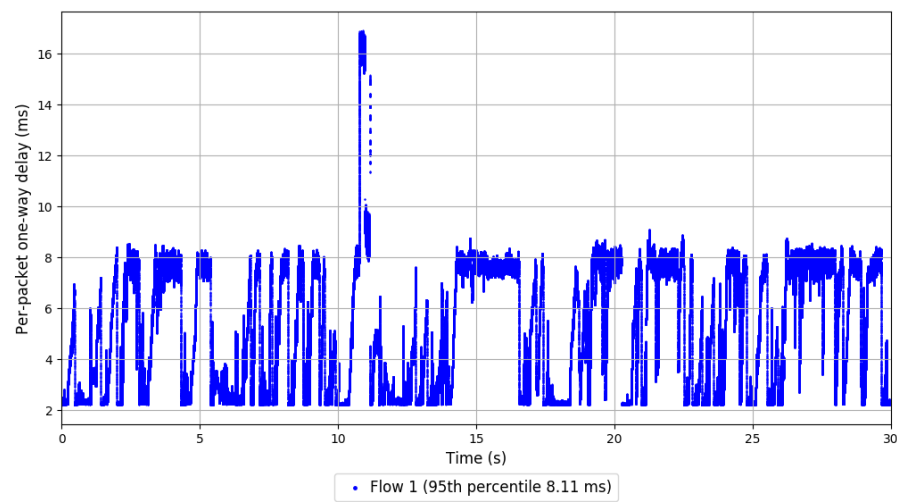
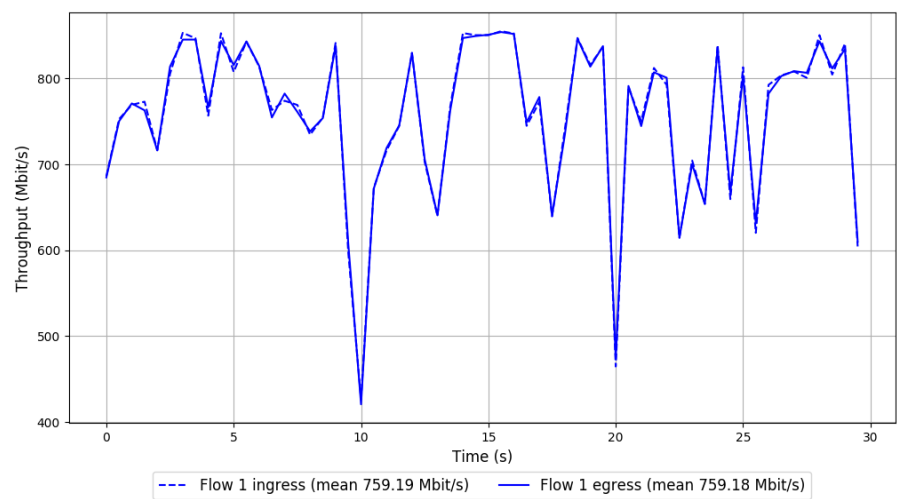
-- Flow 1:

Average throughput: 759.18 Mbit/s

95th percentile per-packet one-way delay: 8.114 ms

Loss rate: 0.02%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-10-10 19:46:02

End at: 2017-10-10 19:46:32

Local clock offset: 1.196 ms

Remote clock offset: 0.939 ms

Below is generated by plot.py at 2017-10-11 00:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 773.70 Mbit/s

95th percentile per-packet one-way delay: 7.821 ms

Loss rate: 0.04%

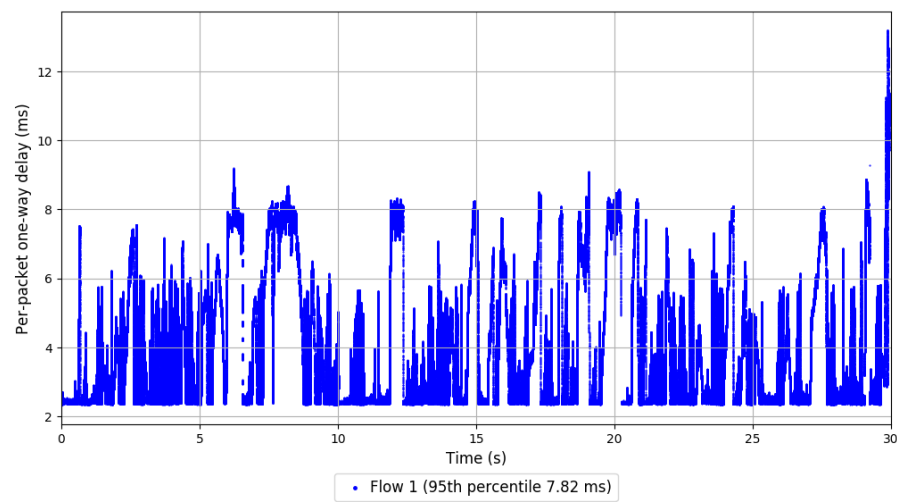
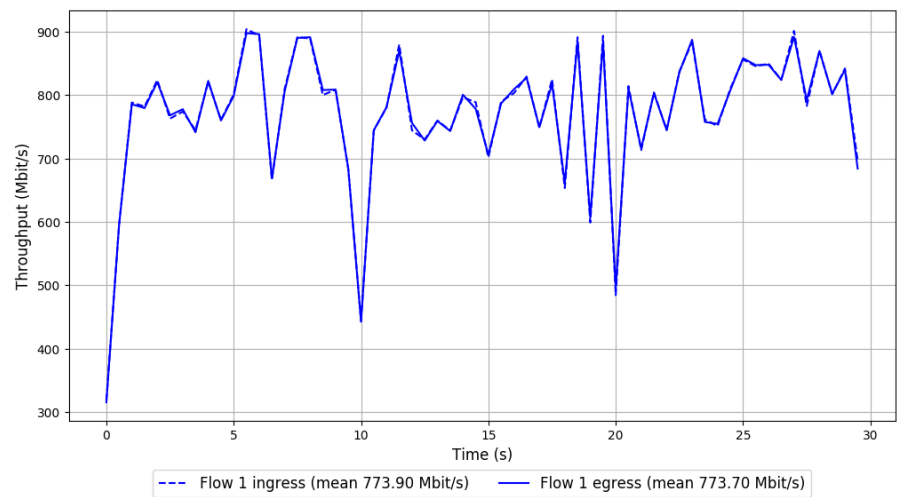
-- Flow 1:

Average throughput: 773.70 Mbit/s

95th percentile per-packet one-way delay: 7.821 ms

Loss rate: 0.04%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-10-10 20:04:36

End at: 2017-10-10 20:05:06

Local clock offset: 1.064 ms

Remote clock offset: 0.919 ms

Below is generated by plot.py at 2017-10-11 00:11:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 779.56 Mbit/s

95th percentile per-packet one-way delay: 7.762 ms

Loss rate: 0.02%

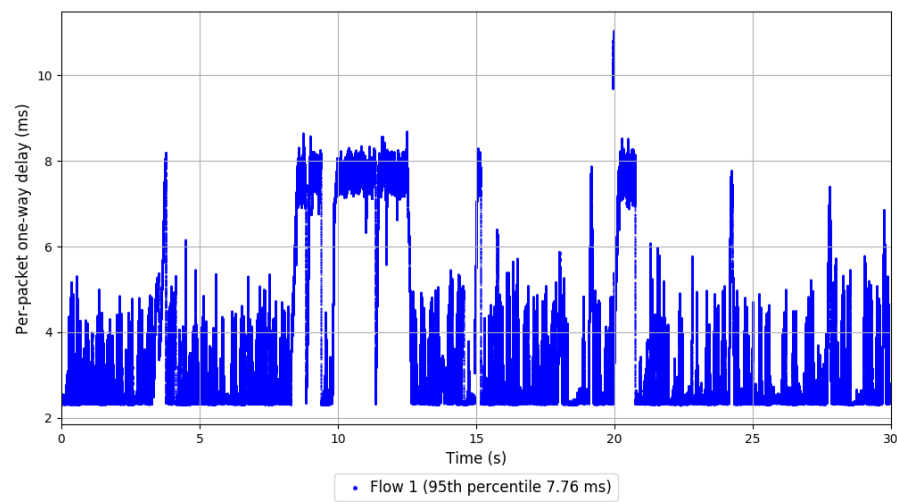
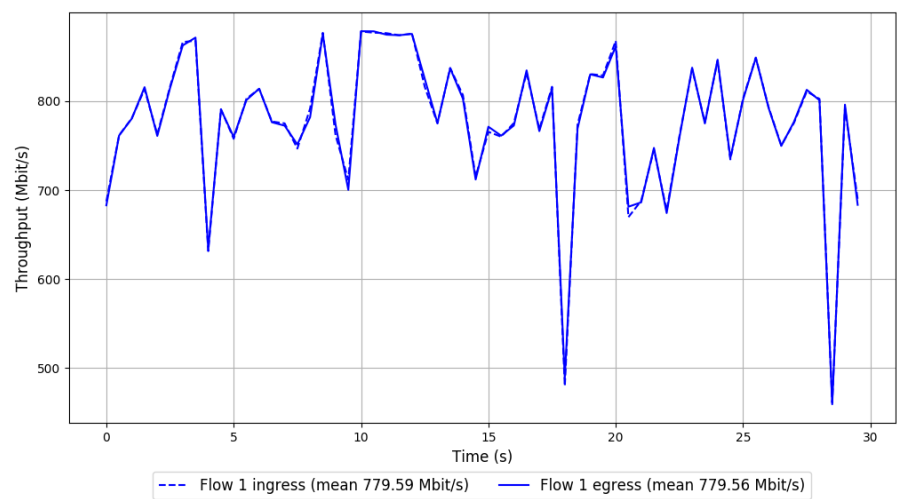
-- Flow 1:

Average throughput: 779.56 Mbit/s

95th percentile per-packet one-way delay: 7.762 ms

Loss rate: 0.02%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2017-10-10 20:23:07

End at: 2017-10-10 20:23:37

Local clock offset: 1.11 ms

Remote clock offset: 0.81 ms

Below is generated by plot.py at 2017-10-11 00:11:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 804.17 Mbit/s

95th percentile per-packet one-way delay: 8.068 ms

Loss rate: 0.02%

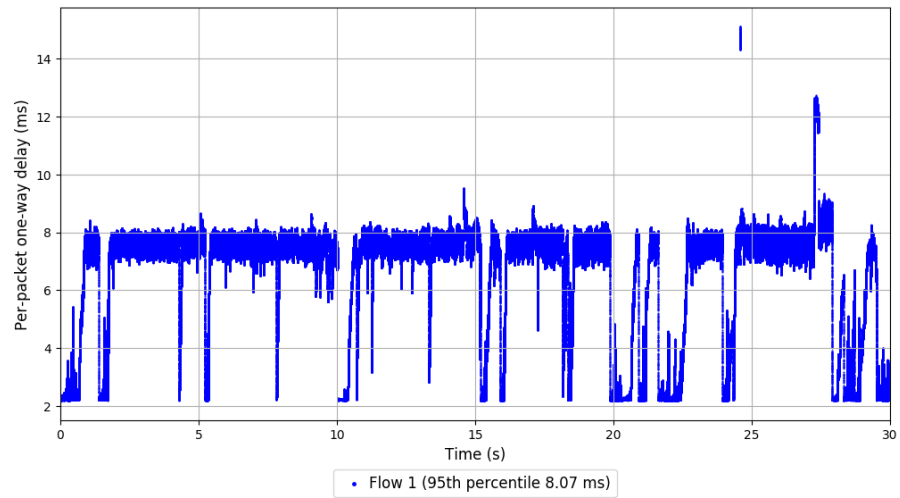
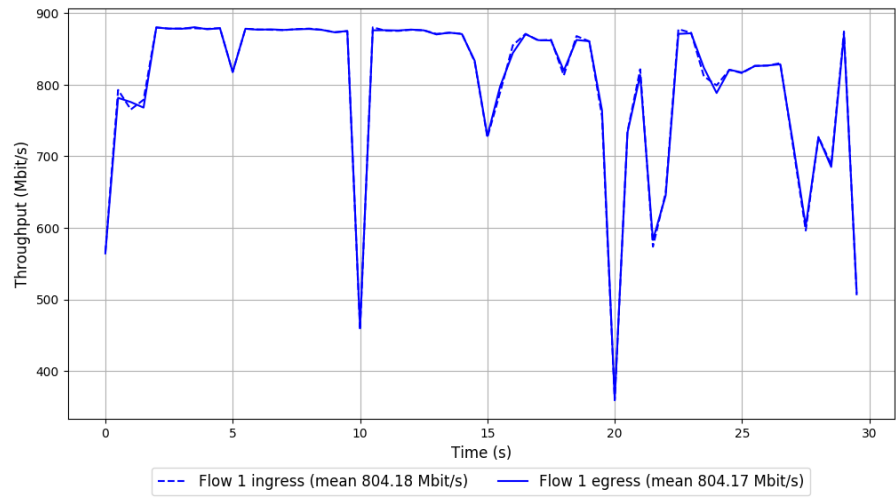
-- Flow 1:

Average throughput: 804.17 Mbit/s

95th percentile per-packet one-way delay: 8.068 ms

Loss rate: 0.02%

Run 10: Report of TCP BBR — Data Link

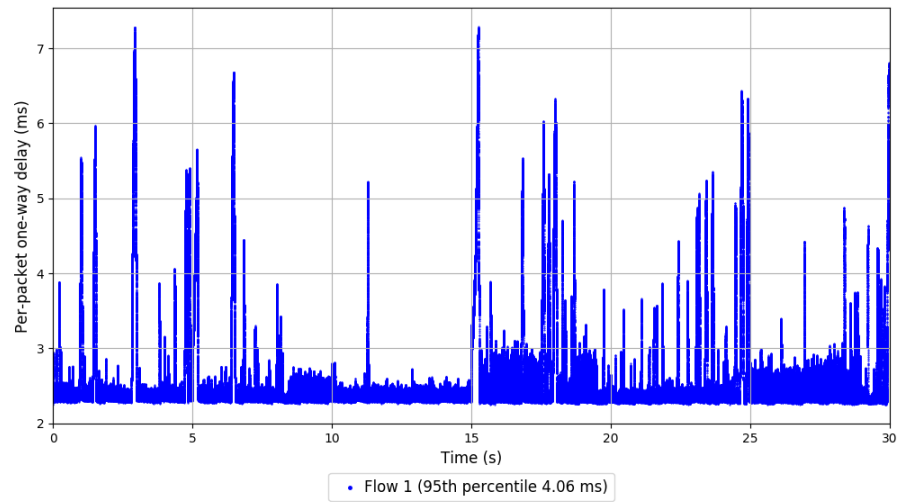
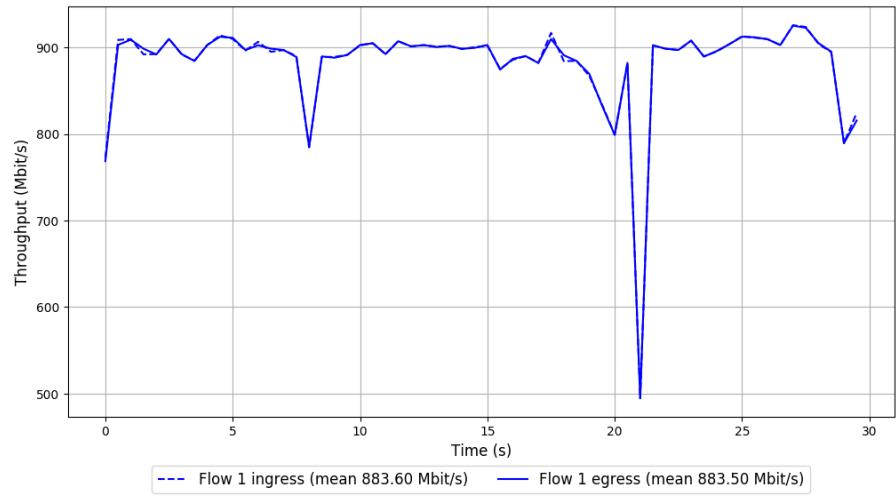


Run 1: Statistics of TCP Cubic

Start at: 2017-10-10 17:43:11
End at: 2017-10-10 17:43:41
Local clock offset: 1.137 ms
Remote clock offset: -0.749 ms

Below is generated by plot.py at 2017-10-11 00:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 883.50 Mbit/s
95th percentile per-packet one-way delay: 4.059 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 883.50 Mbit/s
95th percentile per-packet one-way delay: 4.059 ms
Loss rate: 0.02%

Run 1: Report of TCP Cubic — Data Link

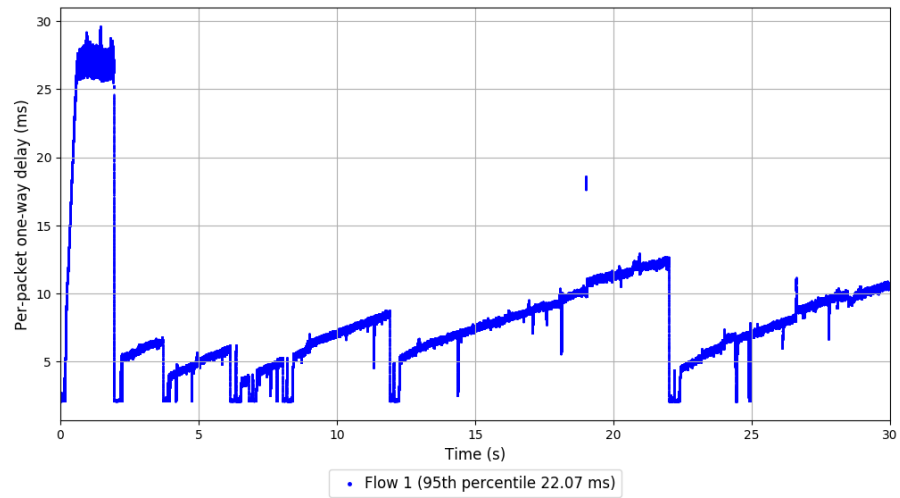
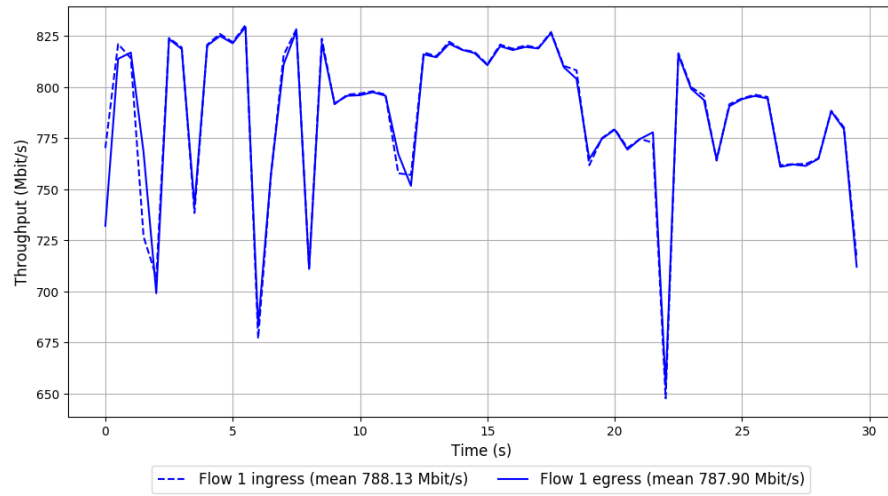


Run 2: Statistics of TCP Cubic

Start at: 2017-10-10 18:01:39
End at: 2017-10-10 18:02:10
Local clock offset: 1.626 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2017-10-11 00:13:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 787.90 Mbit/s
95th percentile per-packet one-way delay: 22.066 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 787.90 Mbit/s
95th percentile per-packet one-way delay: 22.066 ms
Loss rate: 0.04%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2017-10-10 18:20:20

End at: 2017-10-10 18:20:50

Local clock offset: 1.292 ms

Remote clock offset: 0.222 ms

Below is generated by plot.py at 2017-10-11 00:13:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 836.05 Mbit/s

95th percentile per-packet one-way delay: 19.336 ms

Loss rate: 0.03%

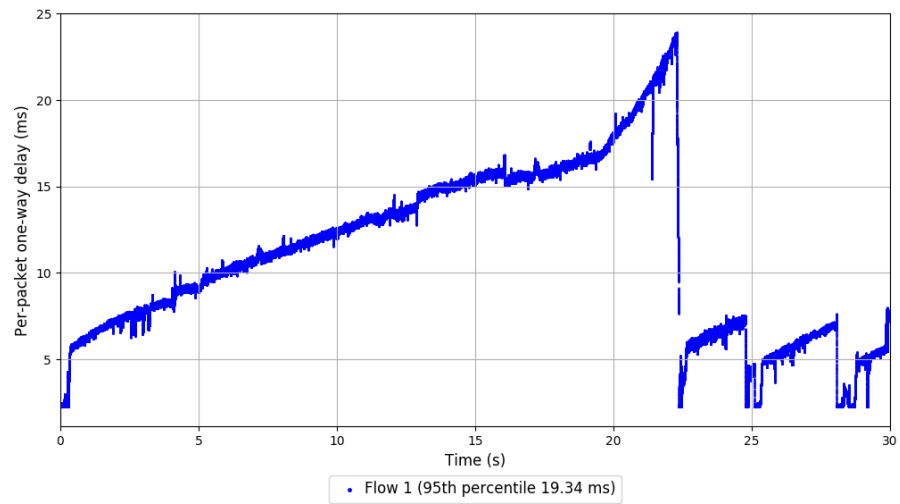
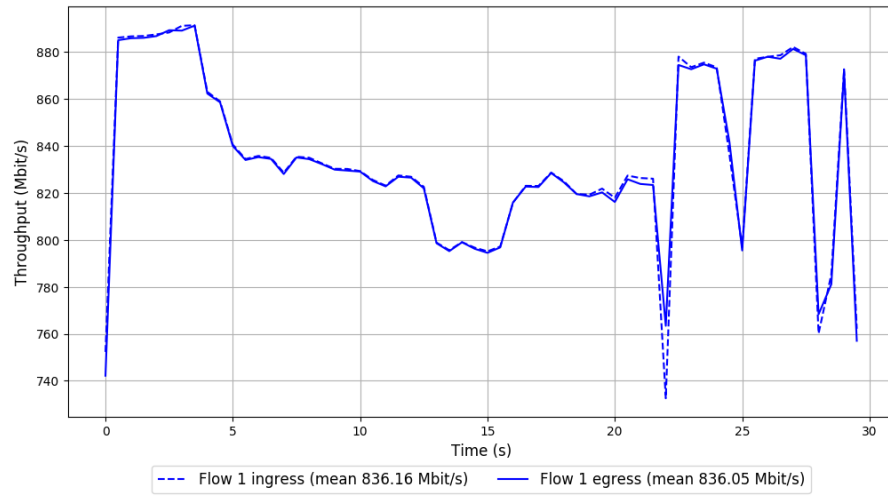
-- Flow 1:

Average throughput: 836.05 Mbit/s

95th percentile per-packet one-way delay: 19.336 ms

Loss rate: 0.03%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-10-10 18:38:48

End at: 2017-10-10 18:39:18

Local clock offset: 0.885 ms

Remote clock offset: 0.54 ms

Below is generated by plot.py at 2017-10-11 00:13:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 825.52 Mbit/s

95th percentile per-packet one-way delay: 10.869 ms

Loss rate: 0.02%

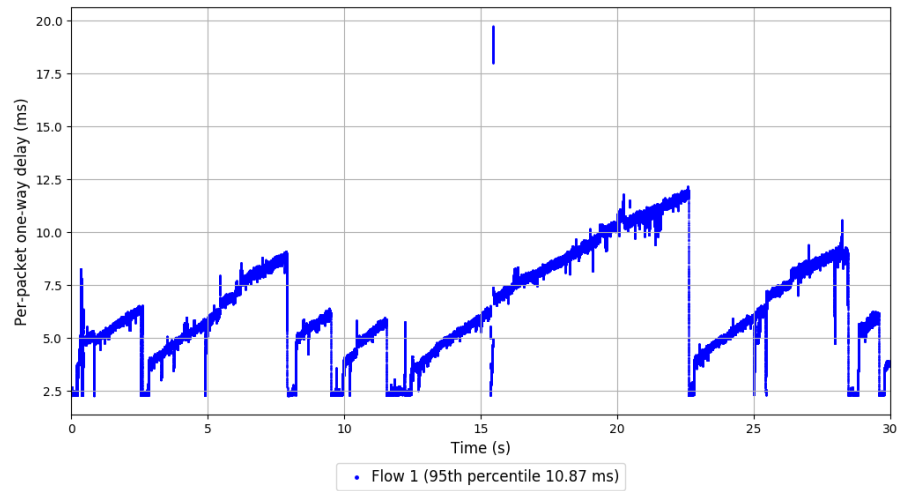
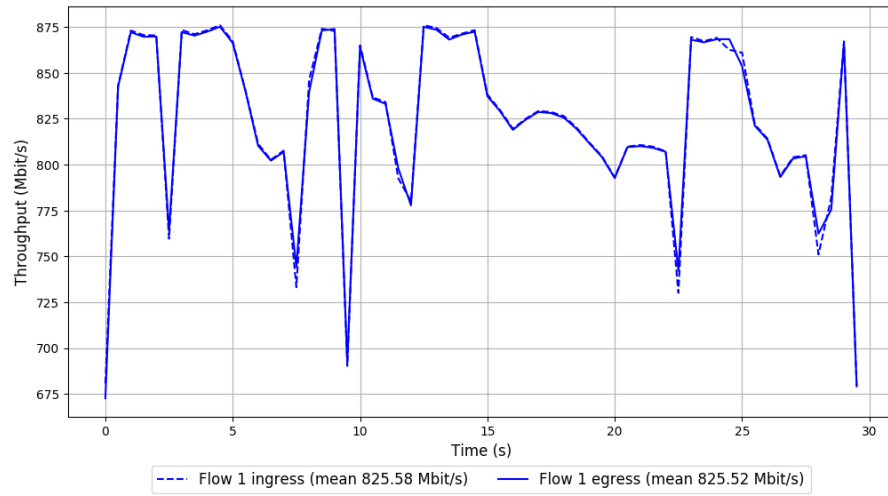
-- Flow 1:

Average throughput: 825.52 Mbit/s

95th percentile per-packet one-way delay: 10.869 ms

Loss rate: 0.02%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-10-10 18:57:25

End at: 2017-10-10 18:57:55

Local clock offset: 0.778 ms

Remote clock offset: 0.814 ms

Below is generated by plot.py at 2017-10-11 00:13:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 837.45 Mbit/s

95th percentile per-packet one-way delay: 8.814 ms

Loss rate: 0.02%

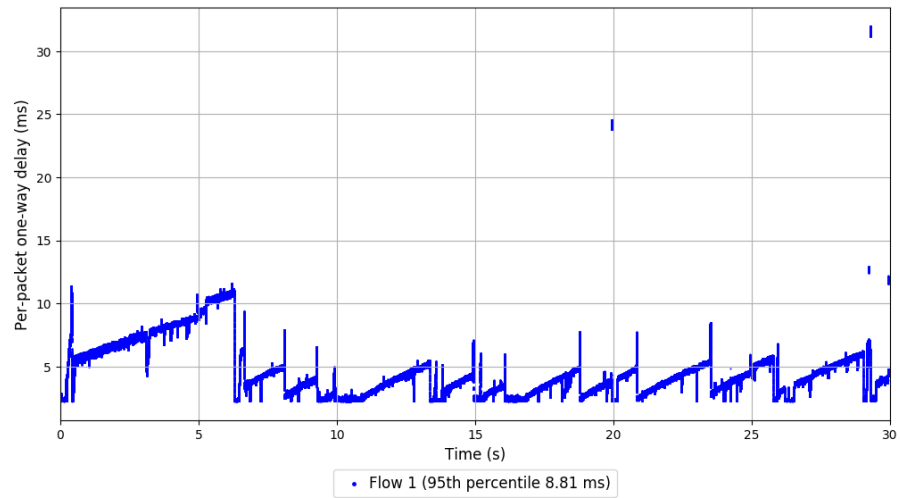
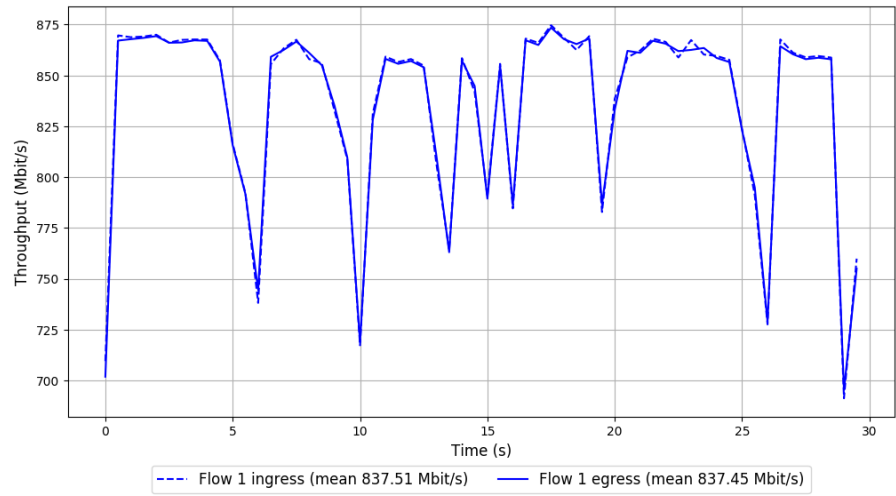
-- Flow 1:

Average throughput: 837.45 Mbit/s

95th percentile per-packet one-way delay: 8.814 ms

Loss rate: 0.02%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2017-10-10 19:16:00

End at: 2017-10-10 19:16:30

Local clock offset: 0.764 ms

Remote clock offset: 1.003 ms

Below is generated by plot.py at 2017-10-11 00:13:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 876.52 Mbit/s

95th percentile per-packet one-way delay: 10.670 ms

Loss rate: 0.03%

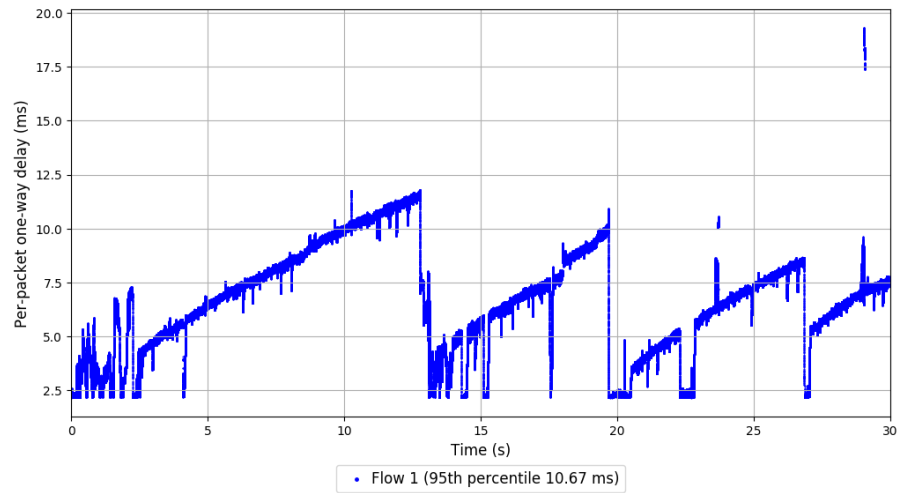
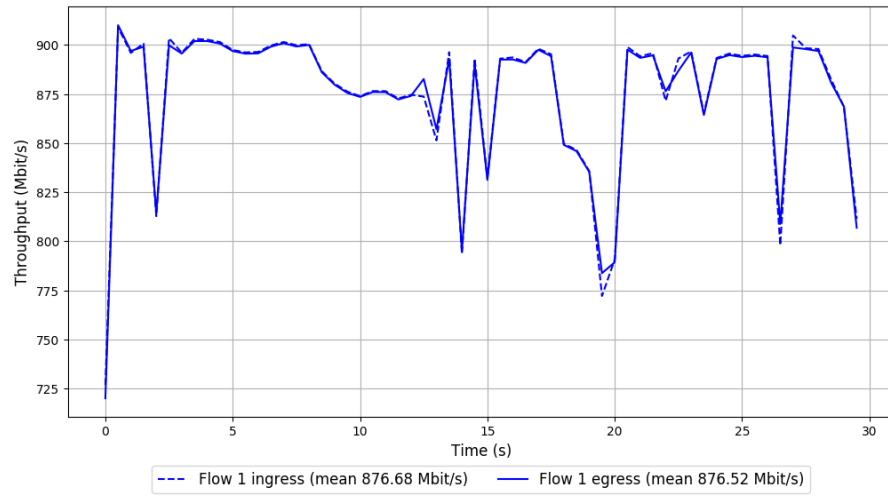
-- Flow 1:

Average throughput: 876.52 Mbit/s

95th percentile per-packet one-way delay: 10.670 ms

Loss rate: 0.03%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2017-10-10 19:34:34

End at: 2017-10-10 19:35:04

Local clock offset: 1.319 ms

Remote clock offset: 1.177 ms

Below is generated by plot.py at 2017-10-11 00:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 855.09 Mbit/s

95th percentile per-packet one-way delay: 13.841 ms

Loss rate: 0.04%

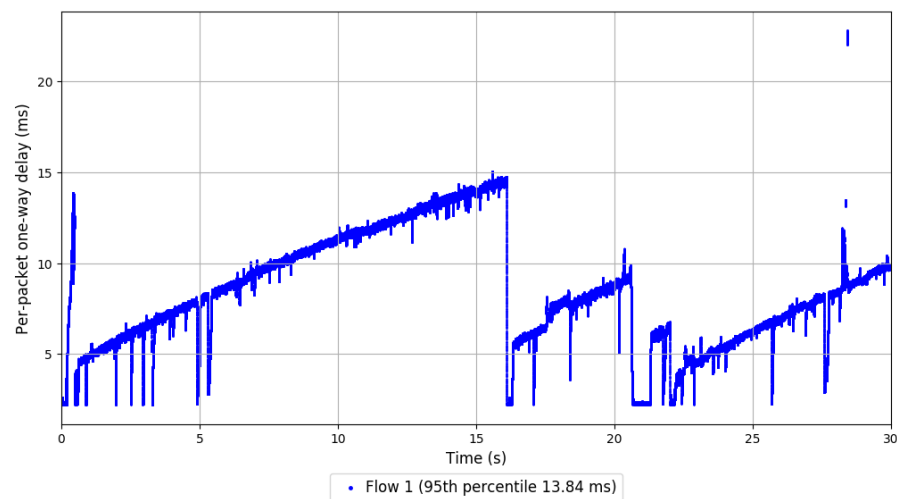
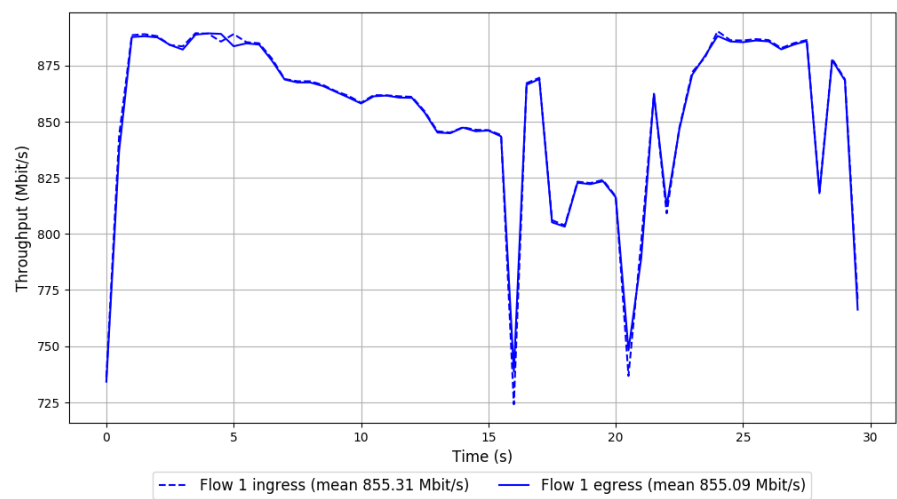
-- Flow 1:

Average throughput: 855.09 Mbit/s

95th percentile per-packet one-way delay: 13.841 ms

Loss rate: 0.04%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2017-10-10 19:52:48

End at: 2017-10-10 19:53:18

Local clock offset: 1.241 ms

Remote clock offset: 1.162 ms

Below is generated by plot.py at 2017-10-11 00:23:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 826.07 Mbit/s

95th percentile per-packet one-way delay: 27.266 ms

Loss rate: 0.03%

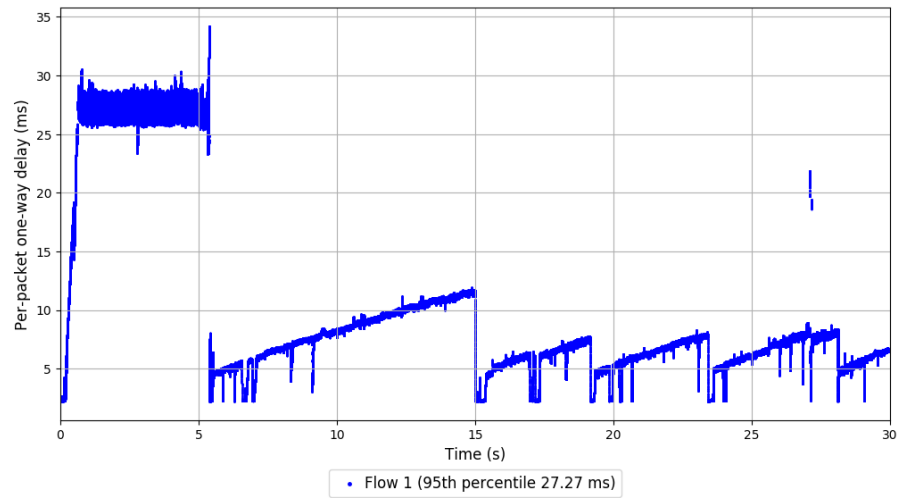
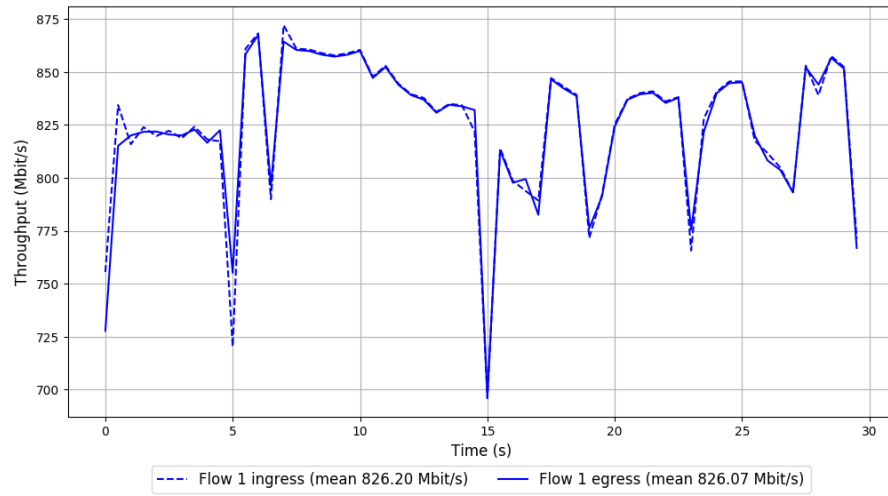
-- Flow 1:

Average throughput: 826.07 Mbit/s

95th percentile per-packet one-way delay: 27.266 ms

Loss rate: 0.03%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2017-10-10 20:11:25

End at: 2017-10-10 20:11:56

Local clock offset: 1.007 ms

Remote clock offset: 0.944 ms

Below is generated by plot.py at 2017-10-11 00:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 863.37 Mbit/s

95th percentile per-packet one-way delay: 10.725 ms

Loss rate: 0.03%

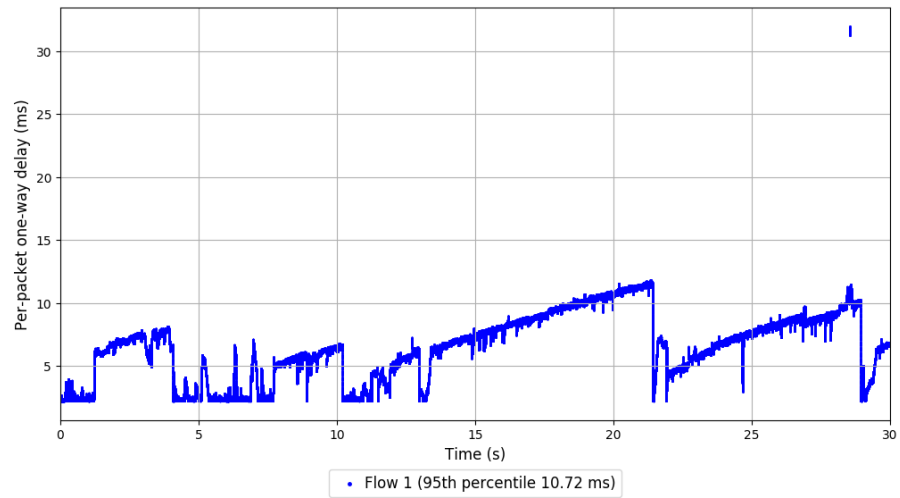
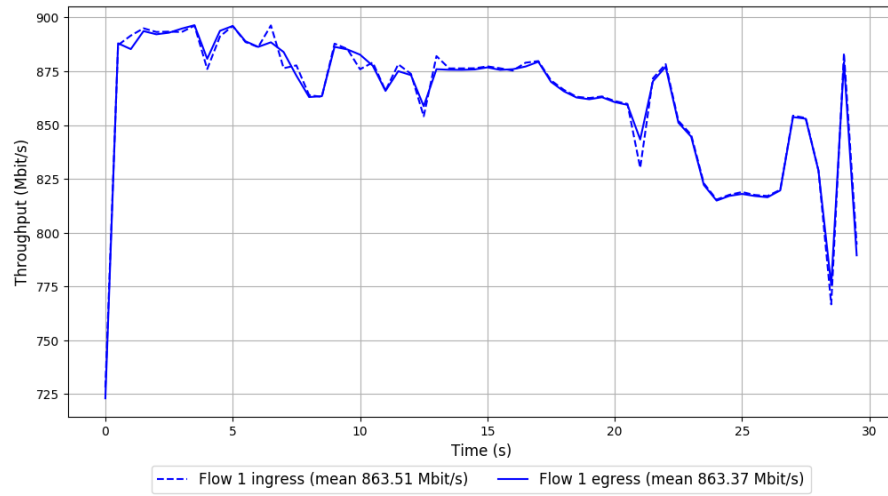
-- Flow 1:

Average throughput: 863.37 Mbit/s

95th percentile per-packet one-way delay: 10.725 ms

Loss rate: 0.03%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-10-10 20:29:54

End at: 2017-10-10 20:30:24

Local clock offset: 1.097 ms

Remote clock offset: 0.761 ms

Below is generated by plot.py at 2017-10-11 00:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 198.00 Mbit/s

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

Loss rate: 0.04%

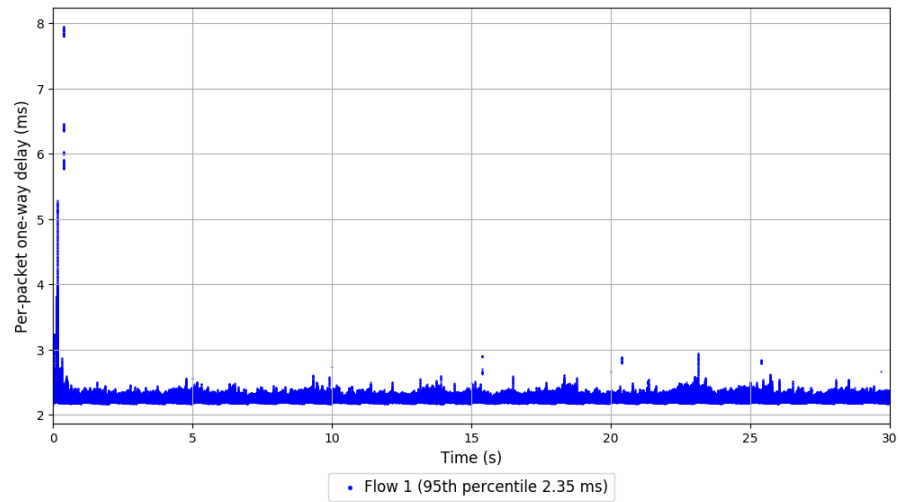
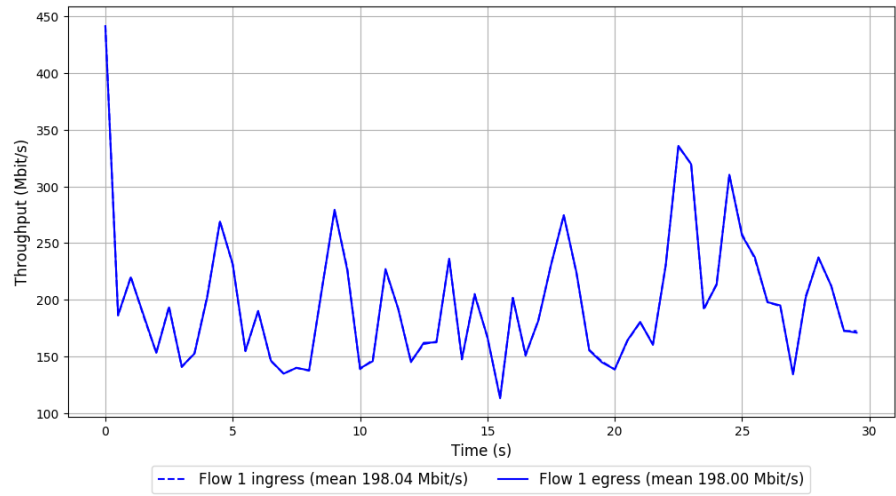
-- Flow 1:

Average throughput: 198.00 Mbit/s

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

Loss rate: 0.04%

Run 10: Report of TCP Cubic — Data Link

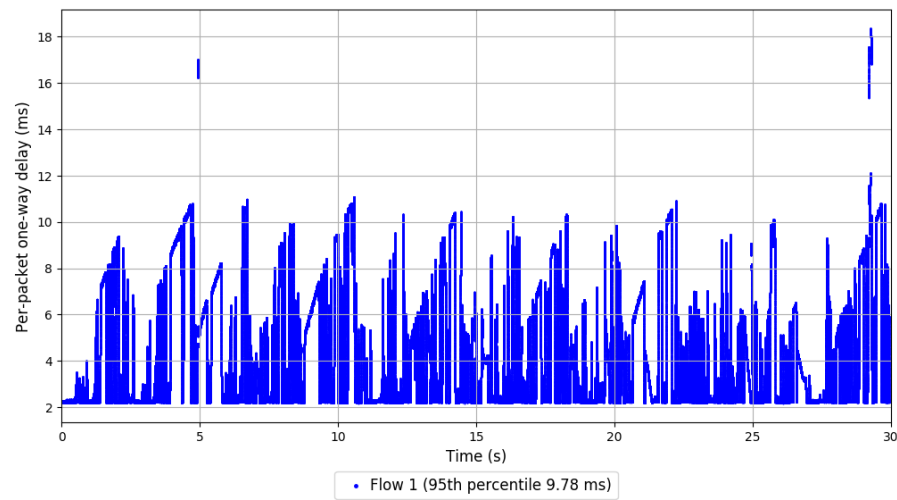
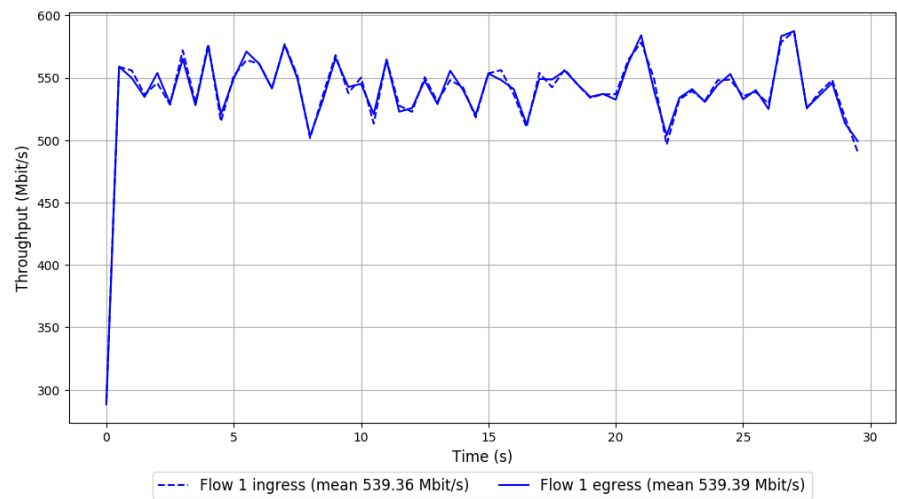


Run 1: Statistics of LEDBAT

Start at: 2017-10-10 17:32:38
End at: 2017-10-10 17:33:08
Local clock offset: 1.382 ms
Remote clock offset: -0.831 ms

Below is generated by plot.py at 2017-10-11 00:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 539.39 Mbit/s
95th percentile per-packet one-way delay: 9.775 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 539.39 Mbit/s
95th percentile per-packet one-way delay: 9.775 ms
Loss rate: 0.01%

Run 1: Report of LEDBAT — Data Link

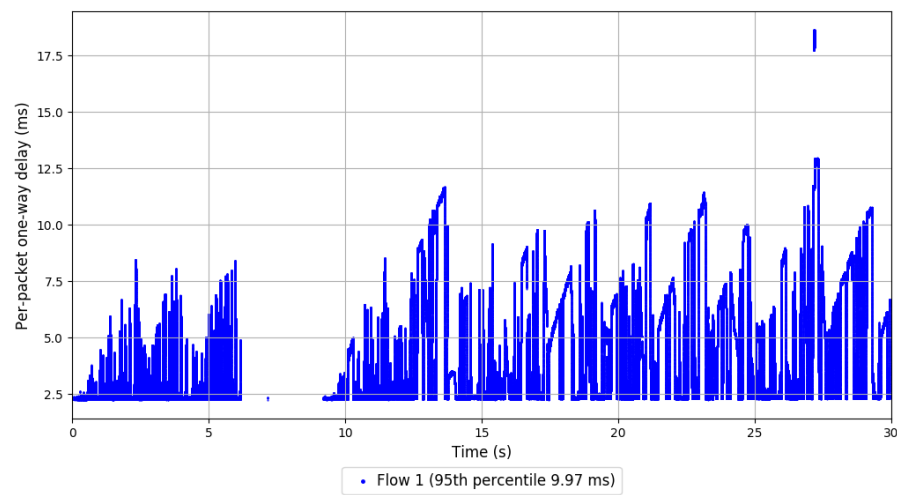
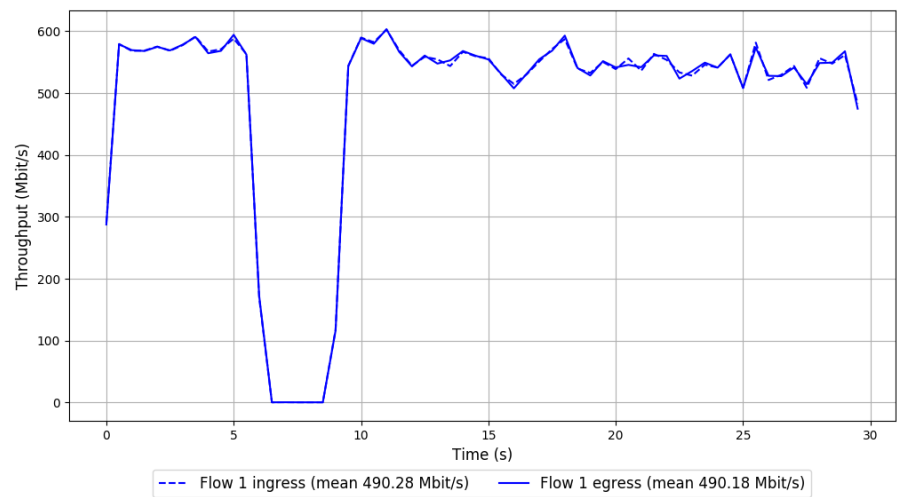


Run 2: Statistics of LEDBAT

Start at: 2017-10-10 17:51:14
End at: 2017-10-10 17:51:44
Local clock offset: 1.571 ms
Remote clock offset: -0.502 ms

Below is generated by plot.py at 2017-10-11 00:24:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 490.18 Mbit/s
95th percentile per-packet one-way delay: 9.975 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 490.18 Mbit/s
95th percentile per-packet one-way delay: 9.975 ms
Loss rate: 0.03%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2017-10-10 18:09:42

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

Local clock offset: 1.878 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2017-10-11 00:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 551.69 Mbit/s

95th percentile per-packet one-way delay: 9.005 ms

Loss rate: 0.01%

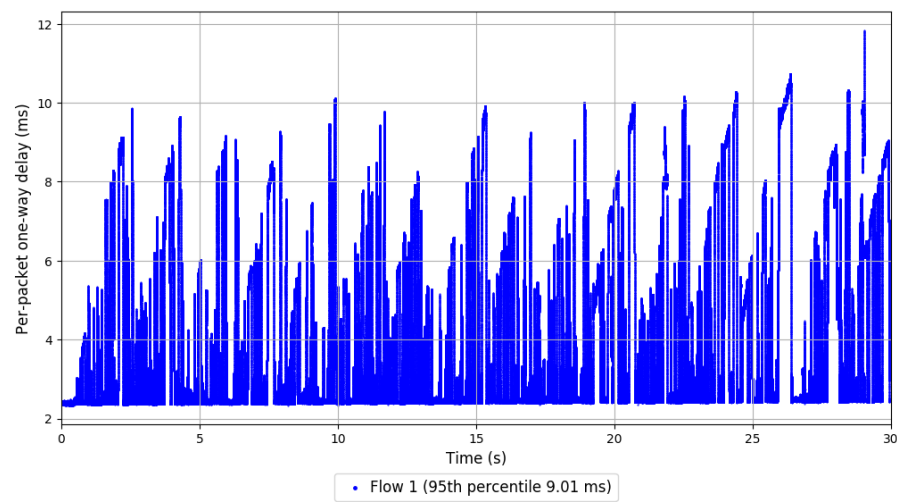
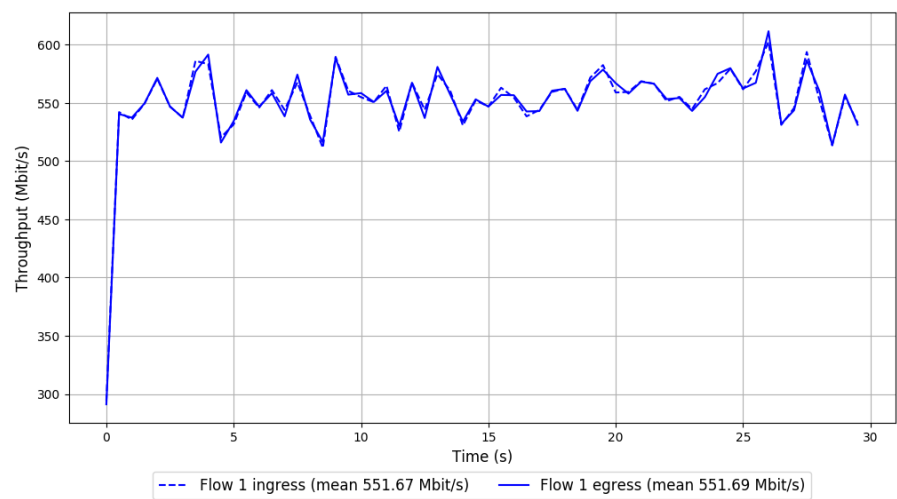
-- Flow 1:

Average throughput: 551.69 Mbit/s

95th percentile per-packet one-way delay: 9.005 ms

Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-10-10 18:28:15

End at: 2017-10-10 18:28:45

Local clock offset: 1.33 ms

Remote clock offset: 0.316 ms

Below is generated by plot.py at 2017-10-11 00:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 500.63 Mbit/s

95th percentile per-packet one-way delay: 13.933 ms

Loss rate: 0.03%

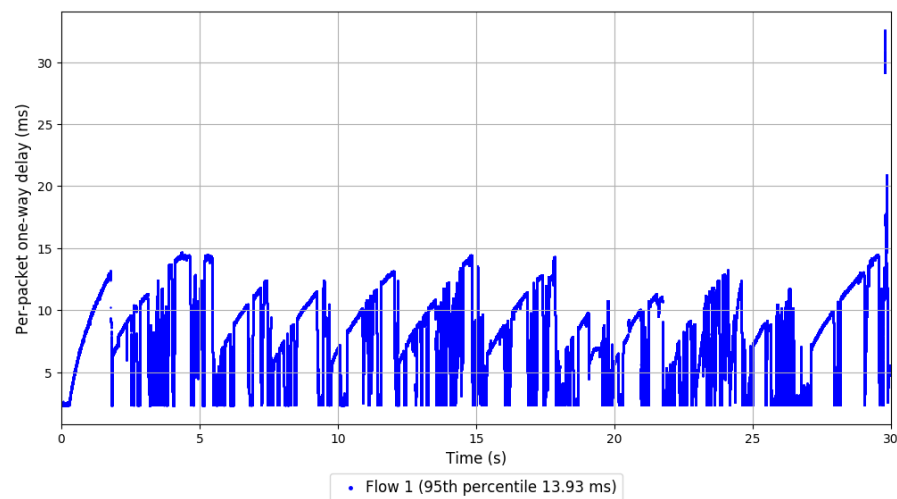
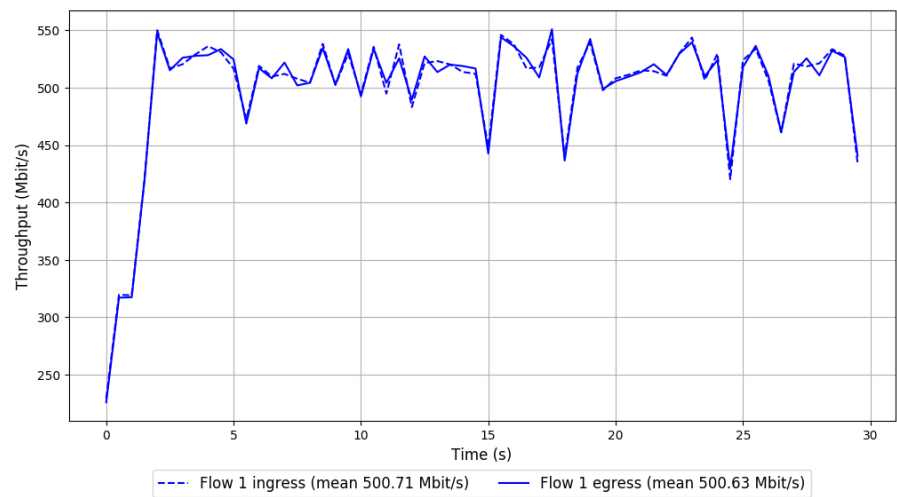
-- Flow 1:

Average throughput: 500.63 Mbit/s

95th percentile per-packet one-way delay: 13.933 ms

Loss rate: 0.03%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-10-10 18:46:47

End at: 2017-10-10 18:47:17

Local clock offset: 0.717 ms

Remote clock offset: 0.64 ms

Below is generated by plot.py at 2017-10-11 00:24:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 548.21 Mbit/s

95th percentile per-packet one-way delay: 6.357 ms

Loss rate: 0.02%

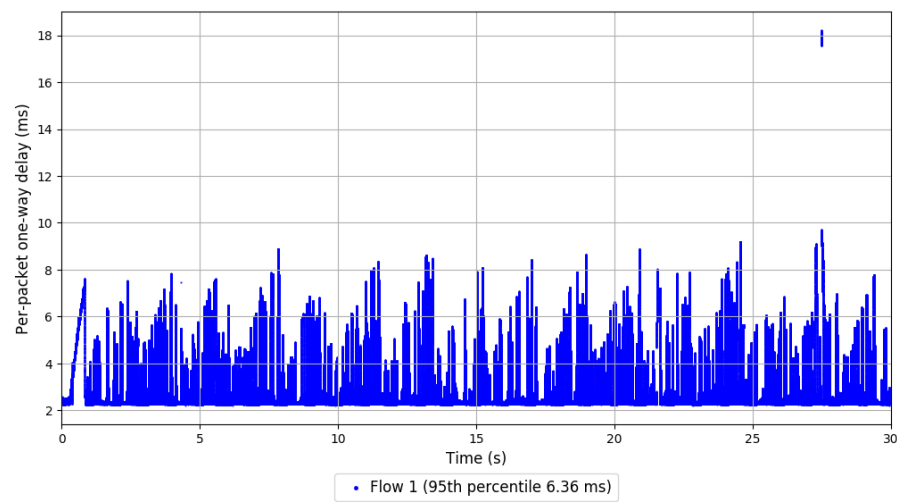
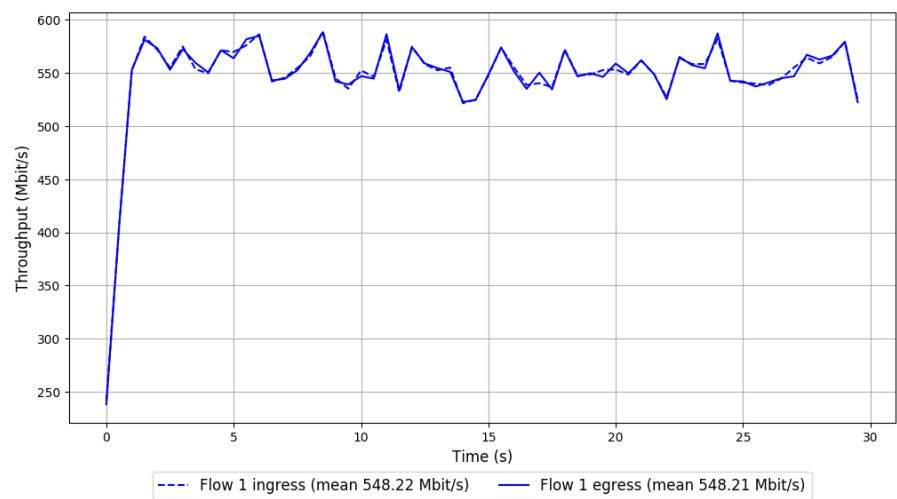
-- Flow 1:

Average throughput: 548.21 Mbit/s

95th percentile per-packet one-way delay: 6.357 ms

Loss rate: 0.02%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2017-10-10 19:05:29

End at: 2017-10-10 19:05:59

Local clock offset: 0.677 ms

Remote clock offset: 0.899 ms

Below is generated by plot.py at 2017-10-11 00:27:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 552.47 Mbit/s

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

Loss rate: 0.02%

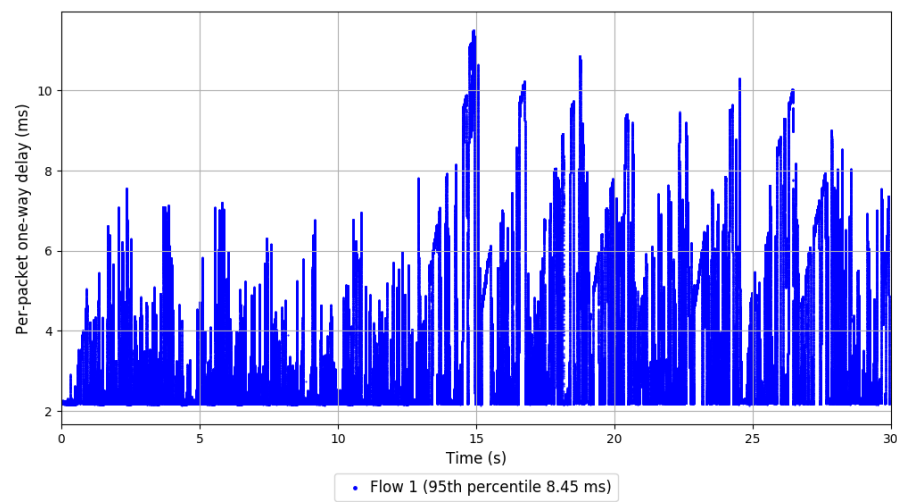
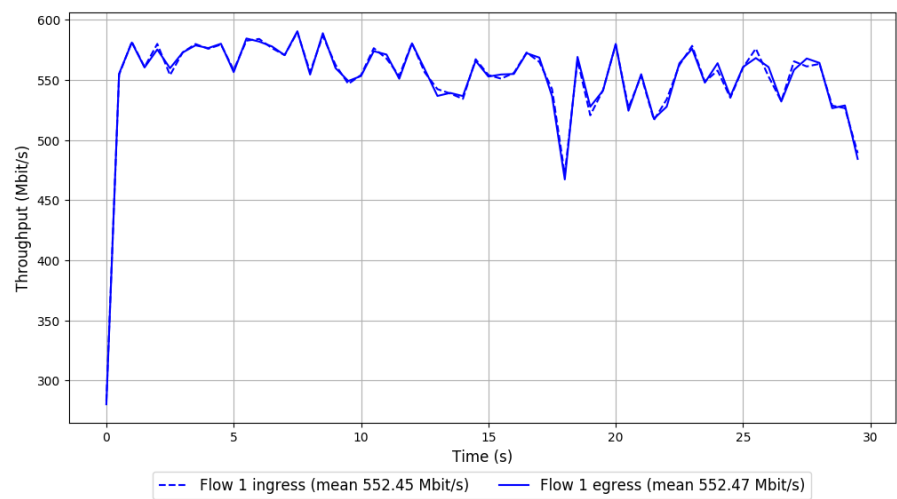
-- Flow 1:

Average throughput: 552.47 Mbit/s

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

Loss rate: 0.02%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2017-10-10 19:24:02

End at: 2017-10-10 19:24:32

Local clock offset: 1.113 ms

Remote clock offset: 1.161 ms

Below is generated by plot.py at 2017-10-11 00:28:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 549.85 Mbit/s

95th percentile per-packet one-way delay: 8.148 ms

Loss rate: 0.01%

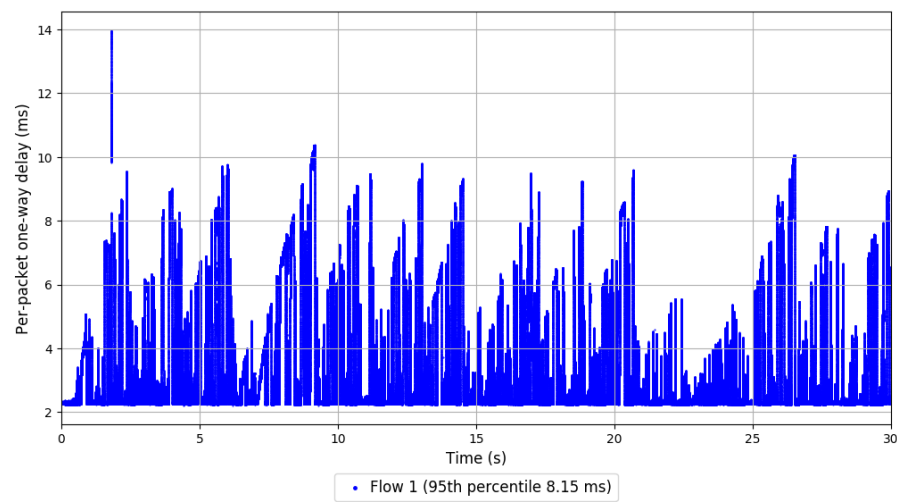
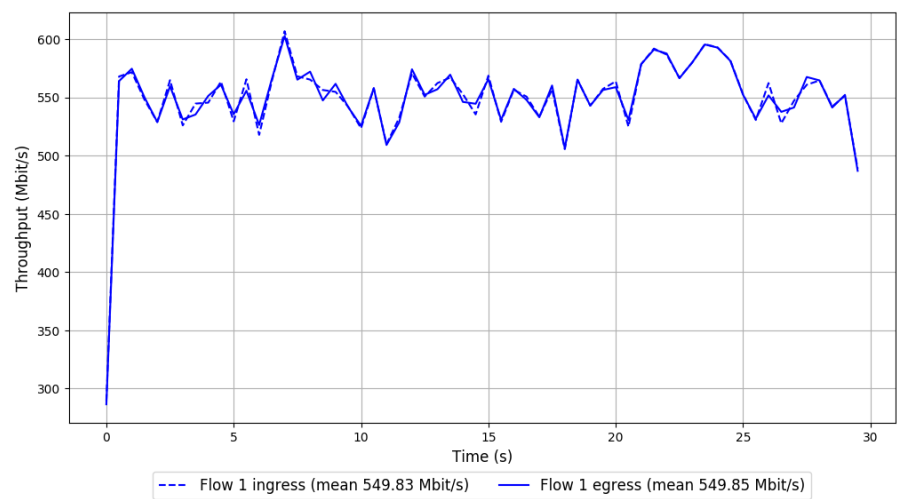
-- Flow 1:

Average throughput: 549.85 Mbit/s

95th percentile per-packet one-way delay: 8.148 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-10-10 19:42:15

End at: 2017-10-10 19:42:45

Local clock offset: 1.277 ms

Remote clock offset: 1.181 ms

Below is generated by plot.py at 2017-10-11 00:28:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 538.58 Mbit/s

95th percentile per-packet one-way delay: 9.971 ms

Loss rate: 0.01%

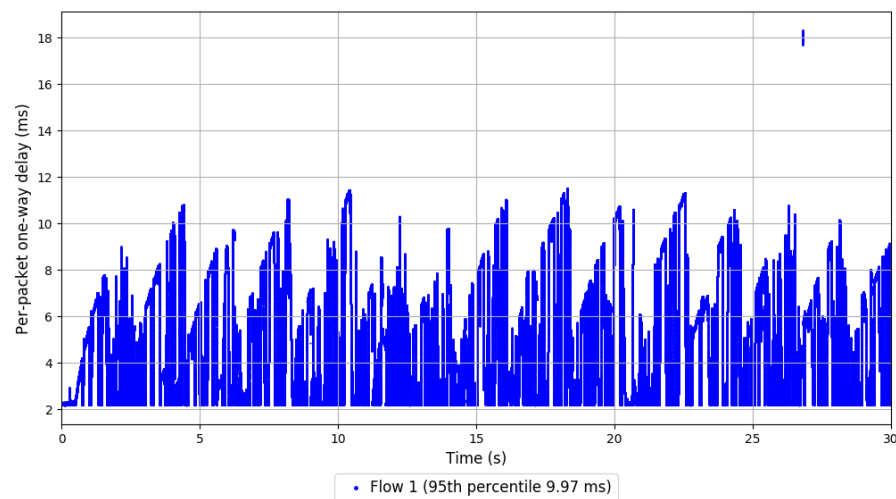
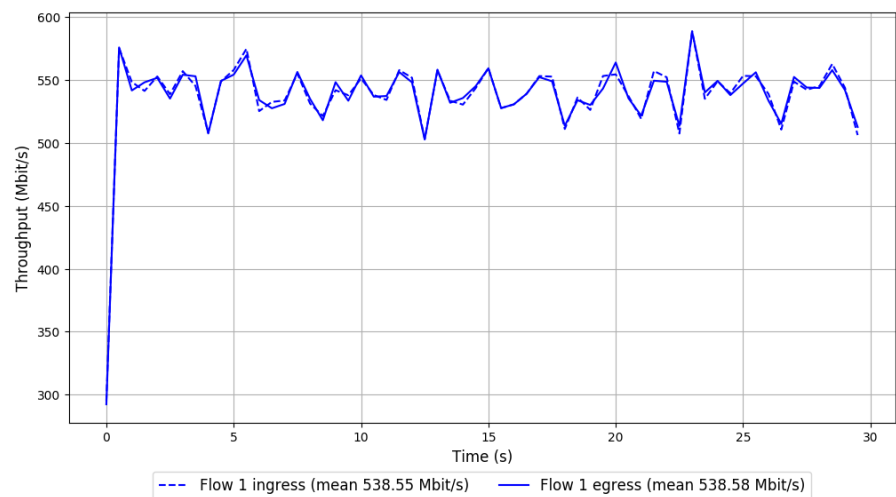
-- Flow 1:

Average throughput: 538.58 Mbit/s

95th percentile per-packet one-way delay: 9.971 ms

Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2017-10-10 20:00:49

End at: 2017-10-10 20:01:19

Local clock offset: 1.053 ms

Remote clock offset: 0.94 ms

Below is generated by plot.py at 2017-10-11 00:28:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 549.61 Mbit/s

95th percentile per-packet one-way delay: 8.658 ms

Loss rate: 0.01%

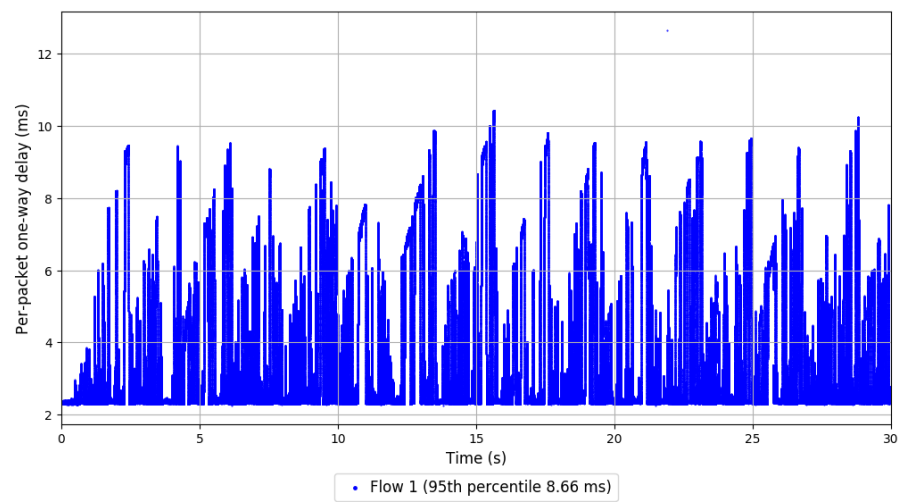
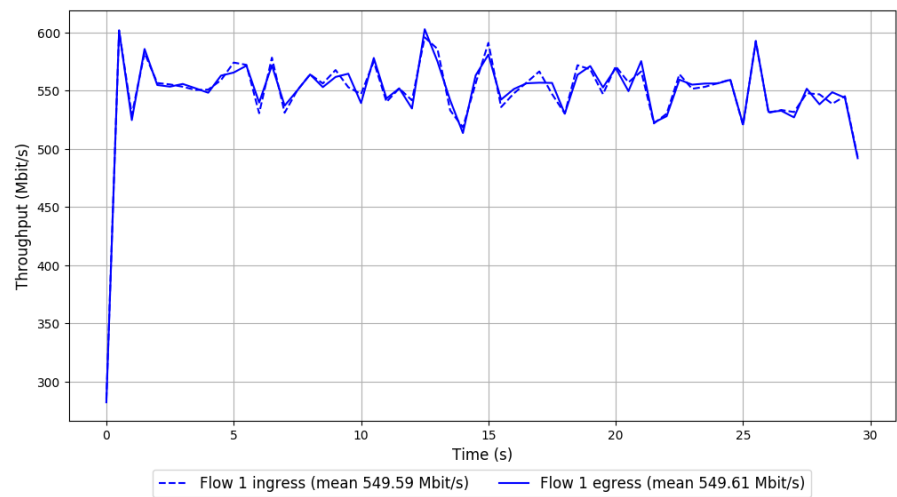
-- Flow 1:

Average throughput: 549.61 Mbit/s

95th percentile per-packet one-way delay: 8.658 ms

Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2017-10-10 20:19:24

End at: 2017-10-10 20:19:54

Local clock offset: 1.085 ms

Remote clock offset: 0.839 ms

Below is generated by plot.py at 2017-10-11 00:30:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 573.76 Mbit/s

95th percentile per-packet one-way delay: 4.554 ms

Loss rate: 0.02%

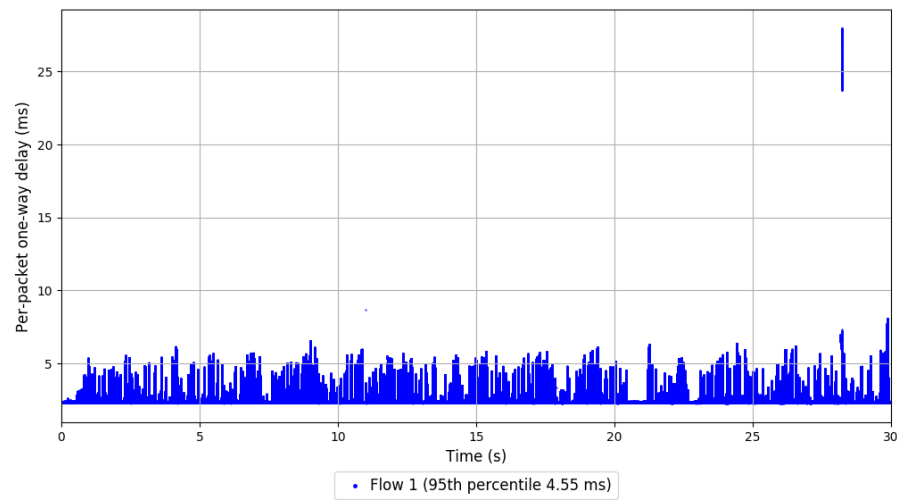
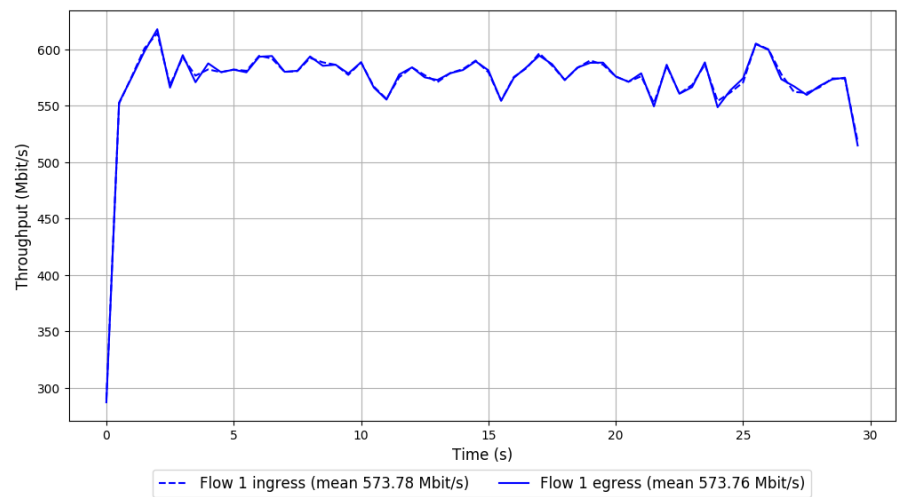
-- Flow 1:

Average throughput: 573.76 Mbit/s

95th percentile per-packet one-way delay: 4.554 ms

Loss rate: 0.02%

Run 10: Report of LEDBAT — Data Link

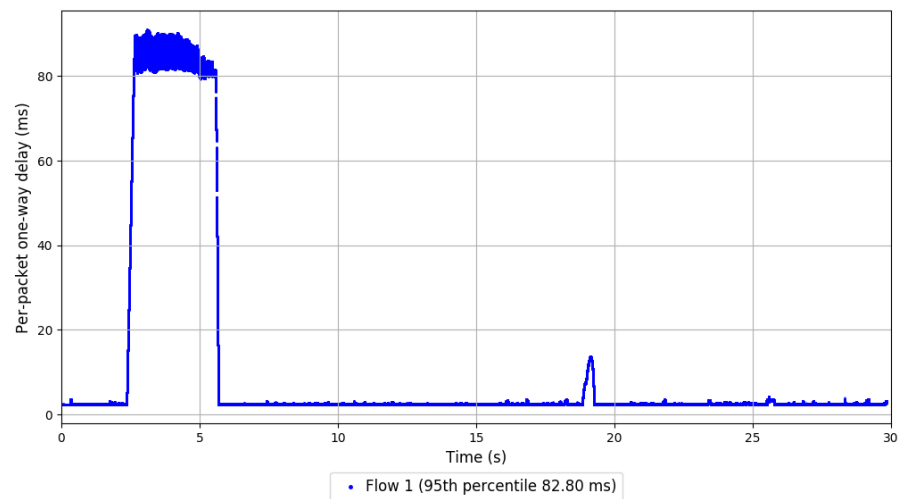
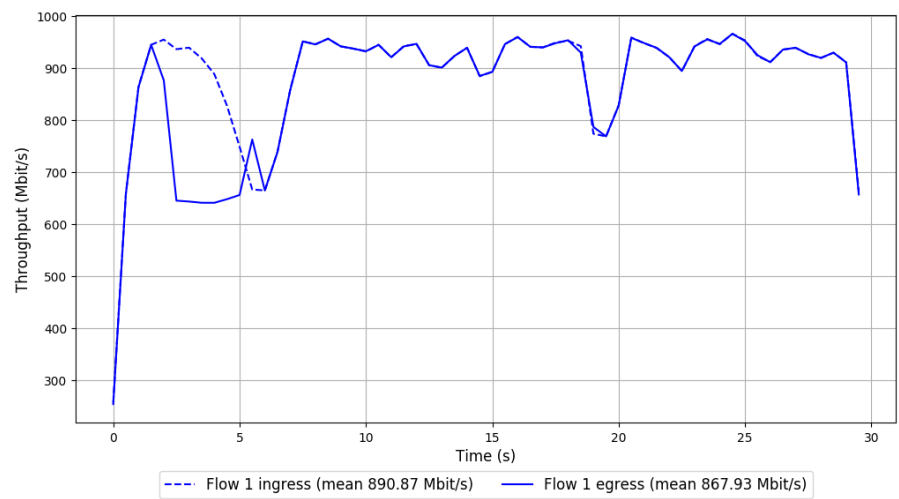


Run 1: Statistics of PCC

Start at: 2017-10-10 17:38:00
End at: 2017-10-10 17:38:30
Local clock offset: 1.085 ms
Remote clock offset: -0.861 ms

Below is generated by plot.py at 2017-10-11 00:35:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 867.93 Mbit/s
95th percentile per-packet one-way delay: 82.796 ms
Loss rate: 2.59%
-- Flow 1:
Average throughput: 867.93 Mbit/s
95th percentile per-packet one-way delay: 82.796 ms
Loss rate: 2.59%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-10-10 17:56:27

End at: 2017-10-10 17:56:57

Local clock offset: 1.562 ms

Remote clock offset: -0.27 ms

Below is generated by plot.py at 2017-10-11 00:36:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 929.00 Mbit/s

95th percentile per-packet one-way delay: 2.725 ms

Loss rate: 0.01%

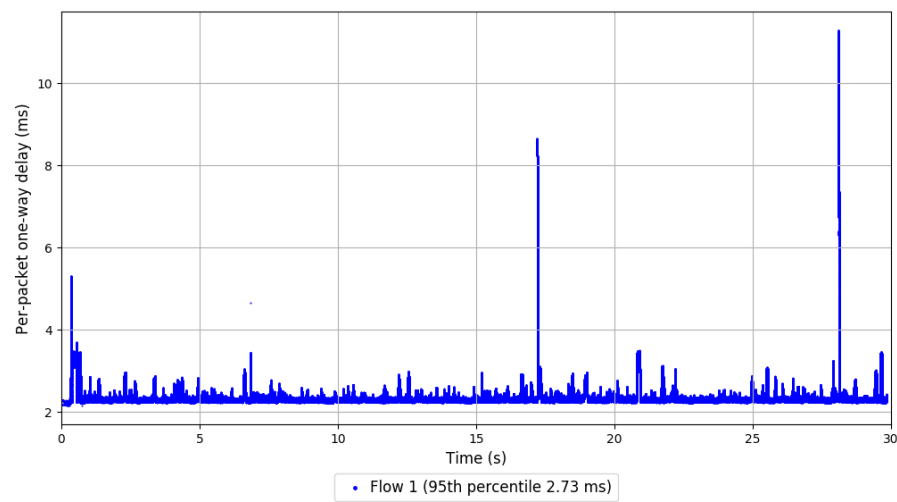
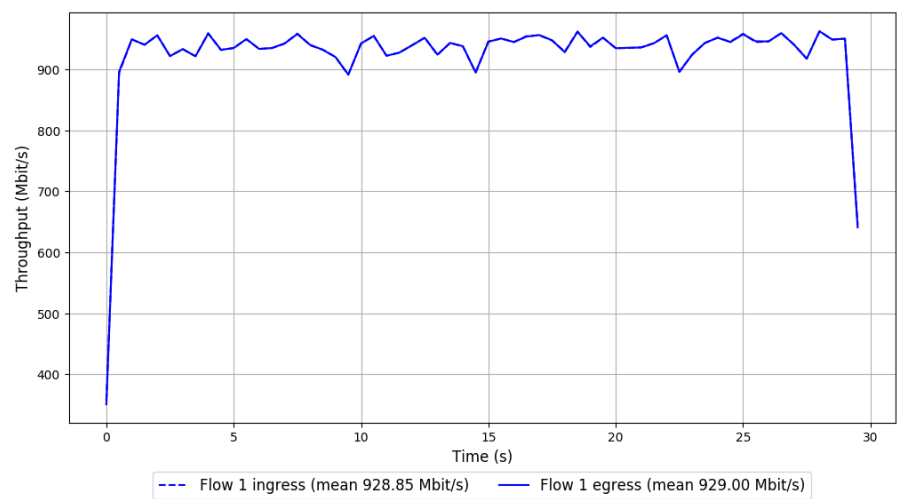
-- Flow 1:

Average throughput: 929.00 Mbit/s

95th percentile per-packet one-way delay: 2.725 ms

Loss rate: 0.01%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2017-10-10 18:15:04

End at: 2017-10-10 18:15:34

Local clock offset: 1.268 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2017-10-11 00:36:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 925.10 Mbit/s

95th percentile per-packet one-way delay: 2.739 ms

Loss rate: 0.01%

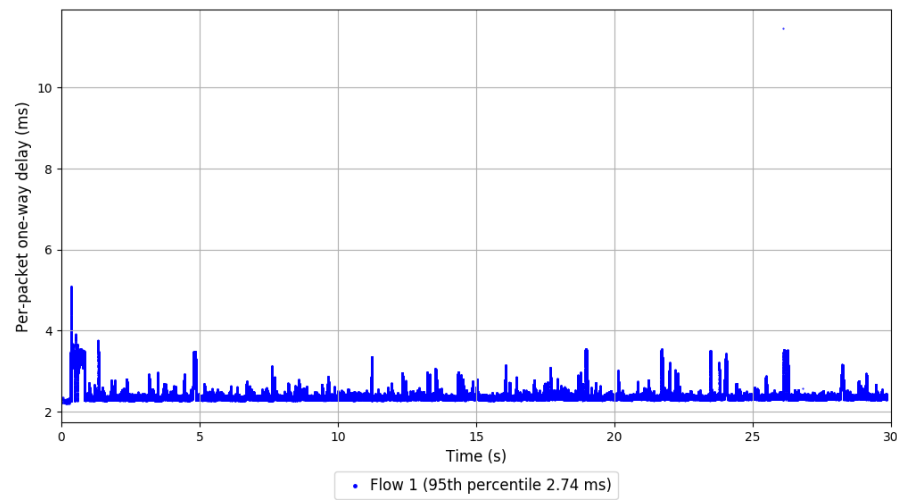
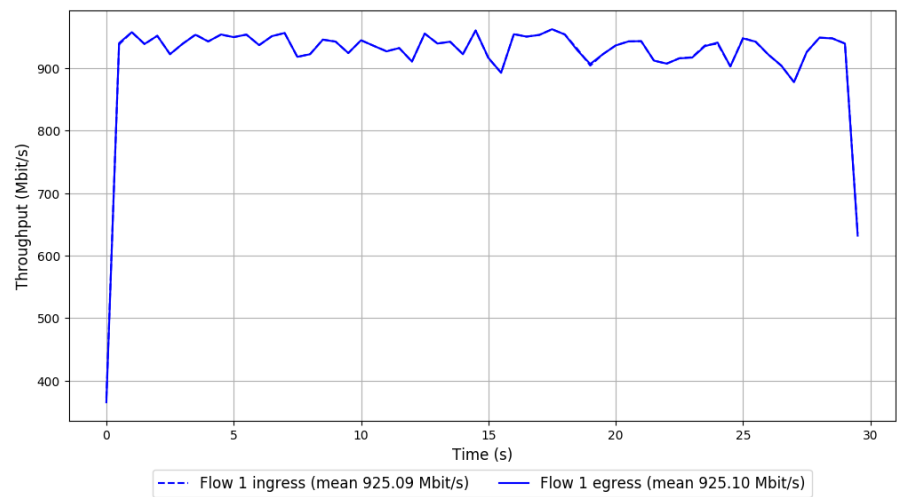
-- Flow 1:

Average throughput: 925.10 Mbit/s

95th percentile per-packet one-way delay: 2.739 ms

Loss rate: 0.01%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-10-10 18:33:37

End at: 2017-10-10 18:34:07

Local clock offset: 1.079 ms

Remote clock offset: 0.465 ms

Below is generated by plot.py at 2017-10-11 00:41:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 912.81 Mbit/s

95th percentile per-packet one-way delay: 2.705 ms

Loss rate: 0.02%

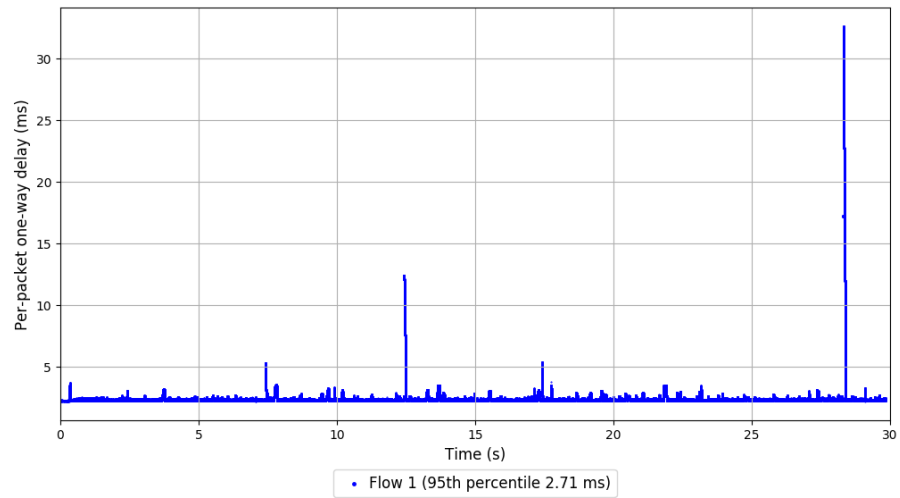
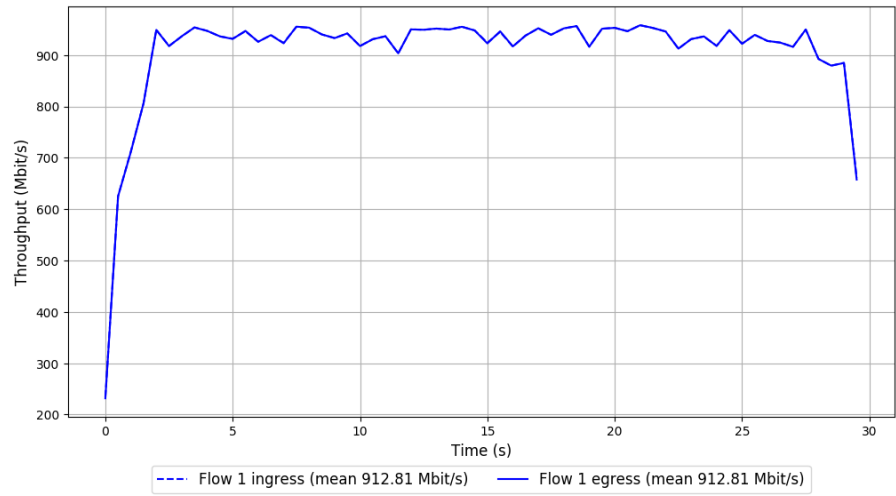
-- Flow 1:

Average throughput: 912.81 Mbit/s

95th percentile per-packet one-way delay: 2.705 ms

Loss rate: 0.02%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-10-10 18:52:10

End at: 2017-10-10 18:52:40

Local clock offset: 0.832 ms

Remote clock offset: 0.765 ms

Below is generated by plot.py at 2017-10-11 00:42:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 930.47 Mbit/s

95th percentile per-packet one-way delay: 2.692 ms

Loss rate: 0.02%

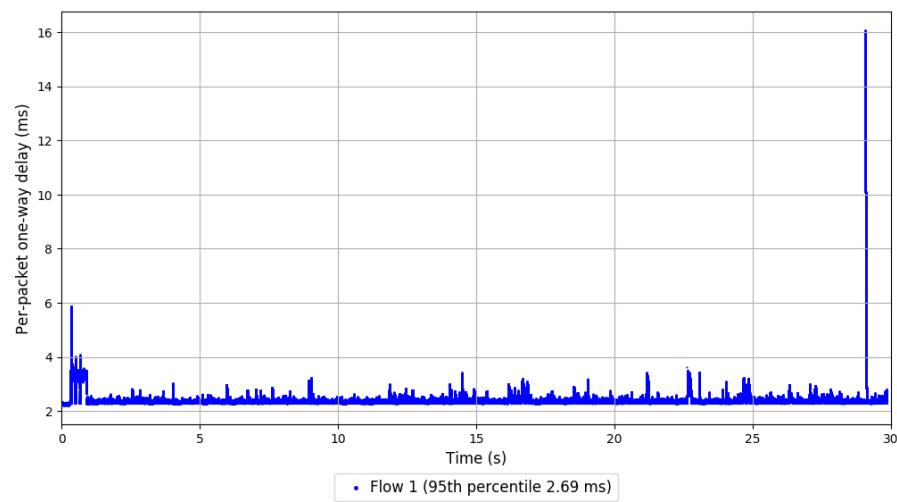
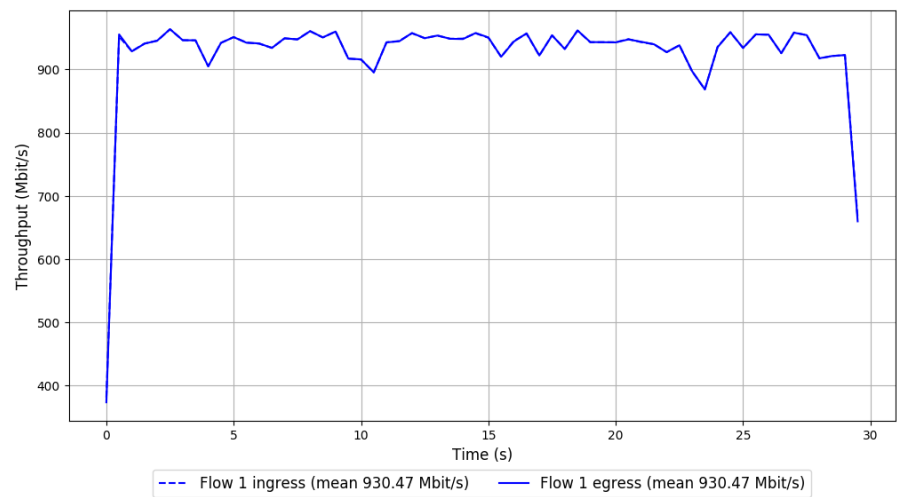
-- Flow 1:

Average throughput: 930.47 Mbit/s

95th percentile per-packet one-way delay: 2.692 ms

Loss rate: 0.02%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2017-10-10 19:10:51

End at: 2017-10-10 19:11:21

Local clock offset: 0.76 ms

Remote clock offset: 0.865 ms

Below is generated by plot.py at 2017-10-11 00:42:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 915.04 Mbit/s

95th percentile per-packet one-way delay: 2.991 ms

Loss rate: 0.02%

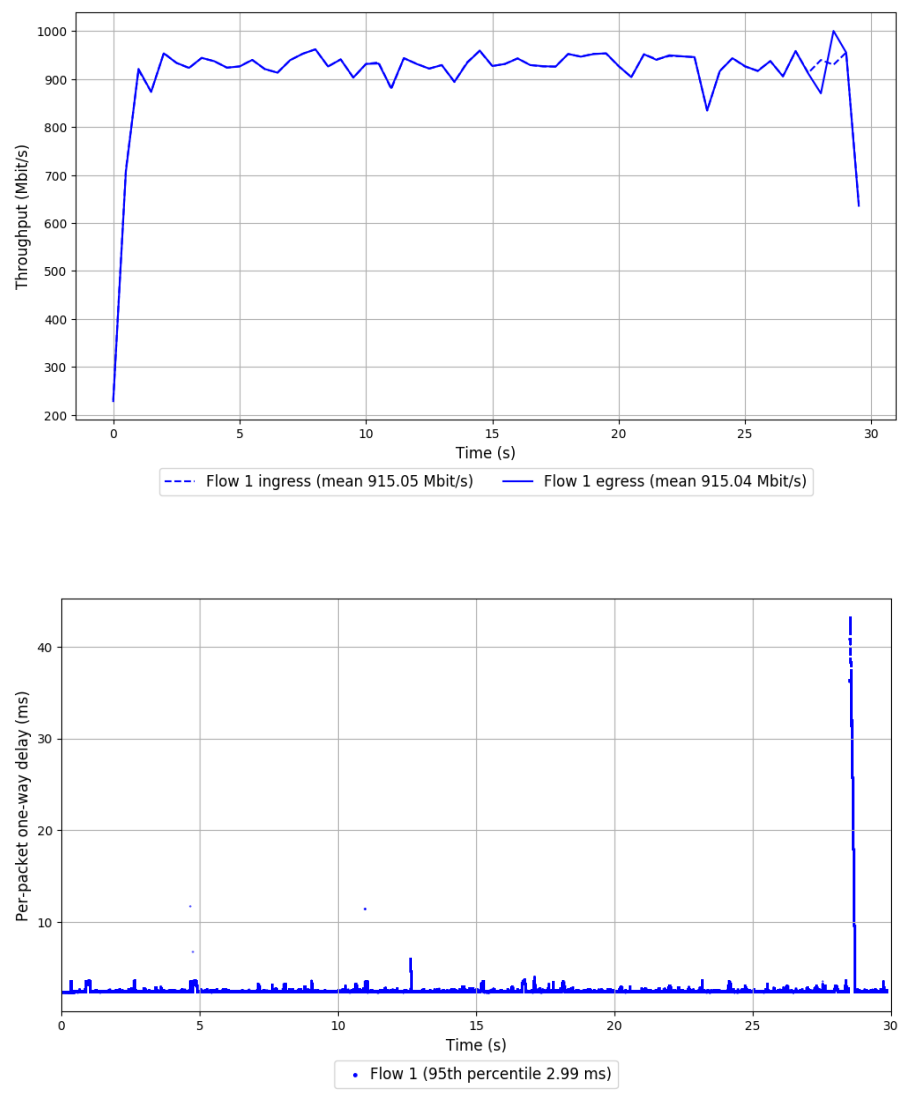
-- Flow 1:

Average throughput: 915.04 Mbit/s

95th percentile per-packet one-way delay: 2.991 ms

Loss rate: 0.02%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2017-10-10 19:29:23

End at: 2017-10-10 19:29:53

Local clock offset: 1.17 ms

Remote clock offset: 1.191 ms

Below is generated by plot.py at 2017-10-11 00:43:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 916.41 Mbit/s

95th percentile per-packet one-way delay: 2.776 ms

Loss rate: 0.02%

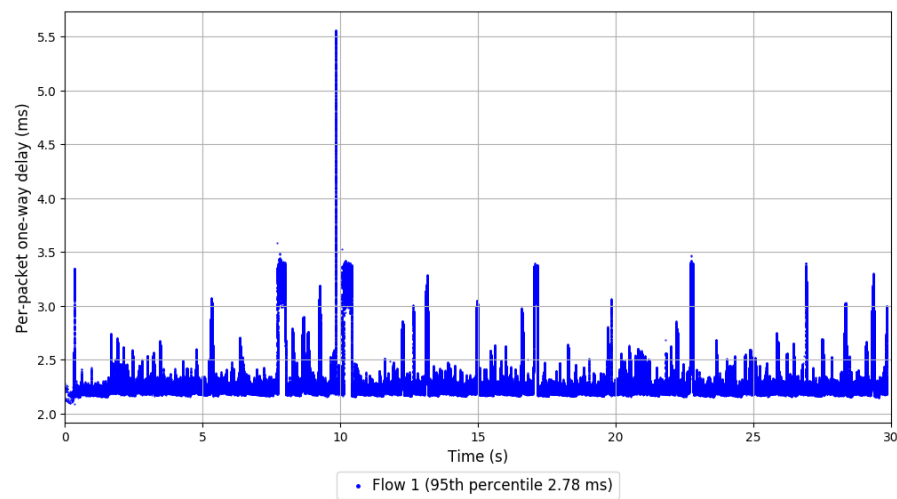
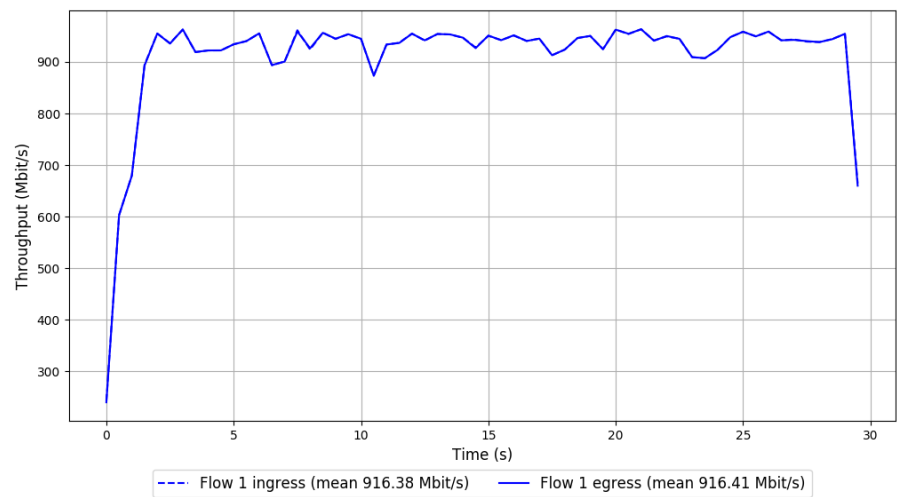
-- Flow 1:

Average throughput: 916.41 Mbit/s

95th percentile per-packet one-way delay: 2.776 ms

Loss rate: 0.02%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2017-10-10 19:47:39

End at: 2017-10-10 19:48:09

Local clock offset: 0.957 ms

Remote clock offset: 0.798 ms

Below is generated by plot.py at 2017-10-11 00:45:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 915.63 Mbit/s

95th percentile per-packet one-way delay: 3.226 ms

Loss rate: 0.02%

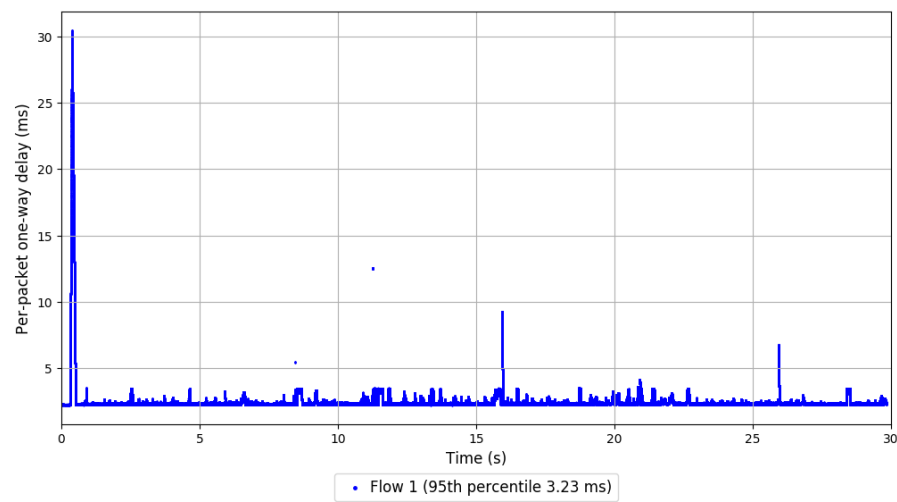
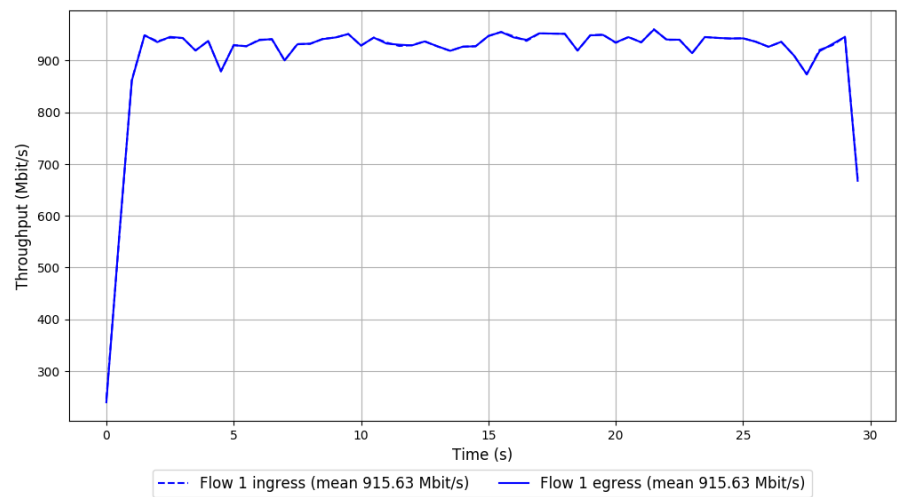
-- Flow 1:

Average throughput: 915.63 Mbit/s

95th percentile per-packet one-way delay: 3.226 ms

Loss rate: 0.02%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2017-10-10 20:06:12

End at: 2017-10-10 20:06:42

Local clock offset: 1.054 ms

Remote clock offset: 0.971 ms

Below is generated by plot.py at 2017-10-11 00:50:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 927.90 Mbit/s

95th percentile per-packet one-way delay: 3.231 ms

Loss rate: 0.02%

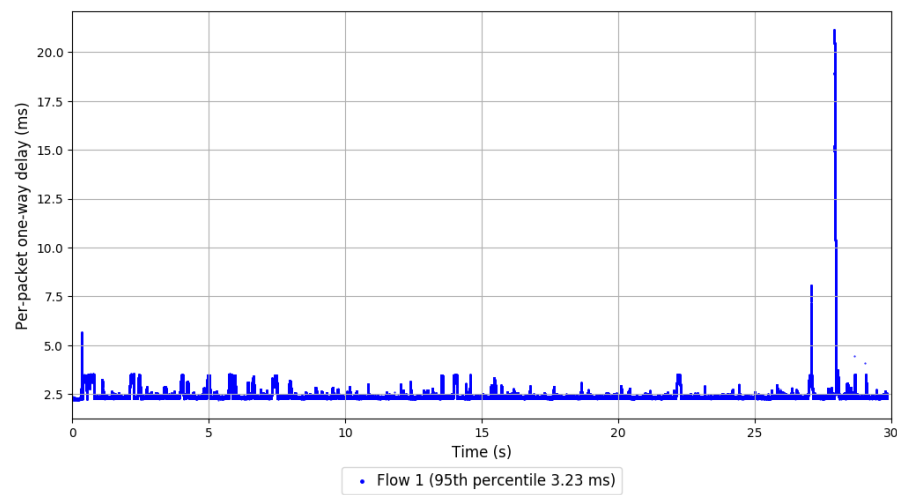
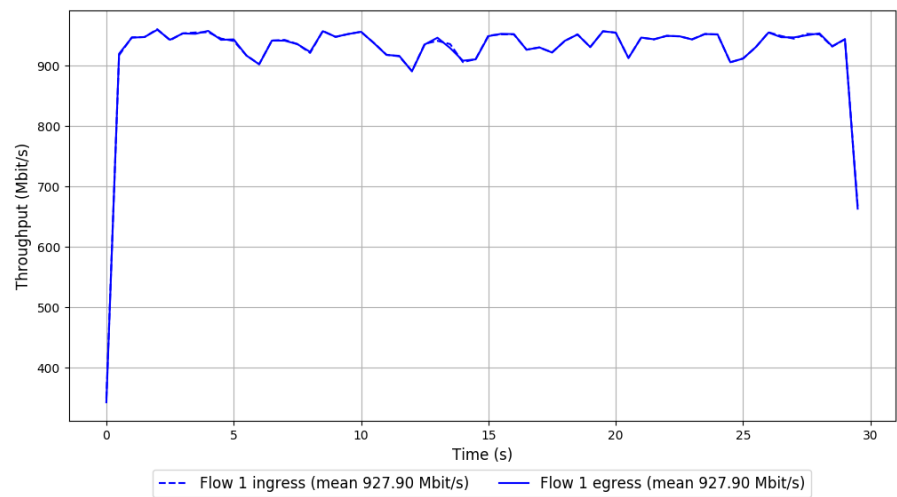
-- Flow 1:

Average throughput: 927.90 Mbit/s

95th percentile per-packet one-way delay: 3.231 ms

Loss rate: 0.02%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-10-10 20:24:44

End at: 2017-10-10 20:25:14

Local clock offset: 1.075 ms

Remote clock offset: 0.787 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 916.34 Mbit/s

95th percentile per-packet one-way delay: 2.758 ms

Loss rate: 0.02%

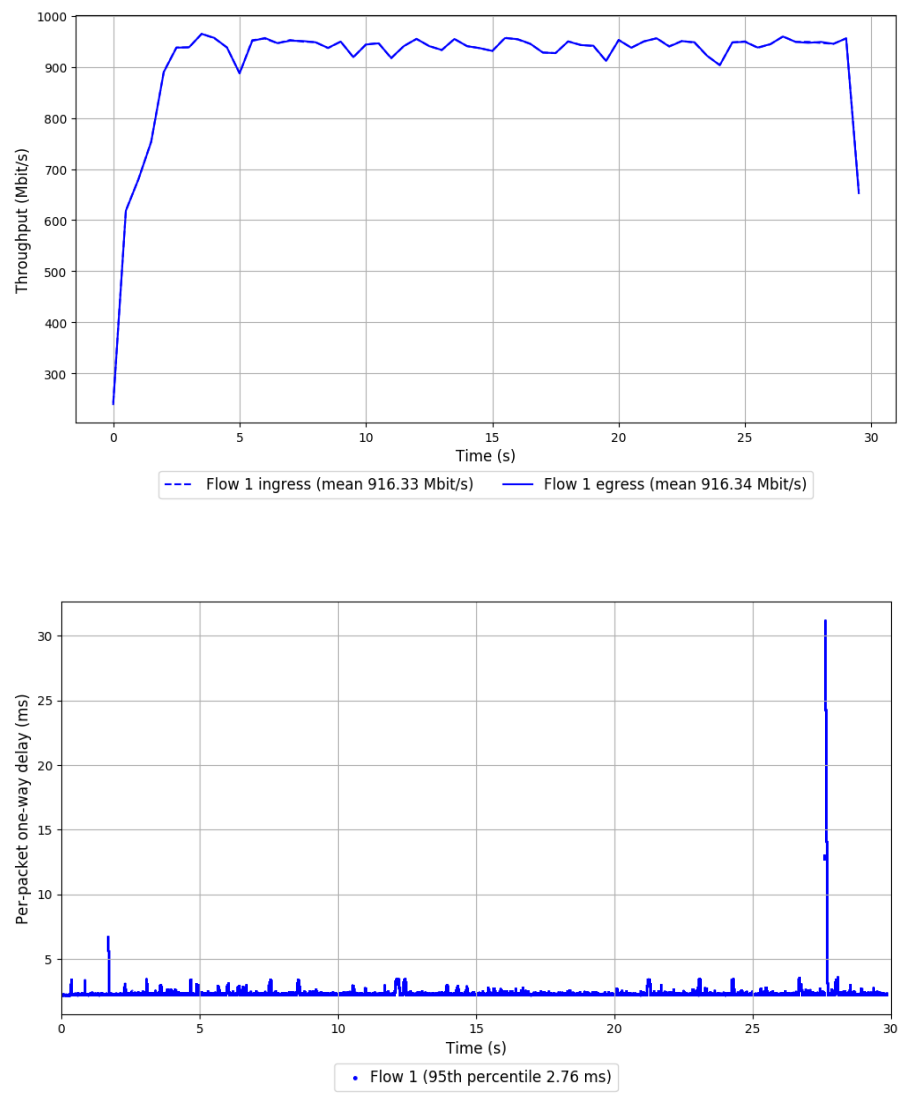
-- Flow 1:

Average throughput: 916.34 Mbit/s

95th percentile per-packet one-way delay: 2.758 ms

Loss rate: 0.02%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-10-10 17:42:04

End at: 2017-10-10 17:42:34

Local clock offset: 0.993 ms

Remote clock offset: -0.773 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.28 Mbit/s

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

Loss rate: 0.01%

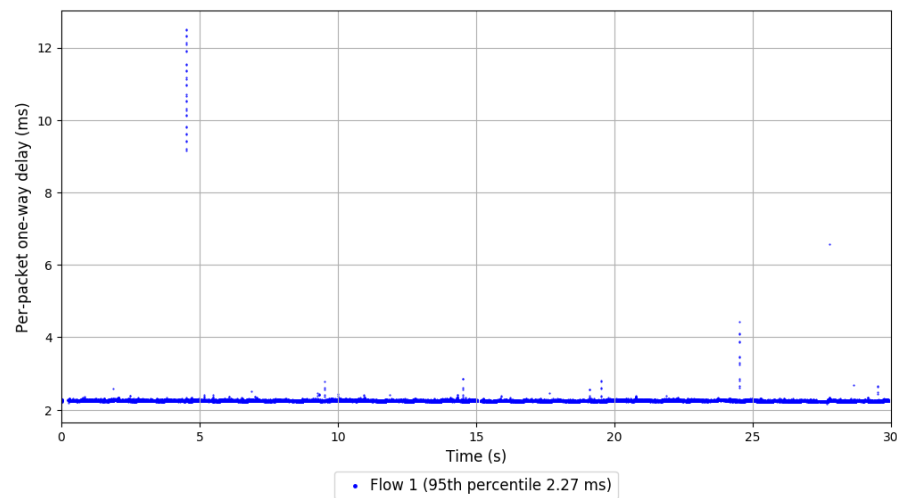
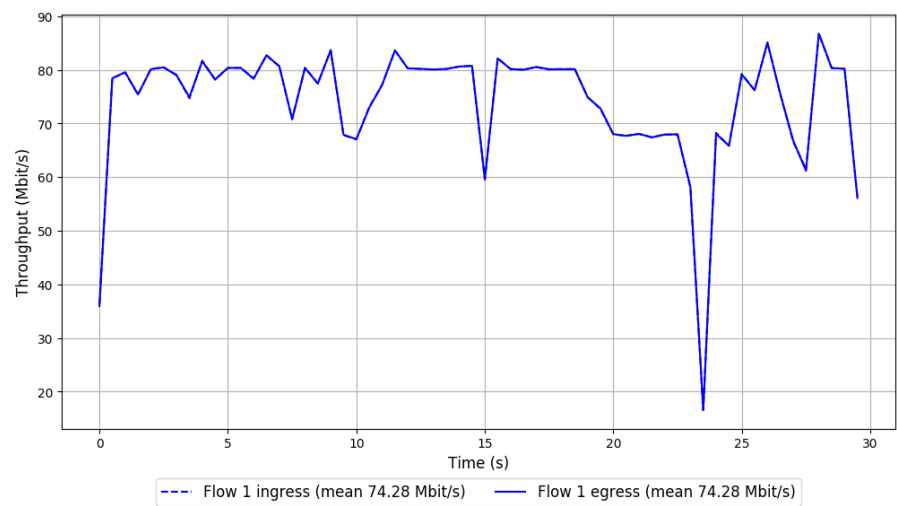
-- Flow 1:

Average throughput: 74.28 Mbit/s

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

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2017-10-10 18:00:33

End at: 2017-10-10 18:01:03

Local clock offset: 1.656 ms

Remote clock offset: -0.315 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.98 Mbit/s

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

Loss rate: 0.02%

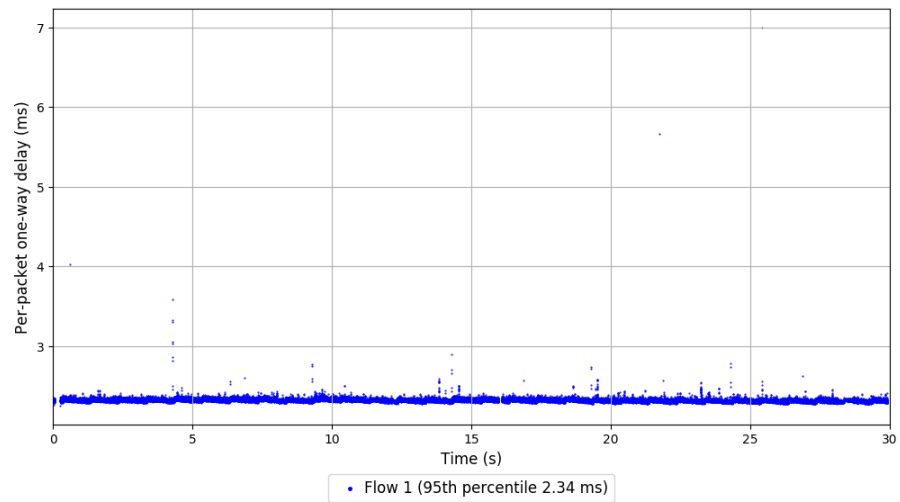
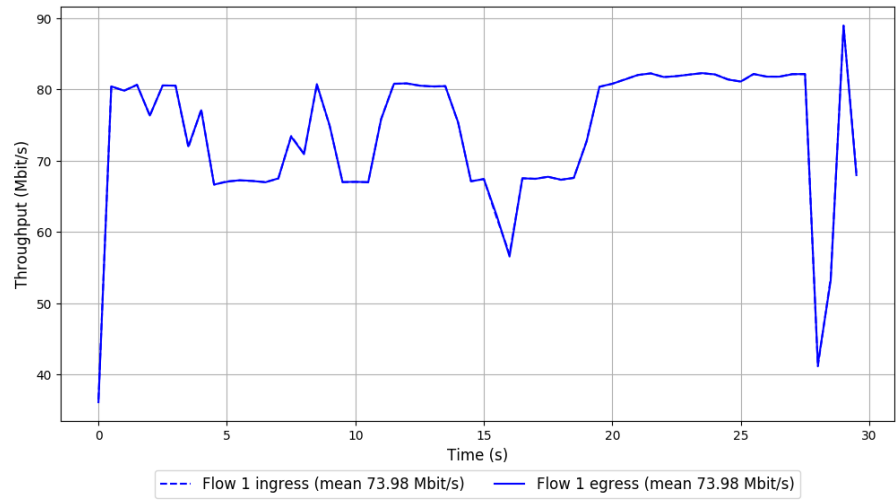
-- Flow 1:

Average throughput: 73.98 Mbit/s

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

Loss rate: 0.02%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-10-10 18:19:14

End at: 2017-10-10 18:19:44

Local clock offset: 1.265 ms

Remote clock offset: 0.16 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.22 Mbit/s

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

Loss rate: 0.01%

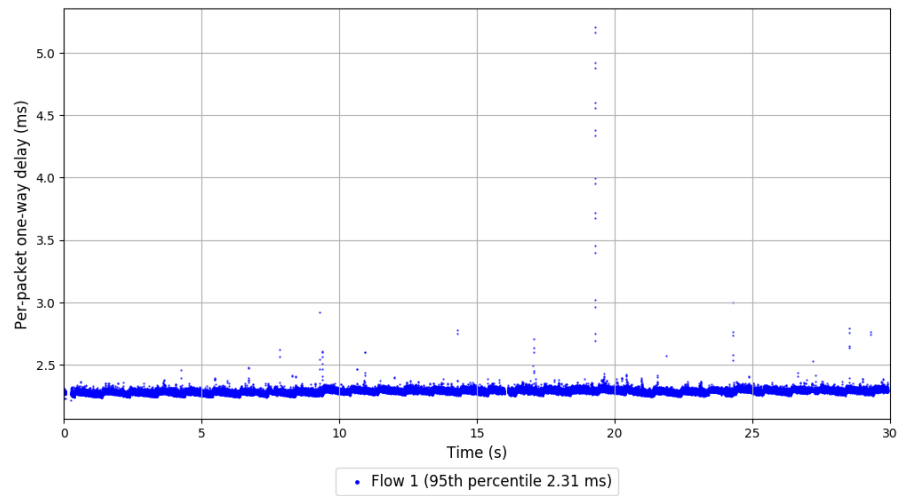
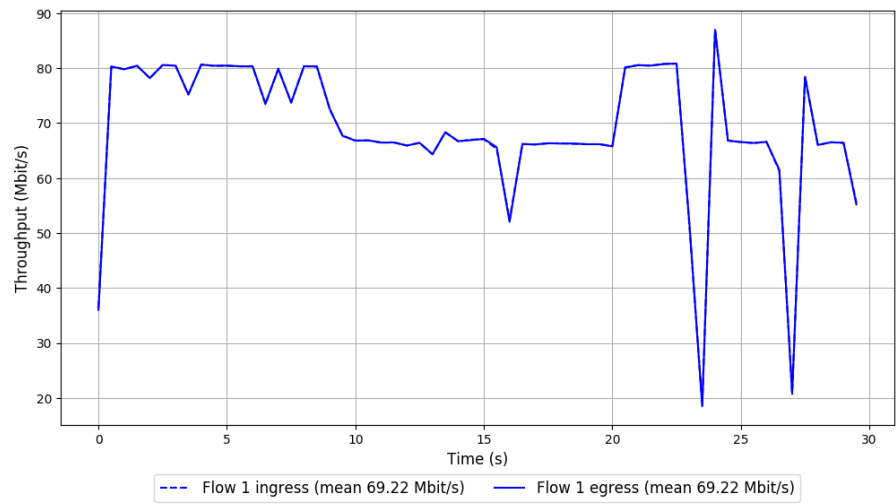
-- Flow 1:

Average throughput: 69.22 Mbit/s

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

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-10-10 18:37:42

End at: 2017-10-10 18:38:12

Local clock offset: 0.817 ms

Remote clock offset: 0.388 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.93 Mbit/s

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

Loss rate: 0.02%

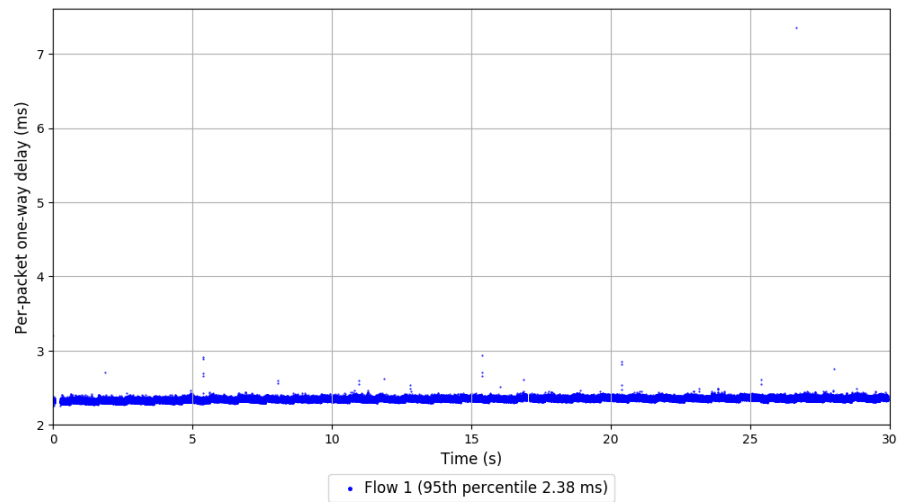
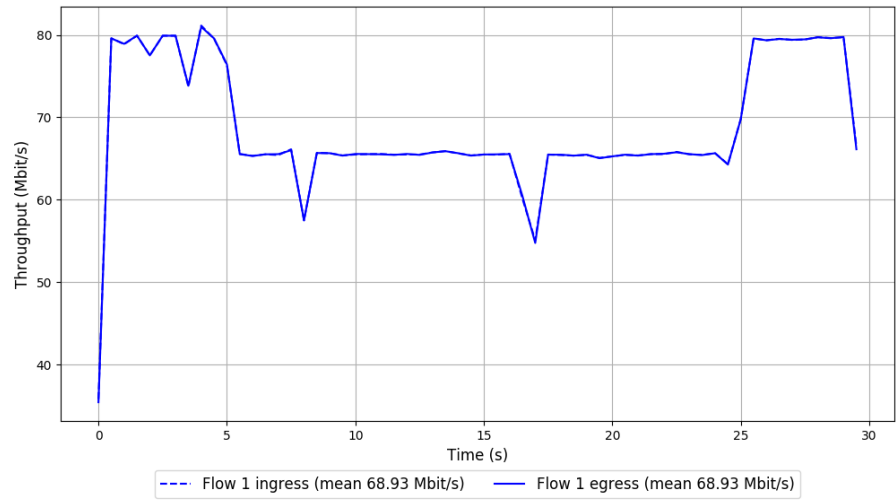
-- Flow 1:

Average throughput: 68.93 Mbit/s

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

Loss rate: 0.02%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-10-10 18:56:17

End at: 2017-10-10 18:56:47

Local clock offset: 0.768 ms

Remote clock offset: 0.821 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: 2.229 ms

Loss rate: 0.39%

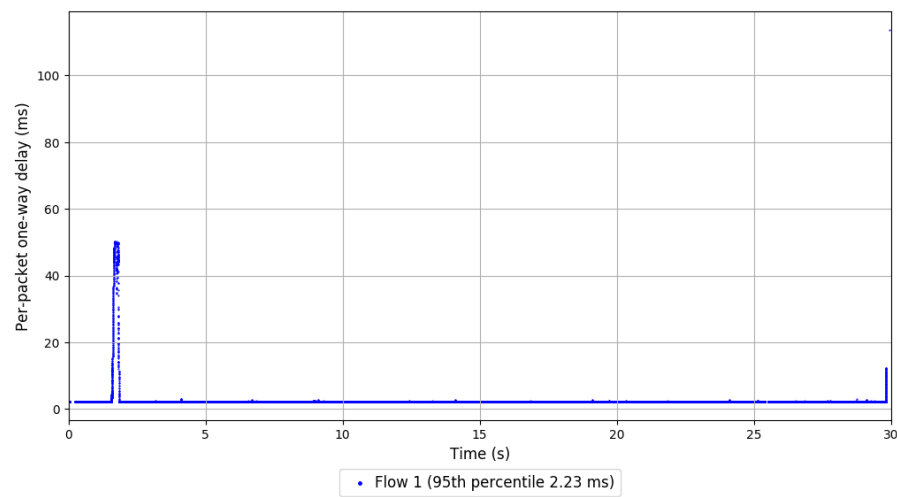
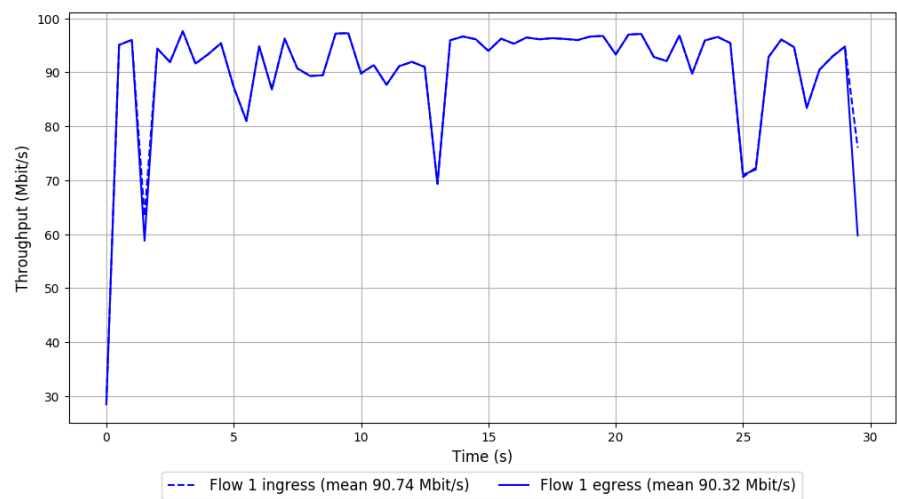
-- Flow 1:

Average throughput: 90.32 Mbit/s

95th percentile per-packet one-way delay: 2.229 ms

Loss rate: 0.39%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-10-10 19:14:52

End at: 2017-10-10 19:15:22

Local clock offset: 0.825 ms

Remote clock offset: 0.919 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.14 Mbit/s

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

Loss rate: 0.02%

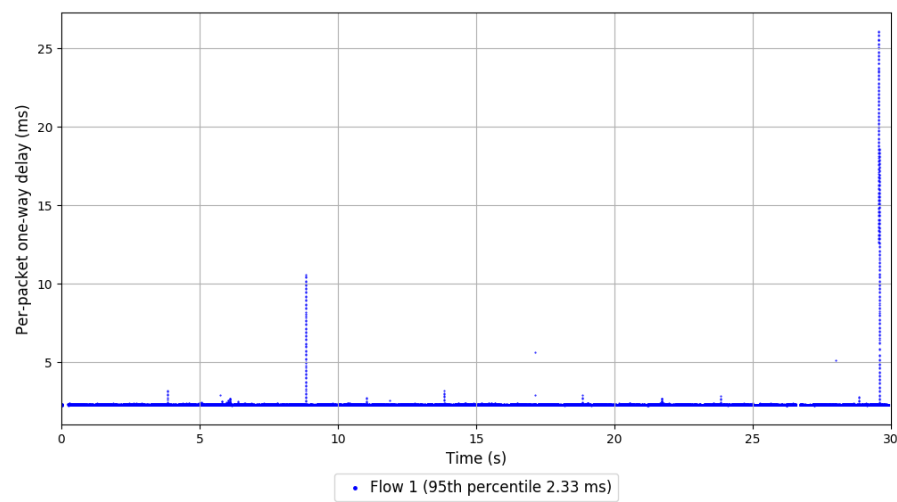
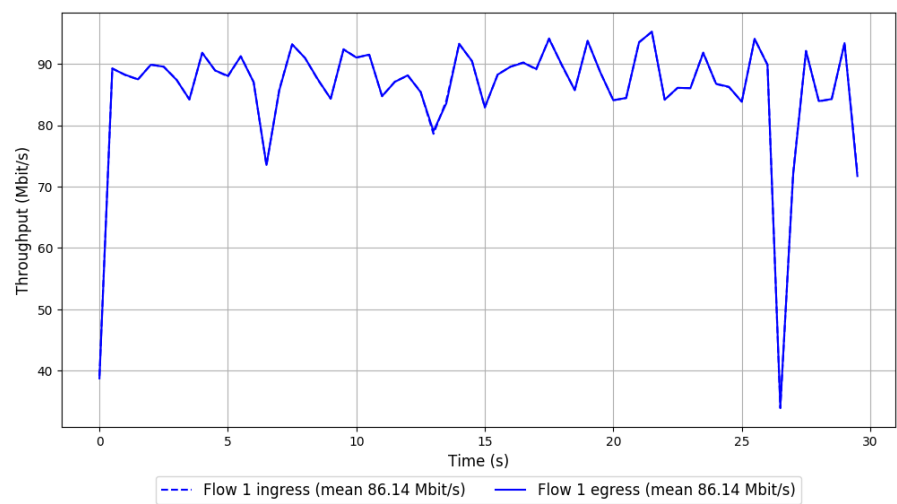
-- Flow 1:

Average throughput: 86.14 Mbit/s

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

Loss rate: 0.02%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2017-10-10 19:33:27

End at: 2017-10-10 19:33:57

Local clock offset: 1.315 ms

Remote clock offset: 1.177 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 2.279 ms

Loss rate: 0.04%

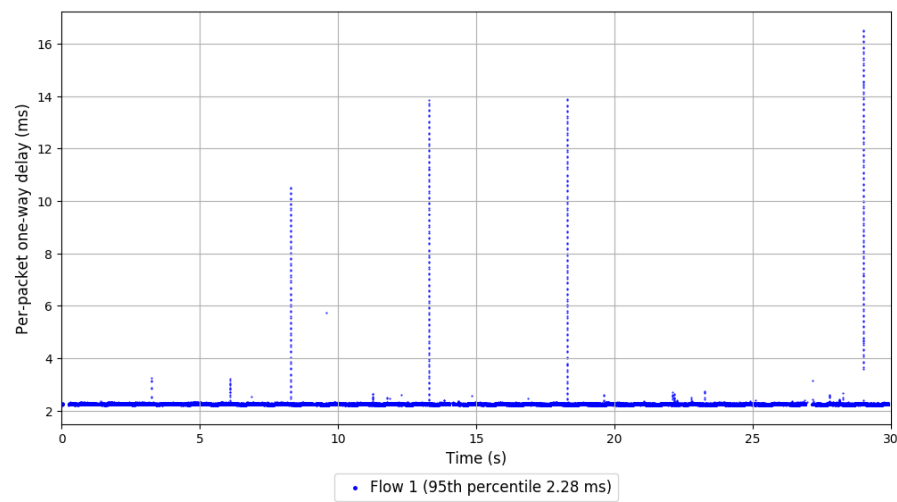
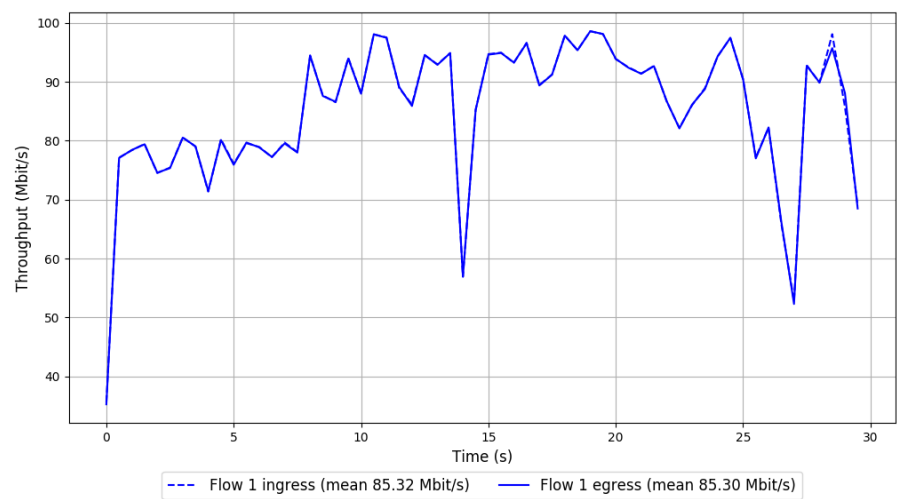
-- Flow 1:

Average throughput: 85.30 Mbit/s

95th percentile per-packet one-way delay: 2.279 ms

Loss rate: 0.04%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-10-10 19:51:41

End at: 2017-10-10 19:52:11

Local clock offset: 1.139 ms

Remote clock offset: 1.069 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.85 Mbit/s

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

Loss rate: 0.02%

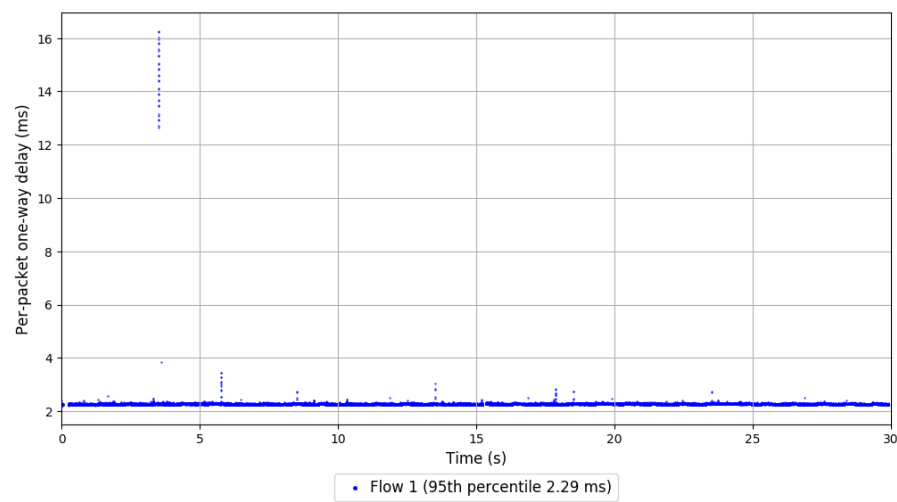
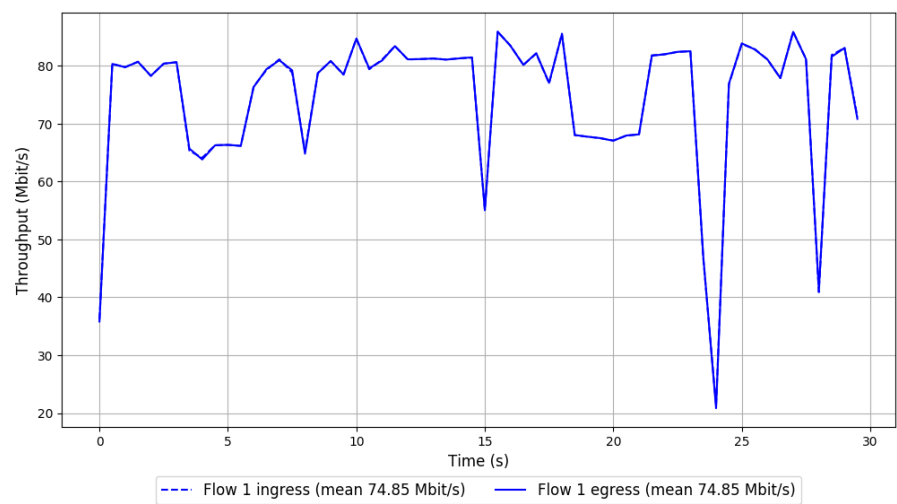
-- Flow 1:

Average throughput: 74.85 Mbit/s

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

Loss rate: 0.02%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-10-10 20:10:18

End at: 2017-10-10 20:10:48

Local clock offset: 1.044 ms

Remote clock offset: 0.959 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.73 Mbit/s

95th percentile per-packet one-way delay: 2.282 ms

Loss rate: 0.02%

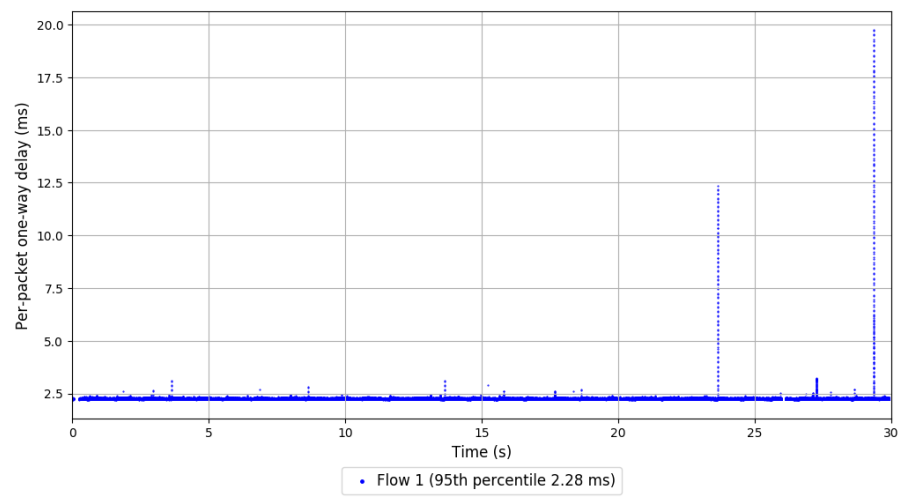
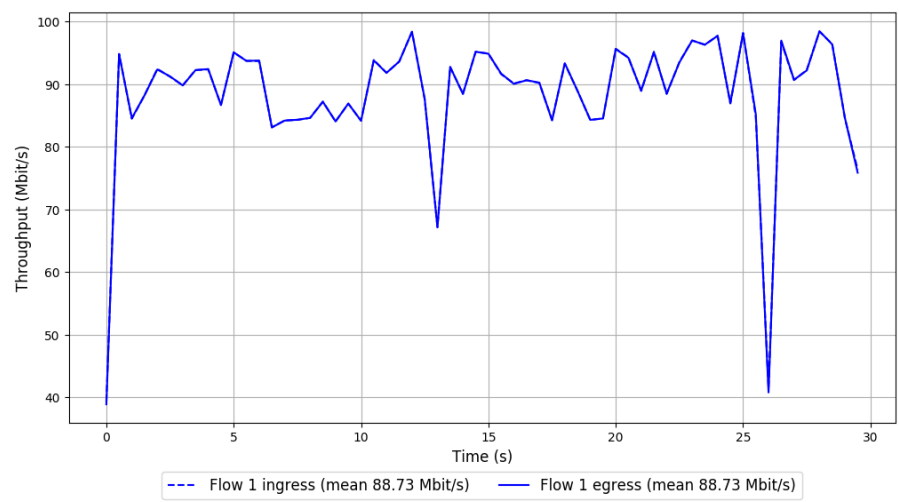
-- Flow 1:

Average throughput: 88.73 Mbit/s

95th percentile per-packet one-way delay: 2.282 ms

Loss rate: 0.02%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-10-10 20:28:47

End at: 2017-10-10 20:29:17

Local clock offset: 1.144 ms

Remote clock offset: 0.76 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.69 Mbit/s

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

Loss rate: 0.01%

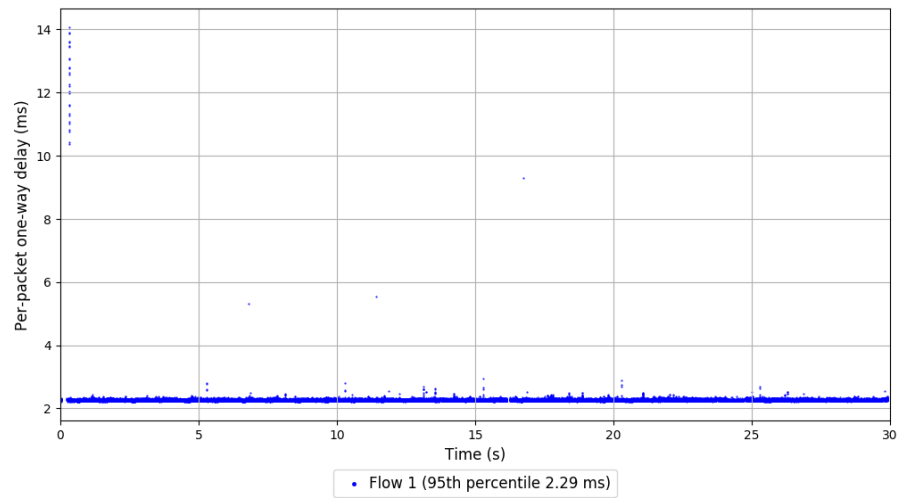
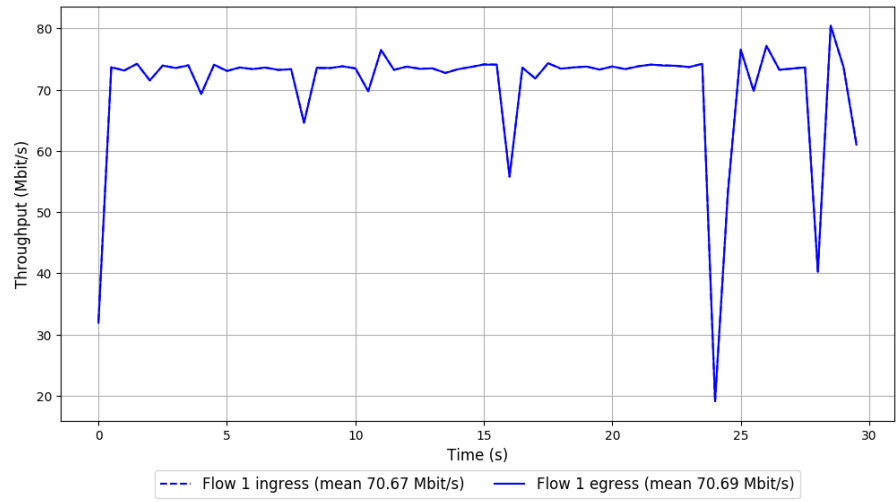
-- Flow 1:

Average throughput: 70.69 Mbit/s

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

Loss rate: 0.01%

Run 10: Report of QUIC Cubic — Data Link

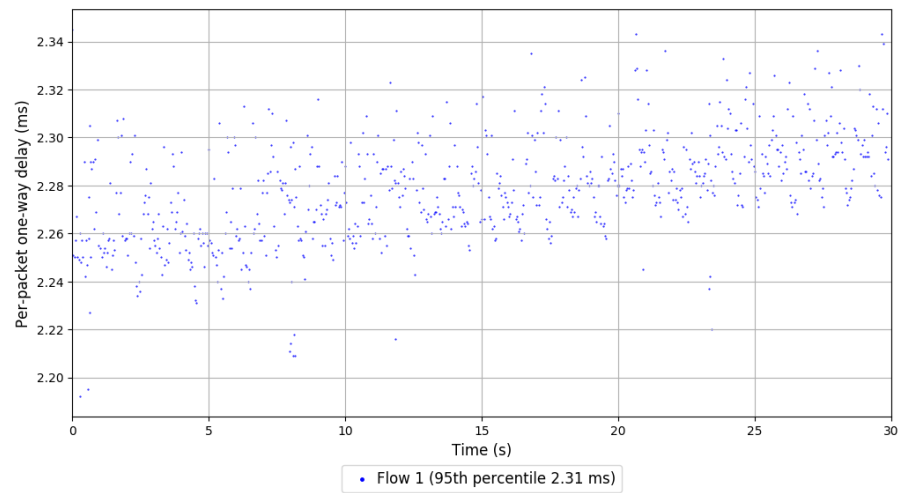
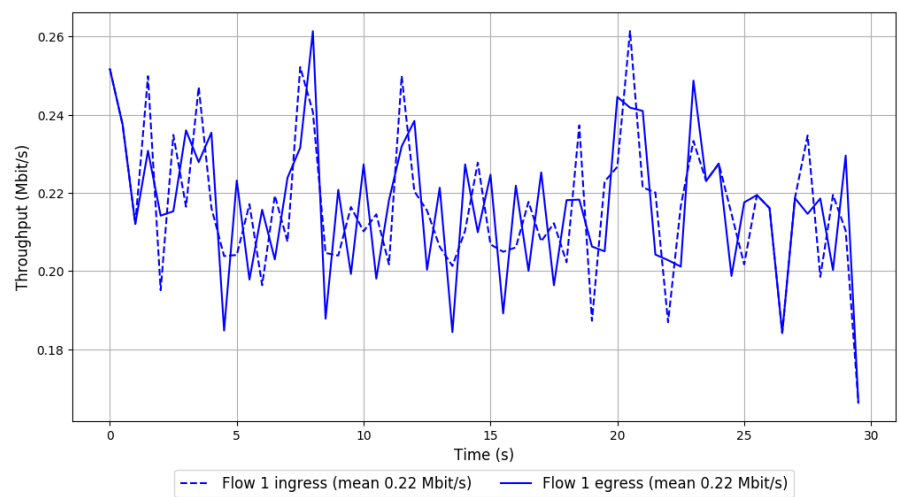


Run 1: Statistics of SCReAM

Start at: 2017-10-10 17:50:10
End at: 2017-10-10 17:50:40
Local clock offset: 1.578 ms
Remote clock offset: -0.524 ms

Below is generated by plot.py at 2017-10-11 00:51:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.314 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2017-10-10 18:08:37

End at: 2017-10-10 18:09:08

Local clock offset: 1.942 ms

Remote clock offset: 0.088 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

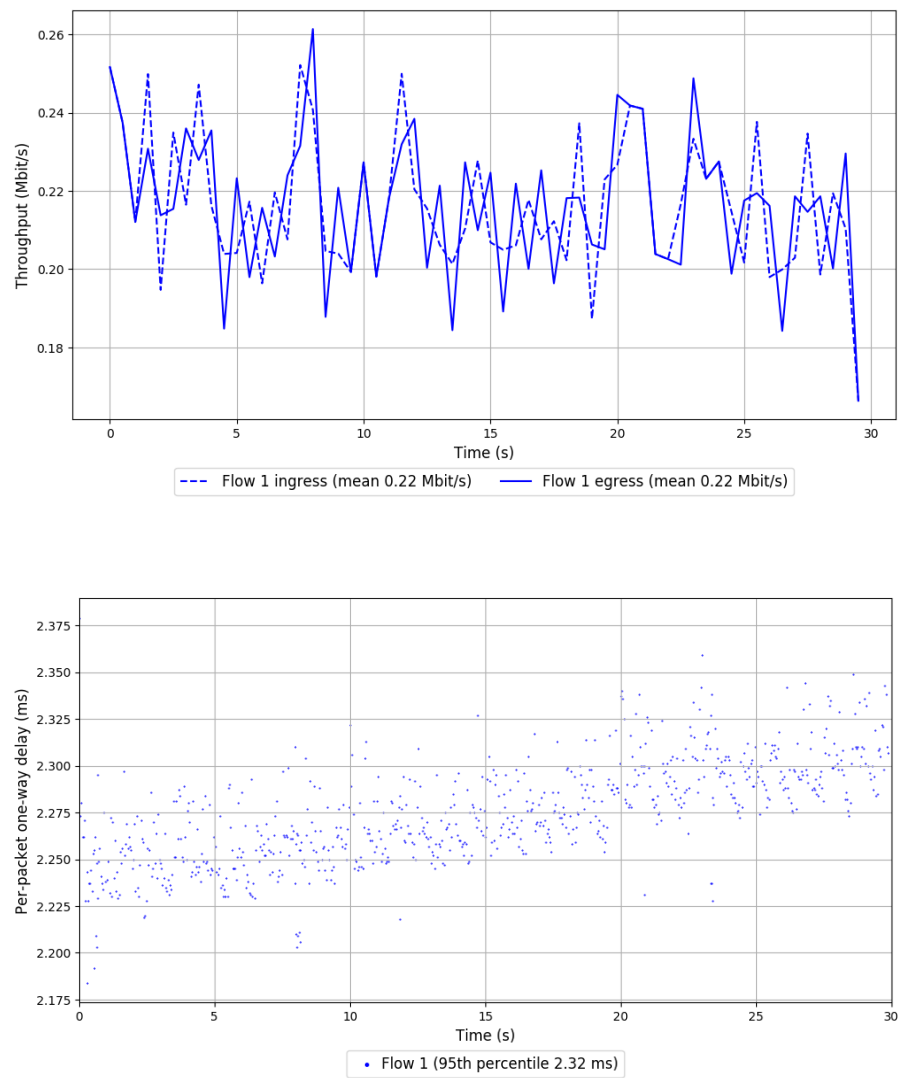
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2017-10-10 18:27:11

End at: 2017-10-10 18:27:41

Local clock offset: 1.334 ms

Remote clock offset: 0.322 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.336 ms

Loss rate: 0.00%

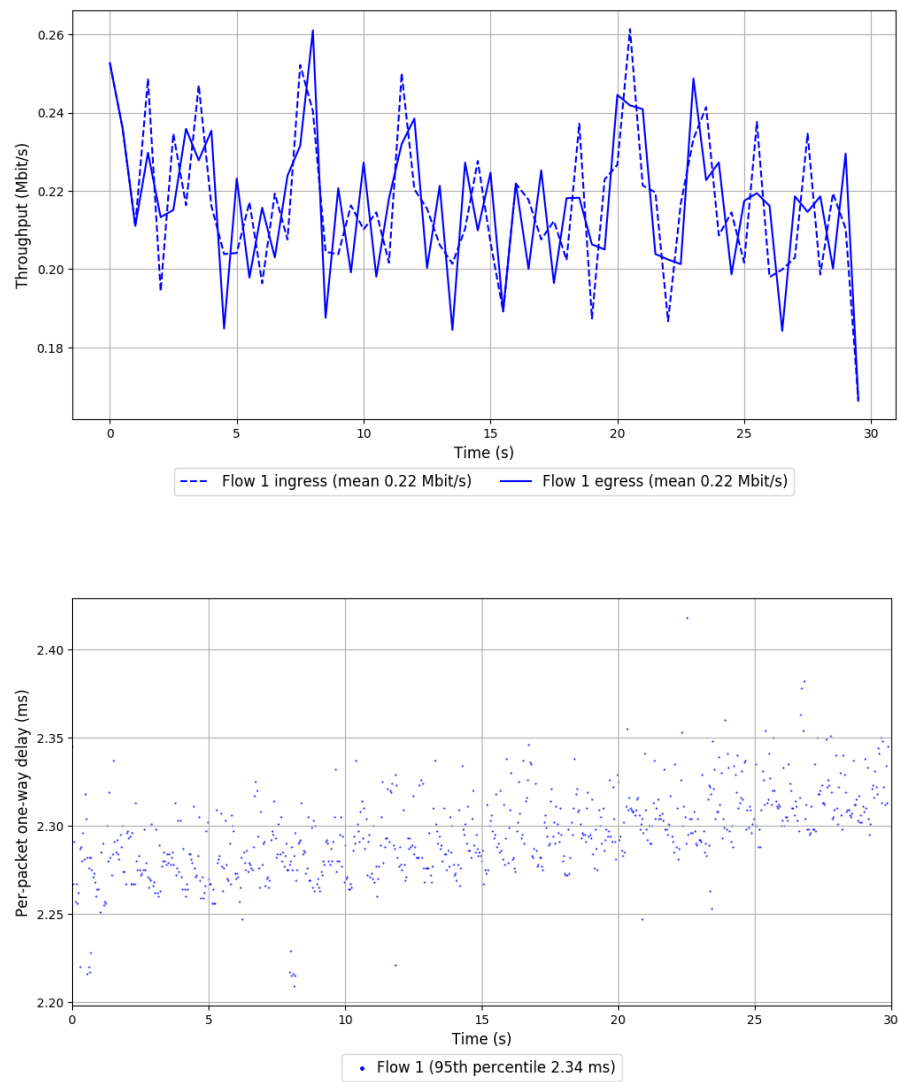
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.336 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2017-10-10 18:45:43

End at: 2017-10-10 18:46:13

Local clock offset: 0.741 ms

Remote clock offset: 0.645 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

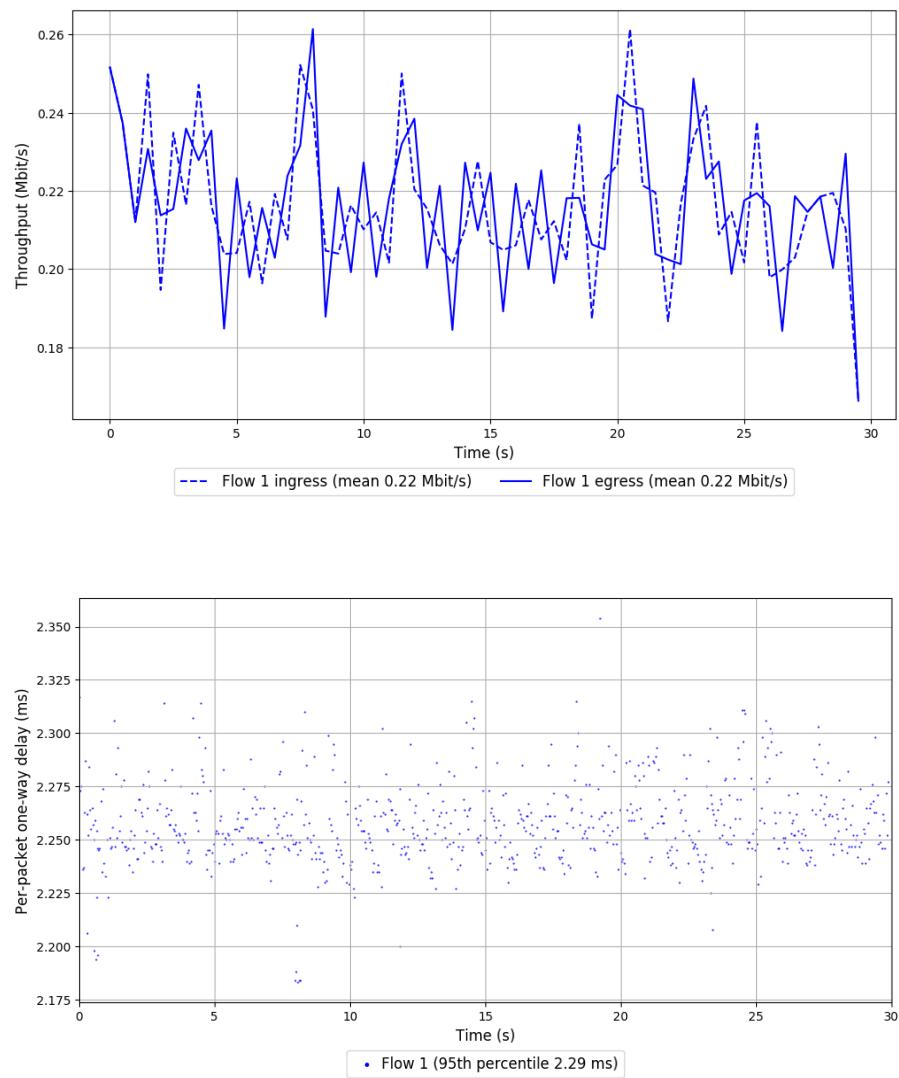
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2017-10-10 19:04:25

End at: 2017-10-10 19:04:55

Local clock offset: 0.738 ms

Remote clock offset: 0.837 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.333 ms

Loss rate: 0.00%

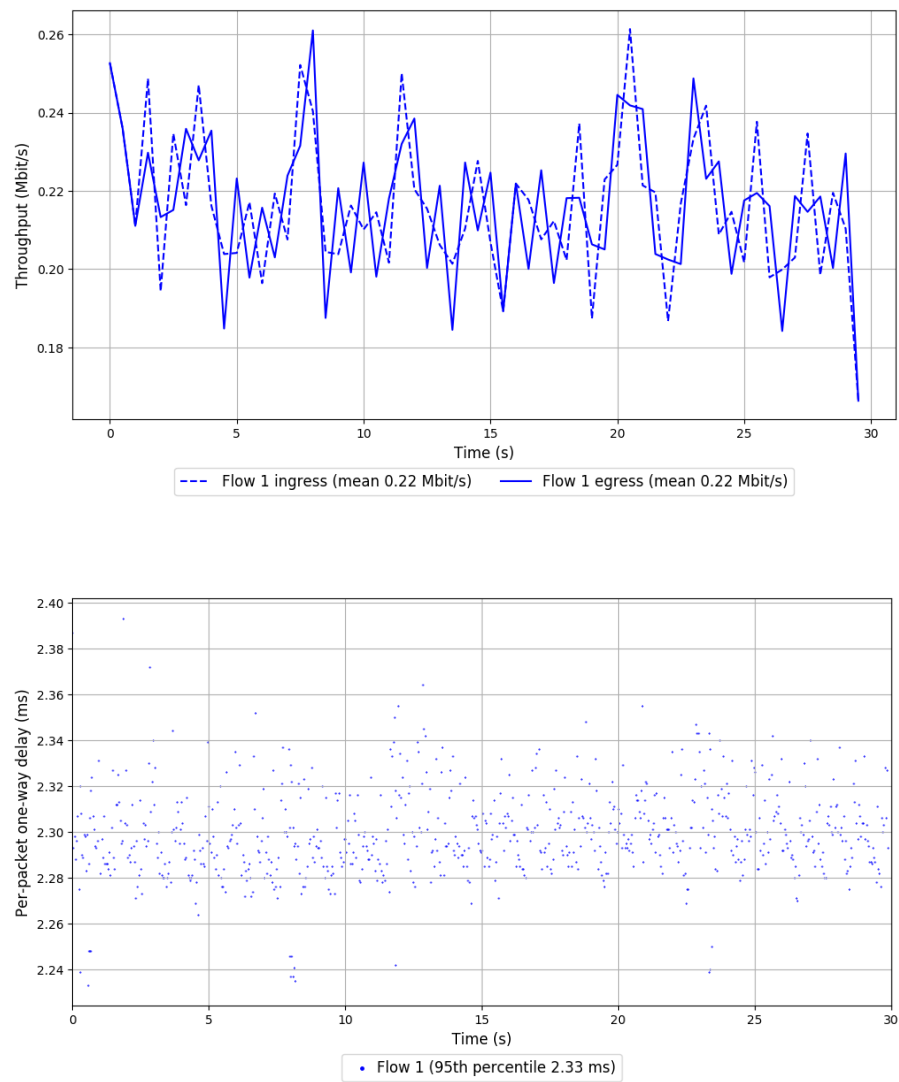
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.333 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2017-10-10 19:22:58

End at: 2017-10-10 19:23:28

Local clock offset: 1.121 ms

Remote clock offset: 1.15 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

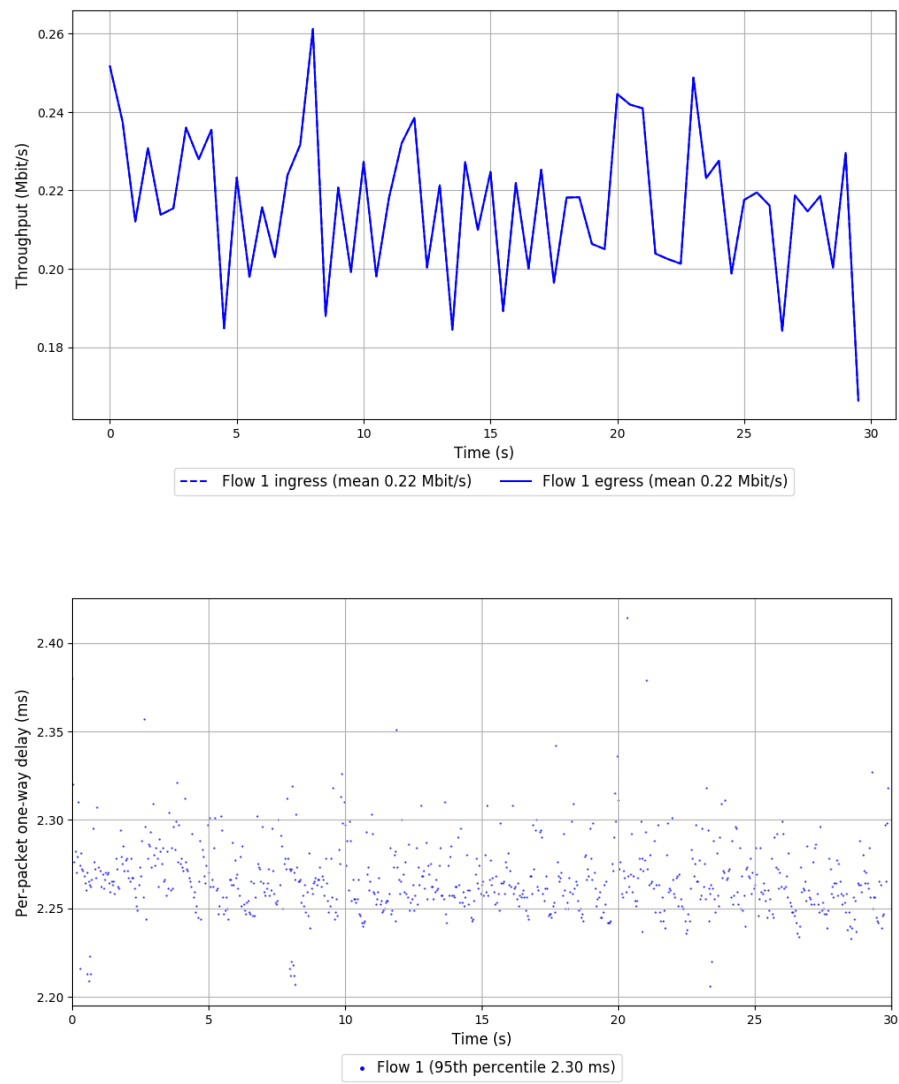
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-10-10 19:41:11

End at: 2017-10-10 19:41:41

Local clock offset: 1.288 ms

Remote clock offset: 1.169 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

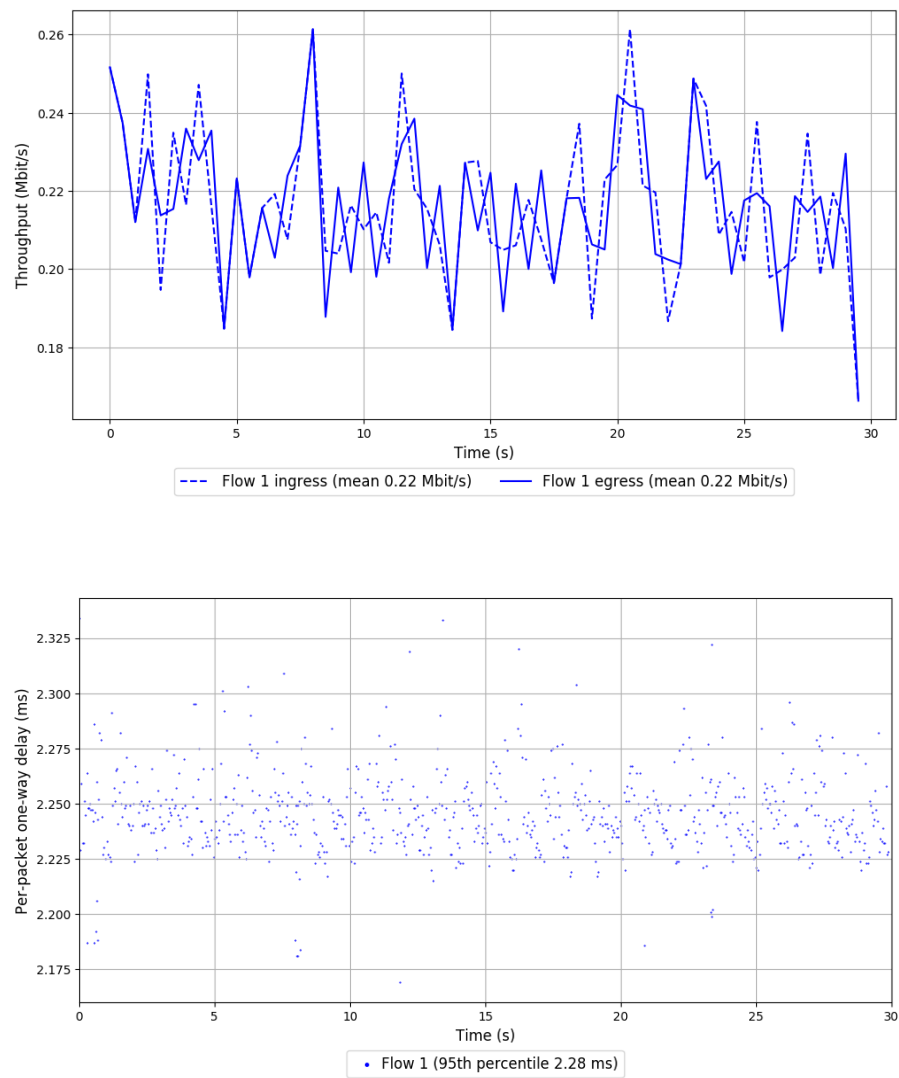
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2017-10-10 19:59:45

End at: 2017-10-10 20:00:15

Local clock offset: 1.023 ms

Remote clock offset: 0.978 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

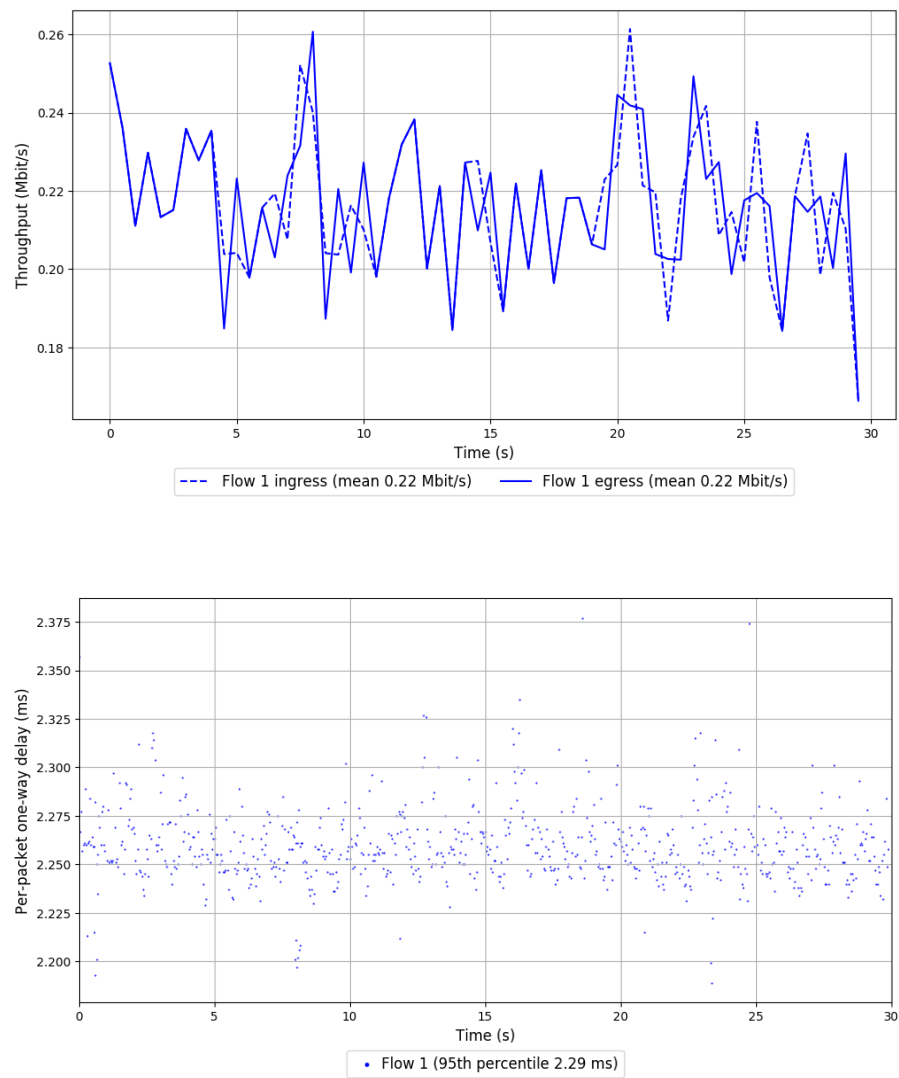
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2017-10-10 20:18:19

End at: 2017-10-10 20:18:49

Local clock offset: 1.059 ms

Remote clock offset: 0.861 ms

Below is generated by plot.py at 2017-10-11 00:51:33

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%

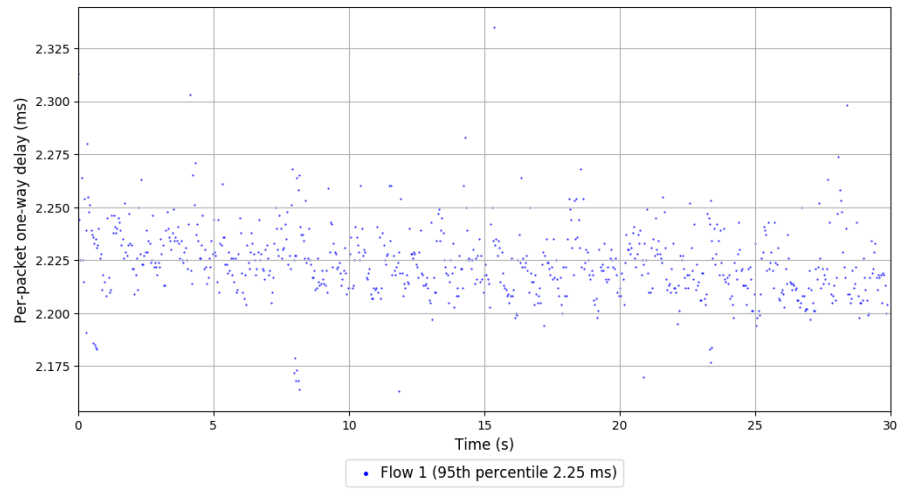
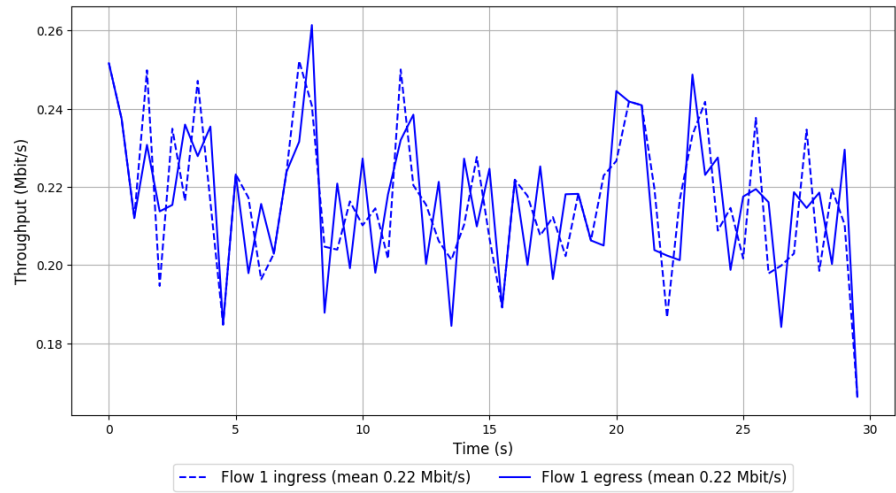
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 9: Report of SCReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2017-10-10 20:36:21

End at: 2017-10-10 20:36:51

Local clock offset: 0.78 ms

Remote clock offset: 0.45 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

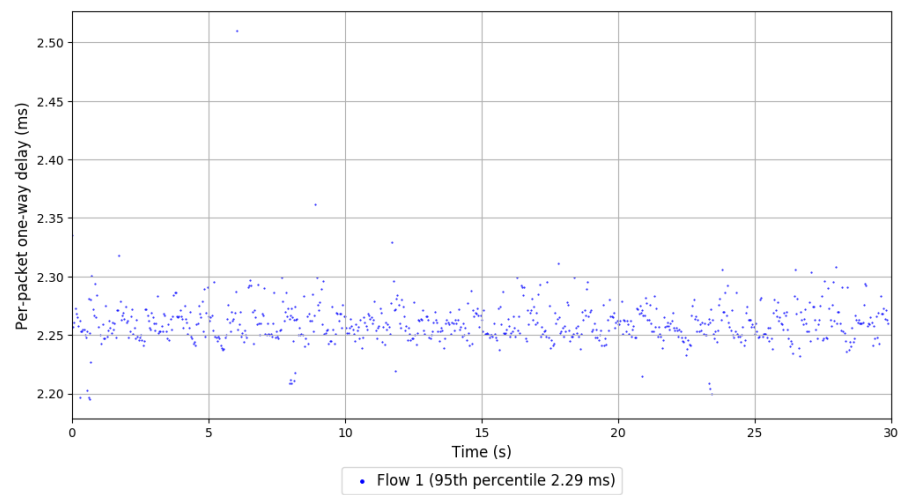
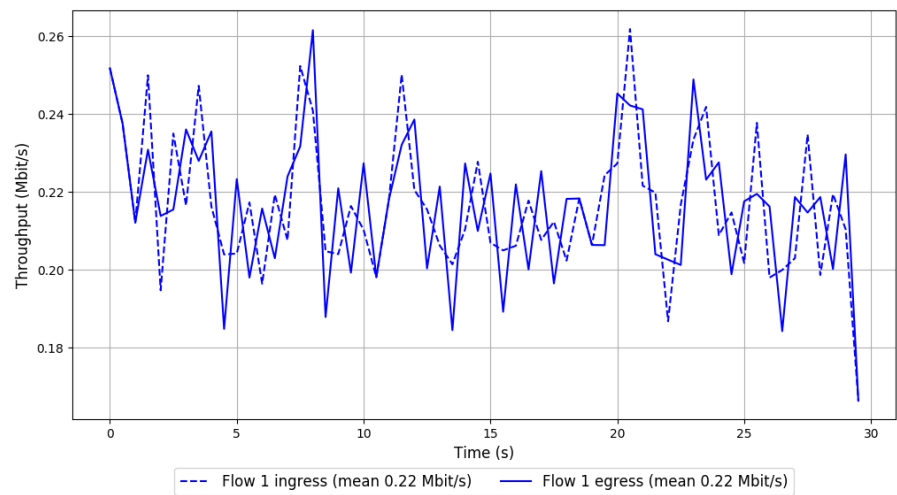
-- Flow 1:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

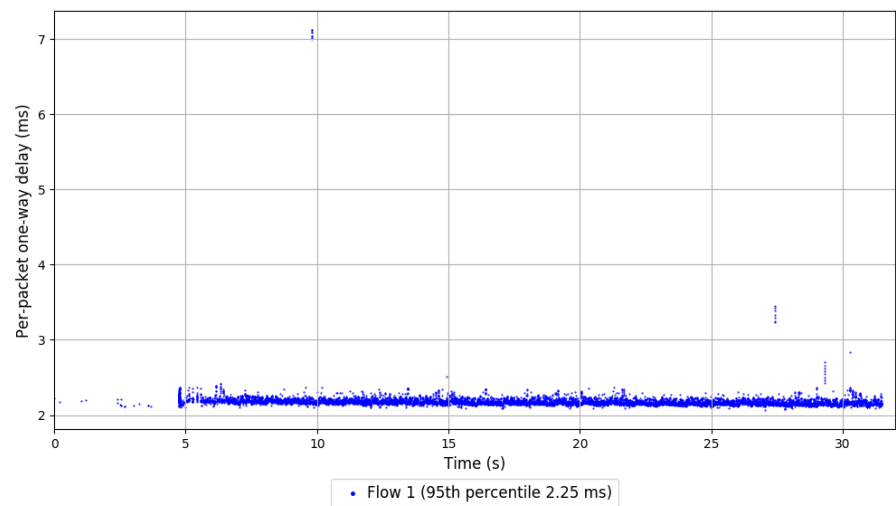
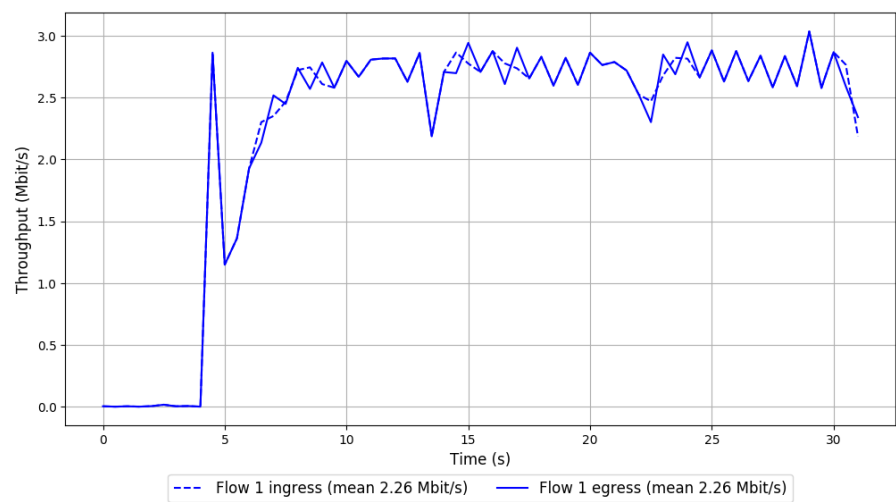


Run 1: Statistics of WebRTC media

Start at: 2017-10-10 17:47:49
End at: 2017-10-10 17:48:19
Local clock offset: 1.506 ms
Remote clock offset: -0.569 ms

Below is generated by plot.py at 2017-10-11 00:51:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 2.252 ms
Loss rate: 0.01%

Run 1: Report of WebRTC media — Data Link

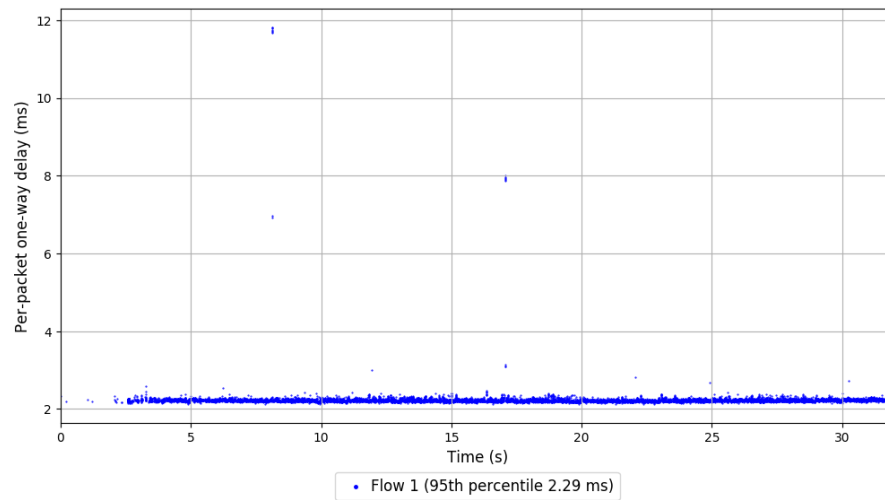
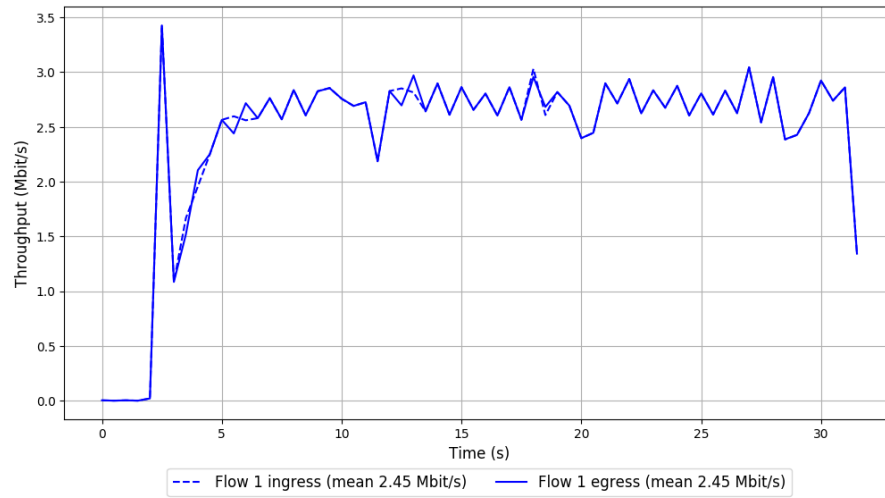


Run 2: Statistics of WebRTC media

Start at: 2017-10-10 18:06:23
End at: 2017-10-10 18:06:53
Local clock offset: 2.072 ms
Remote clock offset: -0.007 ms

Below is generated by plot.py at 2017-10-11 00:51:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.288 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2017-10-10 18:24:55

End at: 2017-10-10 18:25:25

Local clock offset: 1.314 ms

Remote clock offset: 0.163 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.431 ms

Loss rate: 0.00%

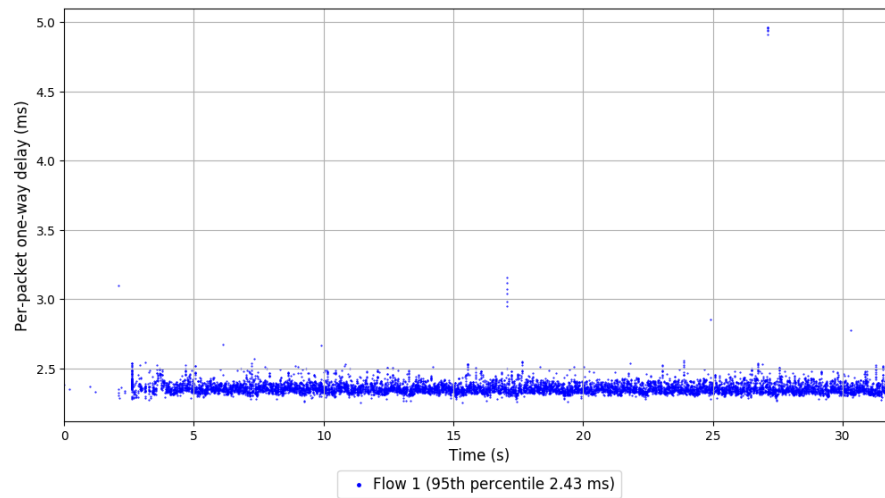
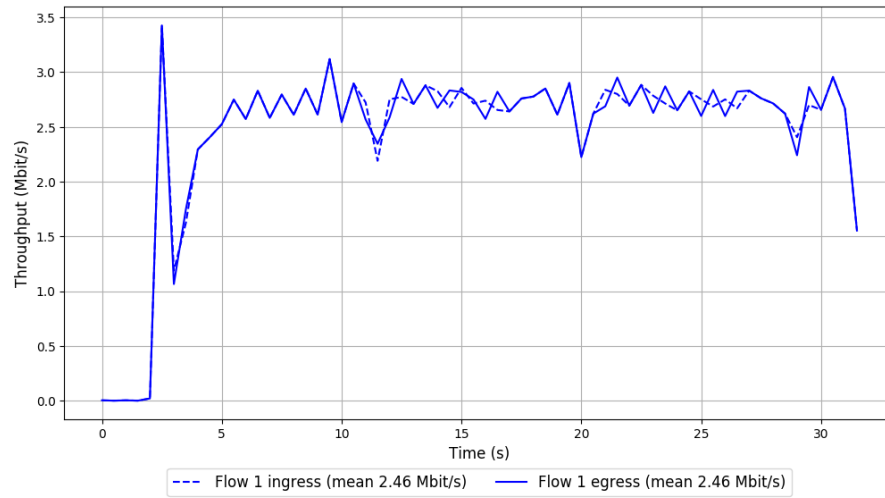
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.431 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-10-10 18:43:29

End at: 2017-10-10 18:43:59

Local clock offset: 0.756 ms

Remote clock offset: 0.622 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.43 Mbit/s

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

Loss rate: 0.00%

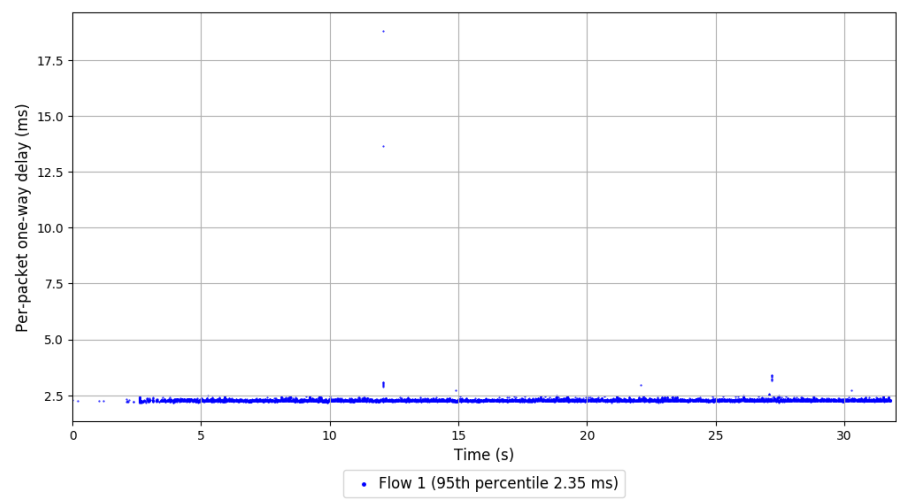
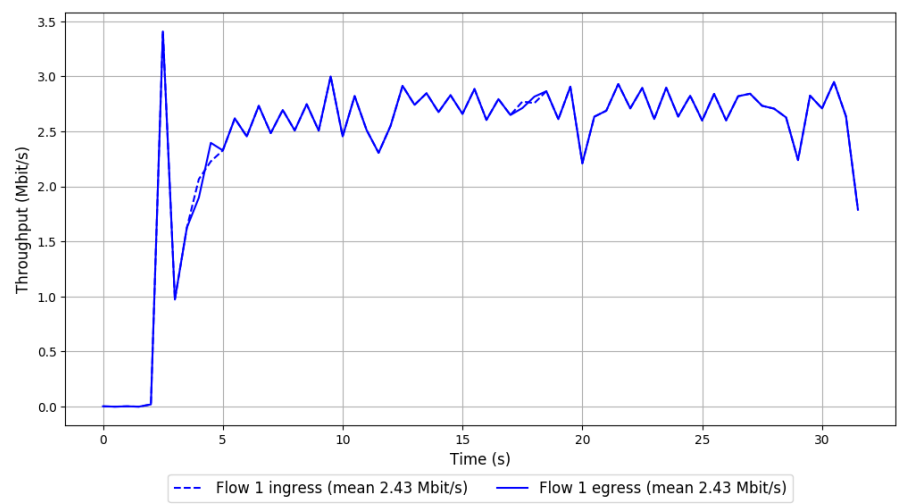
-- Flow 1:

Average throughput: 2.43 Mbit/s

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

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-10-10 19:02:08

End at: 2017-10-10 19:02:38

Local clock offset: 0.77 ms

Remote clock offset: 0.884 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.355 ms

Loss rate: 0.02%

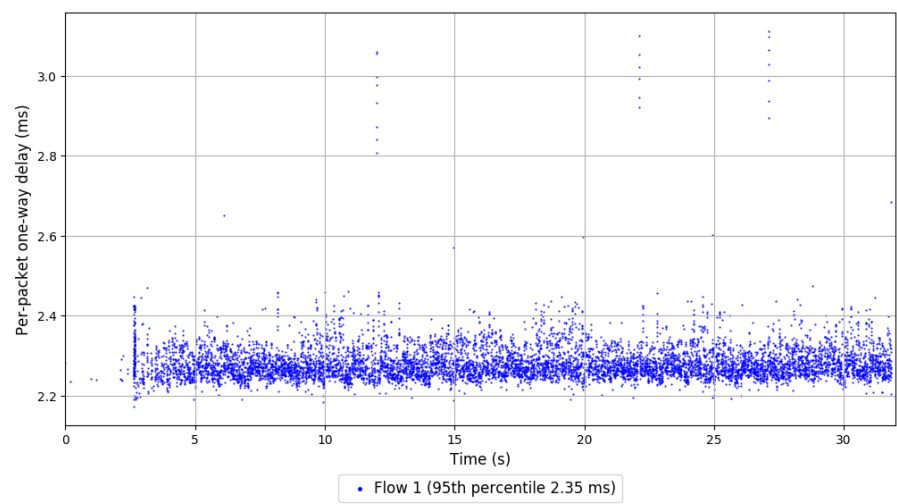
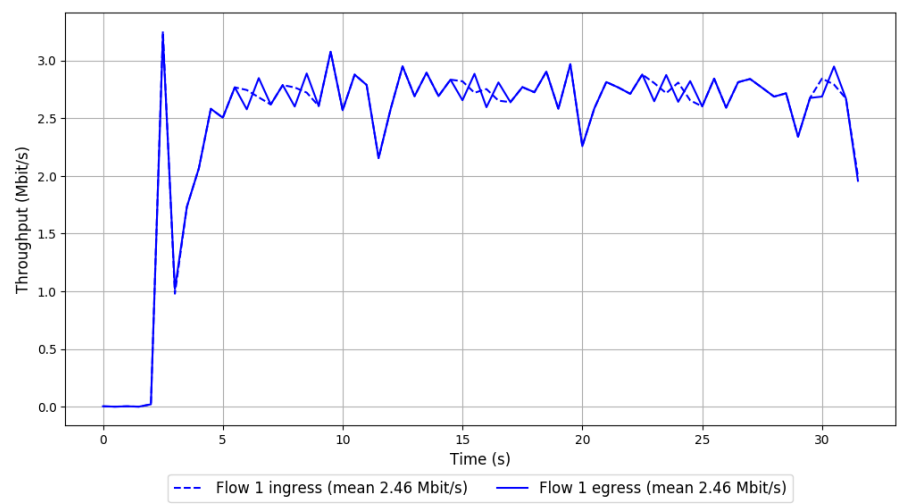
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.355 ms

Loss rate: 0.02%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2017-10-10 19:20:42

End at: 2017-10-10 19:21:12

Local clock offset: 1.025 ms

Remote clock offset: 1.14 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.44 Mbit/s

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

Loss rate: 0.00%

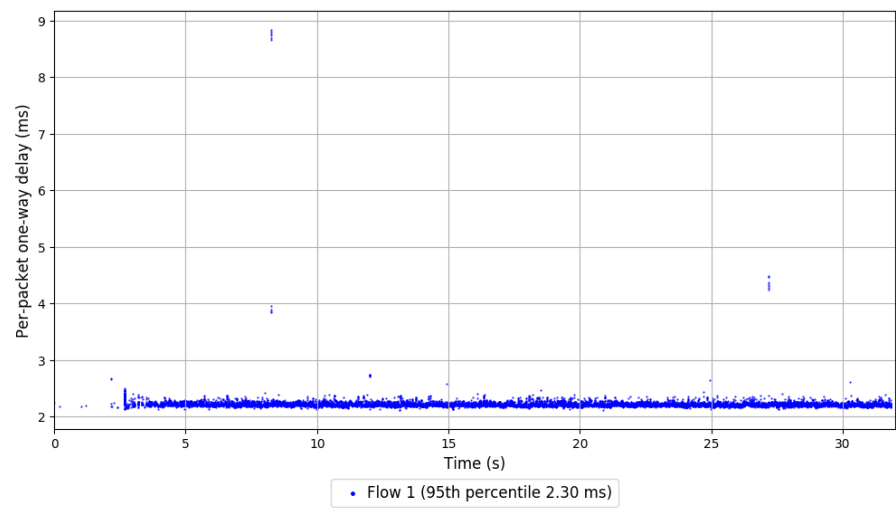
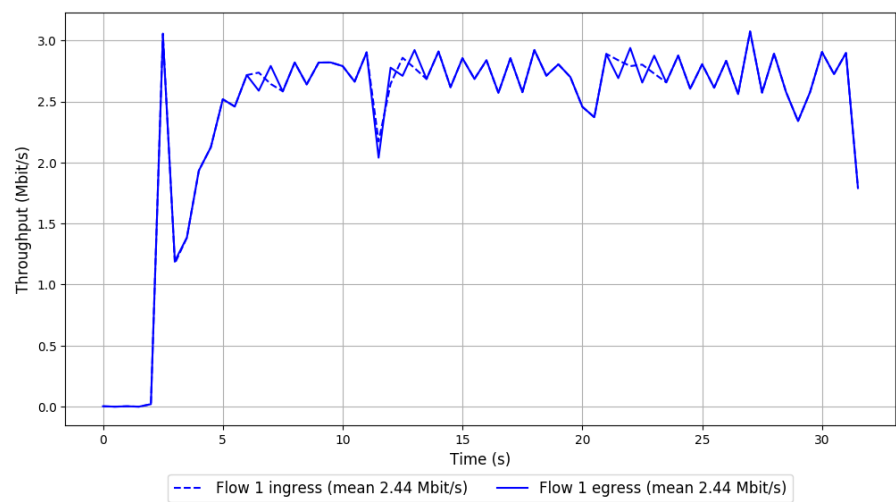
-- Flow 1:

Average throughput: 2.44 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2017-10-10 19:38:57

End at: 2017-10-10 19:39:27

Local clock offset: 1.317 ms

Remote clock offset: 1.204 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.305 ms

Loss rate: 0.01%

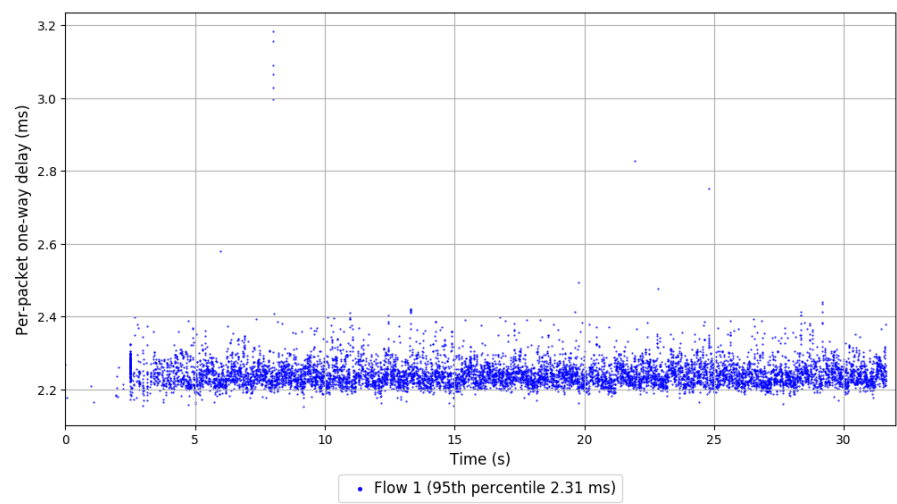
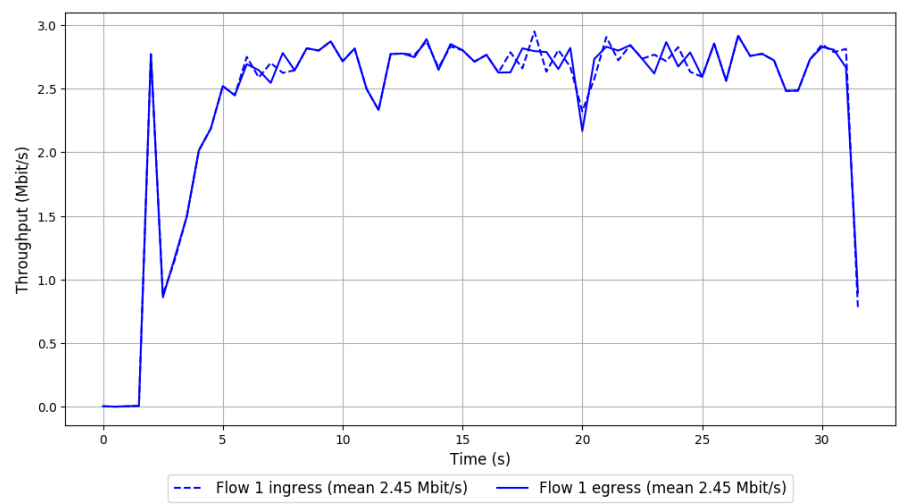
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.305 ms

Loss rate: 0.01%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2017-10-10 19:57:21

End at: 2017-10-10 19:57:51

Local clock offset: 1.08 ms

Remote clock offset: 1.031 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

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

Loss rate: 0.00%

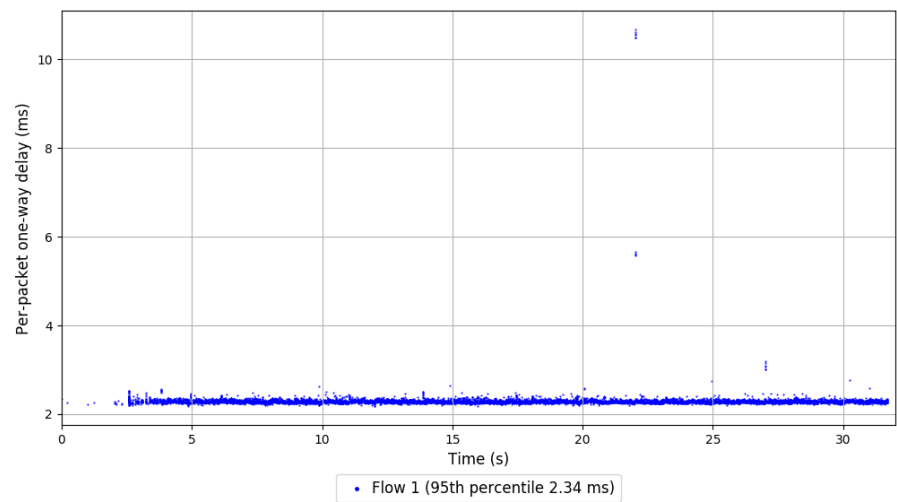
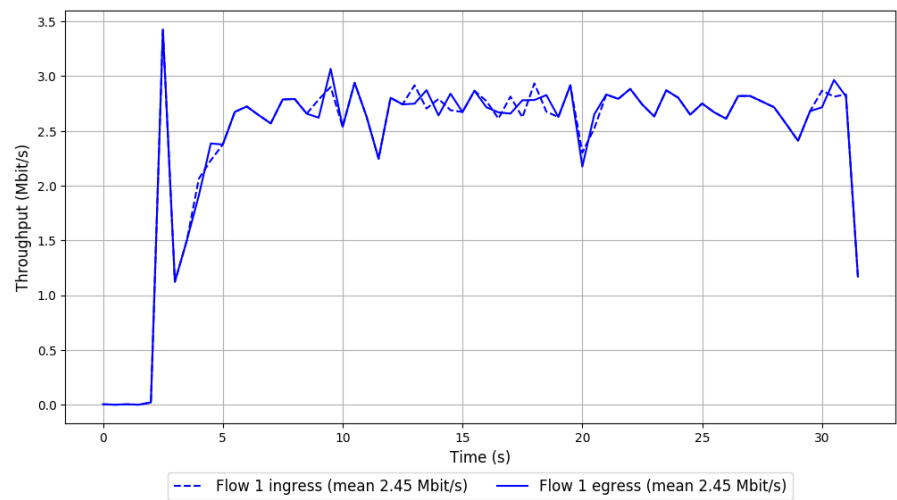
-- Flow 1:

Average throughput: 2.45 Mbit/s

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

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-10-10 20:16:02

End at: 2017-10-10 20:16:32

Local clock offset: 0.99 ms

Remote clock offset: 0.874 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.233 ms

Loss rate: 0.00%

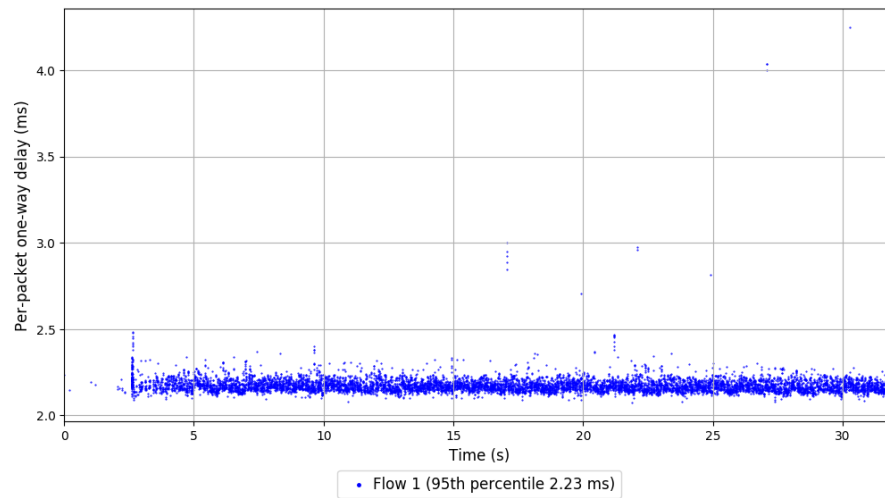
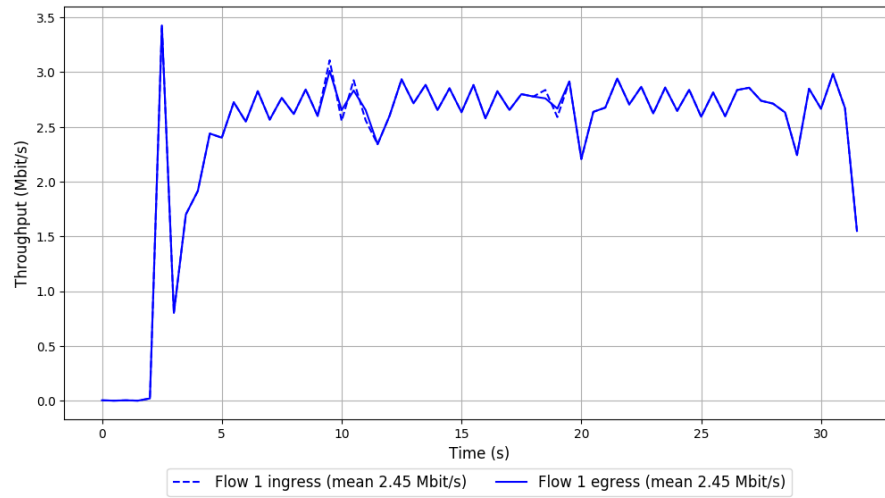
-- Flow 1:

Average throughput: 2.45 Mbit/s

95th percentile per-packet one-way delay: 2.233 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-10-10 20:33:57

End at: 2017-10-10 20:34:28

Local clock offset: 0.942 ms

Remote clock offset: 0.665 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.279 ms

Loss rate: 0.09%

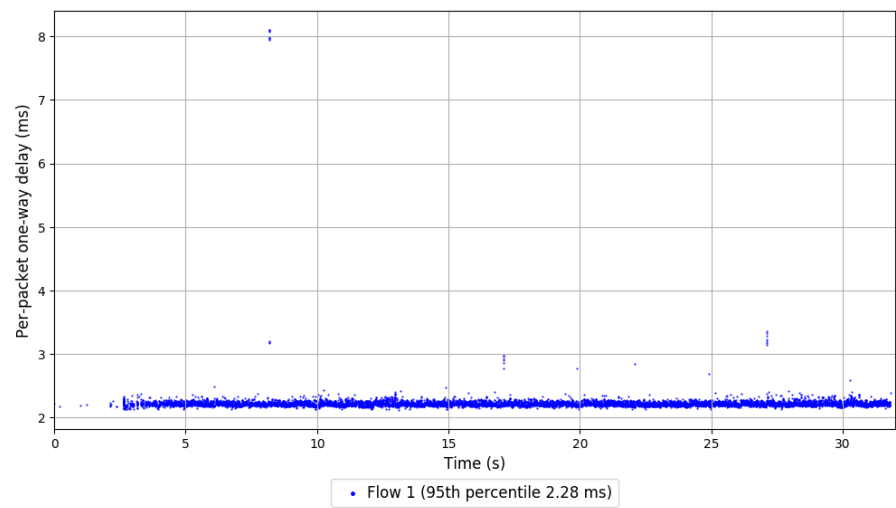
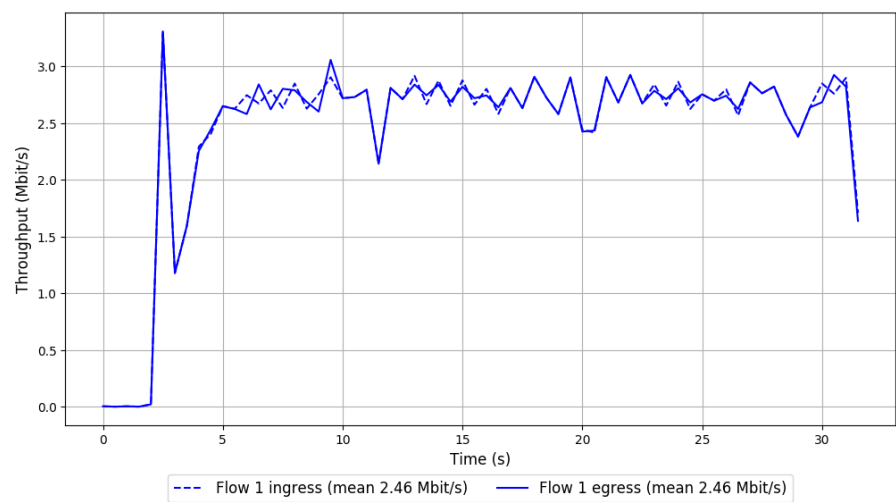
-- Flow 1:

Average throughput: 2.46 Mbit/s

95th percentile per-packet one-way delay: 2.279 ms

Loss rate: 0.09%

Run 10: Report of WebRTC media — Data Link

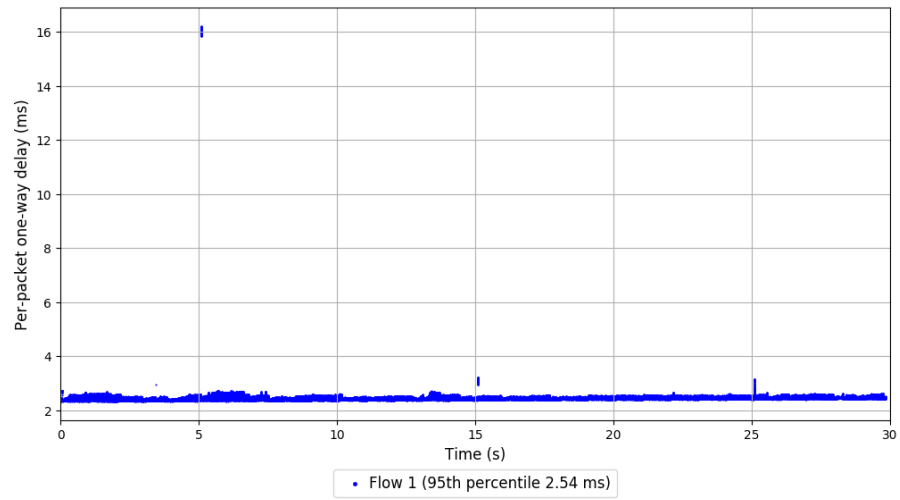
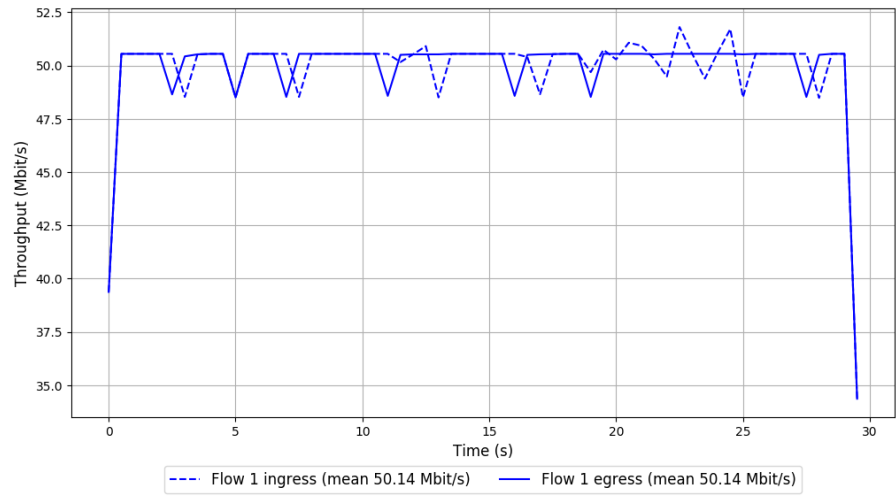


Run 1: Statistics of Sprout

Start at: 2017-10-10 17:35:19
End at: 2017-10-10 17:35:49
Local clock offset: 1.43 ms
Remote clock offset: -0.806 ms

Below is generated by plot.py at 2017-10-11 00:51:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 2.544 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

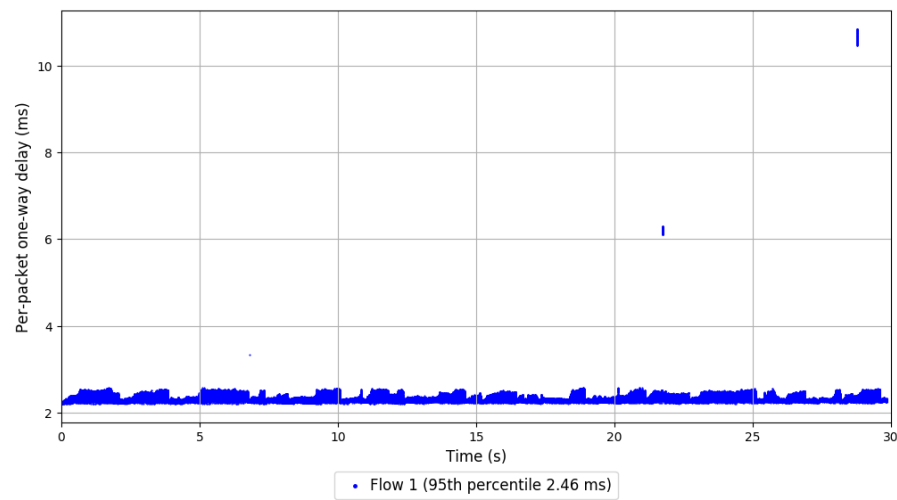
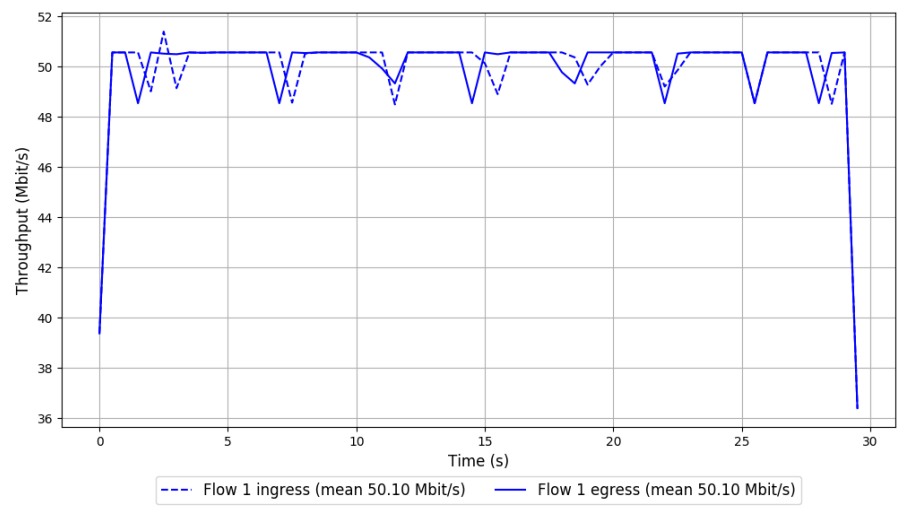


Run 2: Statistics of Sprout

Start at: 2017-10-10 17:53:46
End at: 2017-10-10 17:54:16
Local clock offset: 1.46 ms
Remote clock offset: -0.439 ms

Below is generated by plot.py at 2017-10-11 00:51:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.10 Mbit/s
95th percentile per-packet one-way delay: 2.464 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

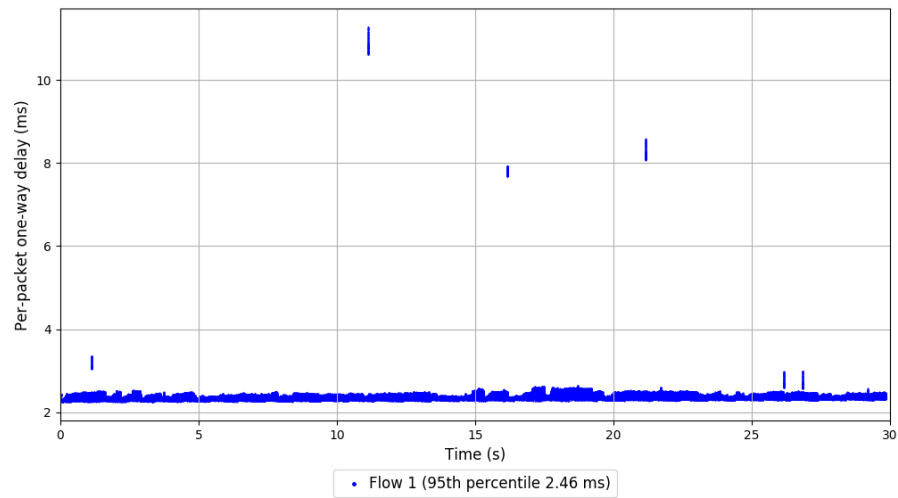
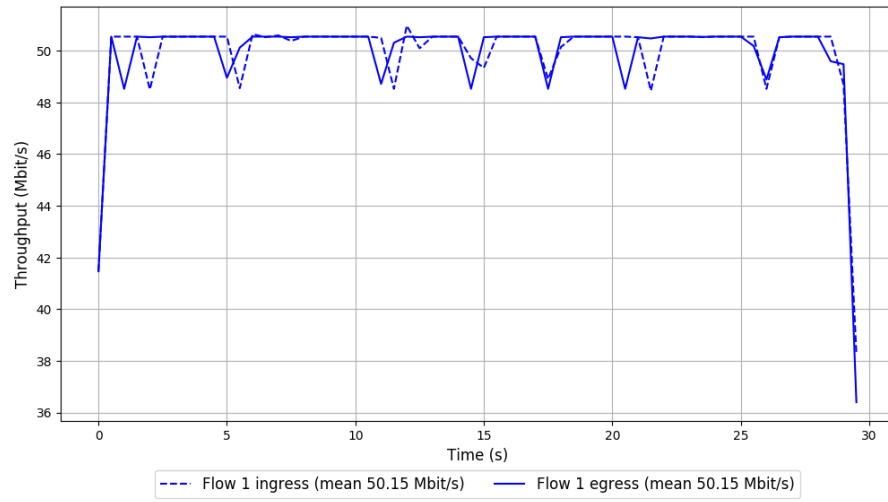


Run 3: Statistics of Sprout

Start at: 2017-10-10 18:12:24
End at: 2017-10-10 18:12:54
Local clock offset: 1.402 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2017-10-11 00:51:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 2.462 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.15 Mbit/s
95th percentile per-packet one-way delay: 2.462 ms
Loss rate: 0.07%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2017-10-10 18:30:56

End at: 2017-10-10 18:31:26

Local clock offset: 1.136 ms

Remote clock offset: 0.413 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.456 ms

Loss rate: 0.01%

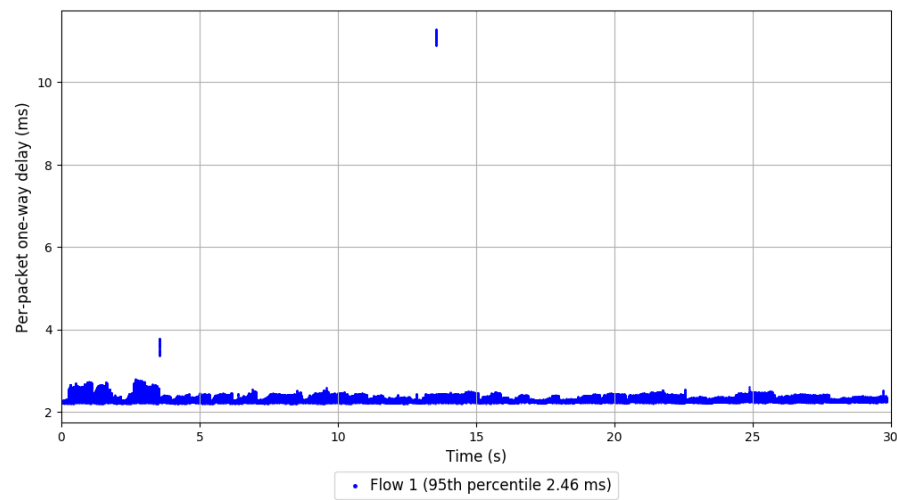
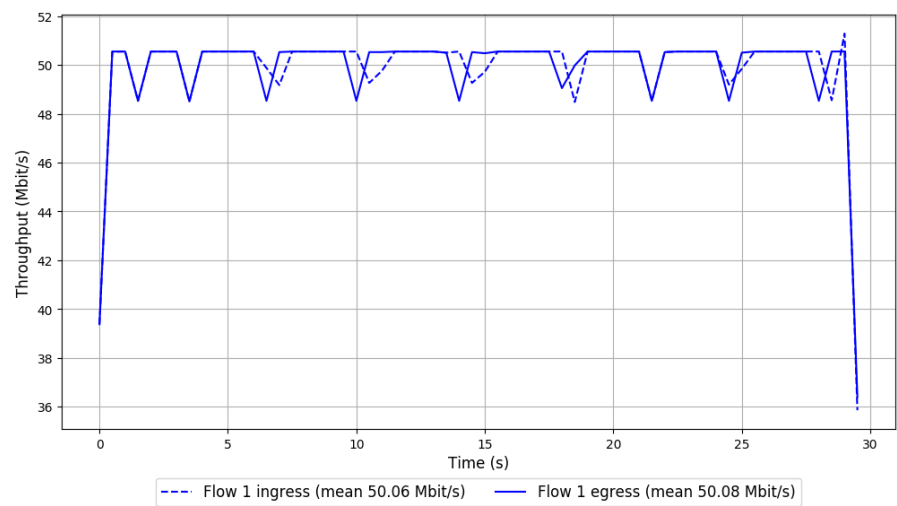
-- Flow 1:

Average throughput: 50.08 Mbit/s

95th percentile per-packet one-way delay: 2.456 ms

Loss rate: 0.01%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2017-10-10 18:49:28

End at: 2017-10-10 18:49:58

Local clock offset: 0.821 ms

Remote clock offset: 0.735 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.447 ms

Loss rate: 0.00%

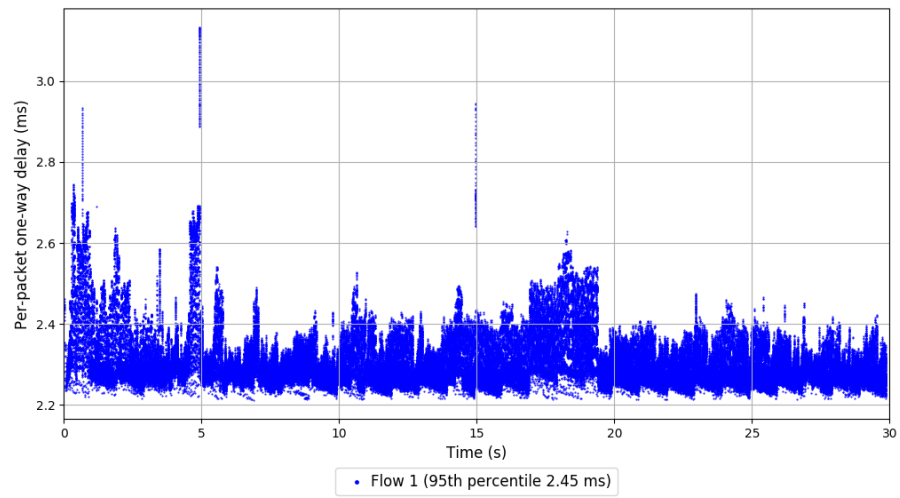
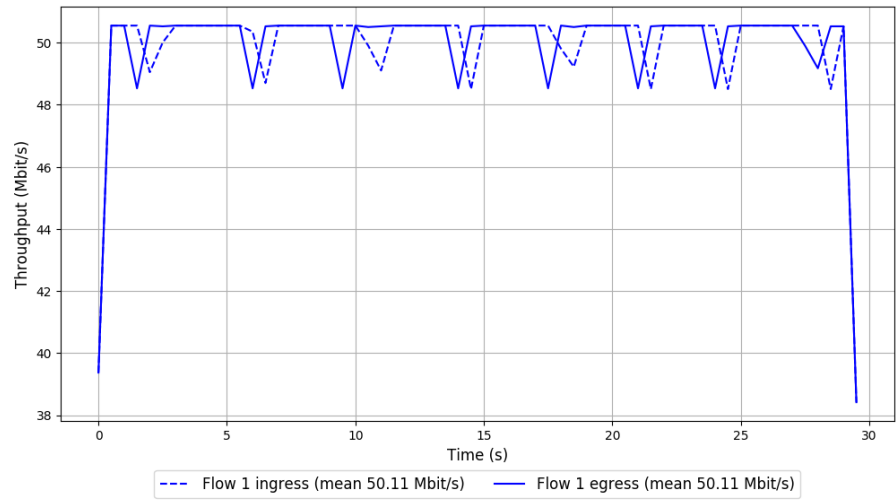
-- Flow 1:

Average throughput: 50.11 Mbit/s

95th percentile per-packet one-way delay: 2.447 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-10-10 19:08:10

End at: 2017-10-10 19:08:40

Local clock offset: 0.771 ms

Remote clock offset: 0.931 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.21 Mbit/s

95th percentile per-packet one-way delay: 2.518 ms

Loss rate: 0.00%

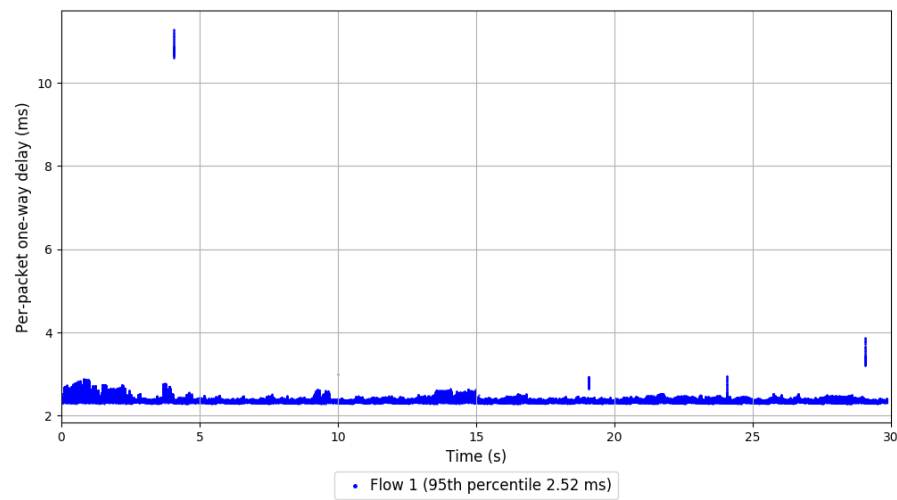
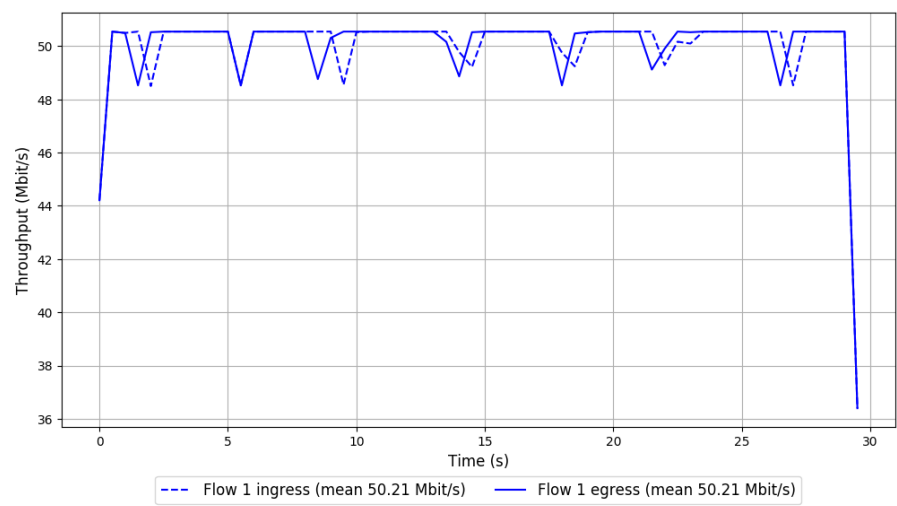
-- Flow 1:

Average throughput: 50.21 Mbit/s

95th percentile per-packet one-way delay: 2.518 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2017-10-10 19:26:43

End at: 2017-10-10 19:27:13

Local clock offset: 1.176 ms

Remote clock offset: 1.151 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 2.388 ms

Loss rate: 0.00%

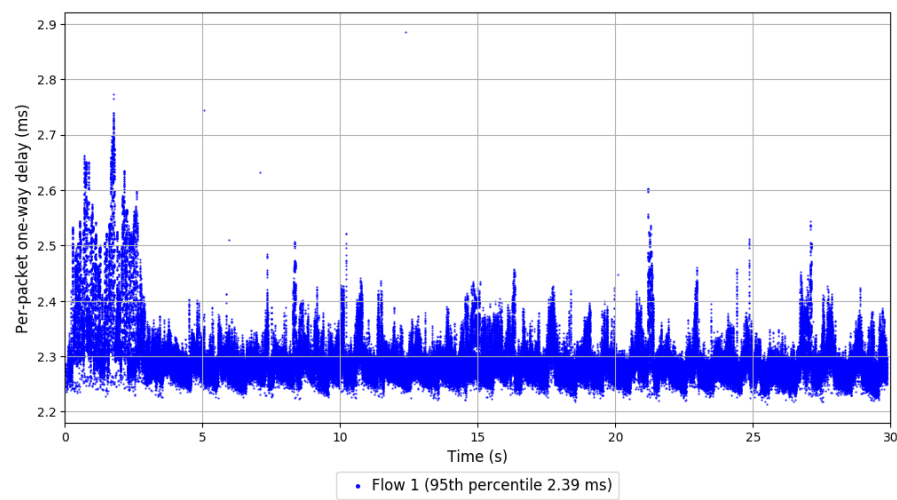
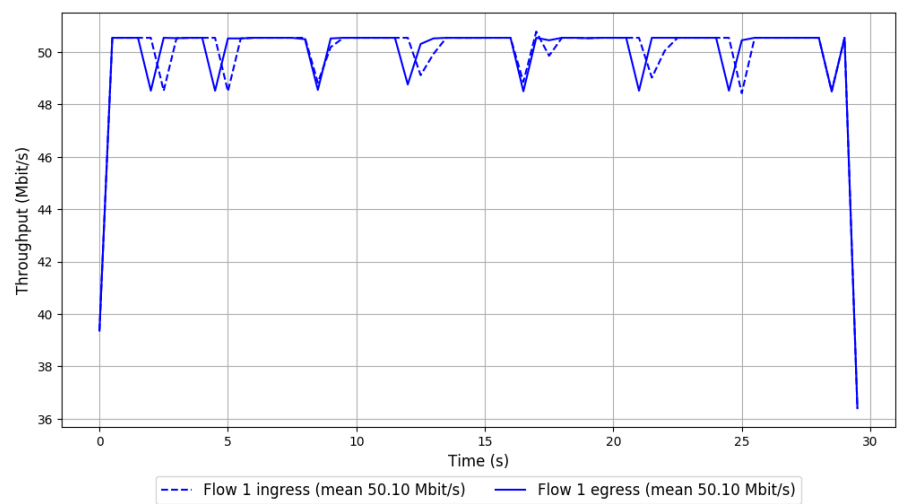
-- Flow 1:

Average throughput: 50.10 Mbit/s

95th percentile per-packet one-way delay: 2.388 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2017-10-10 19:44:57

End at: 2017-10-10 19:45:27

Local clock offset: 1.228 ms

Remote clock offset: 1.122 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 2.548 ms

Loss rate: 0.00%

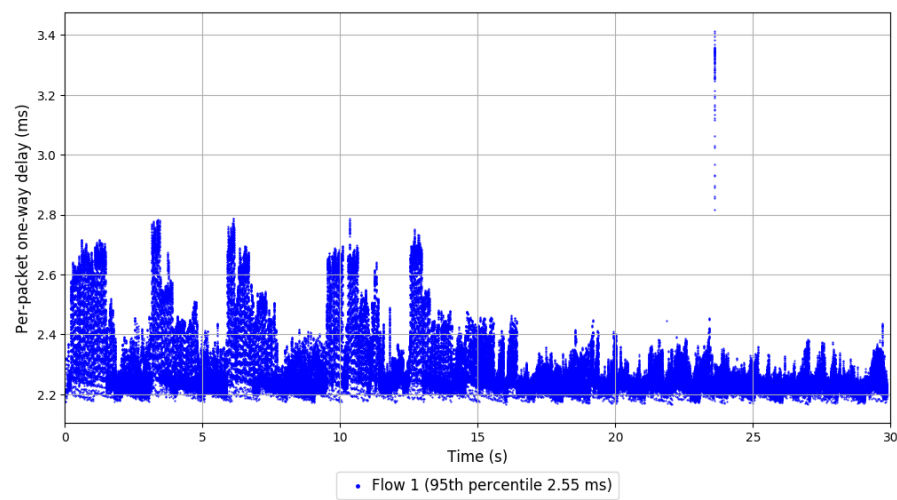
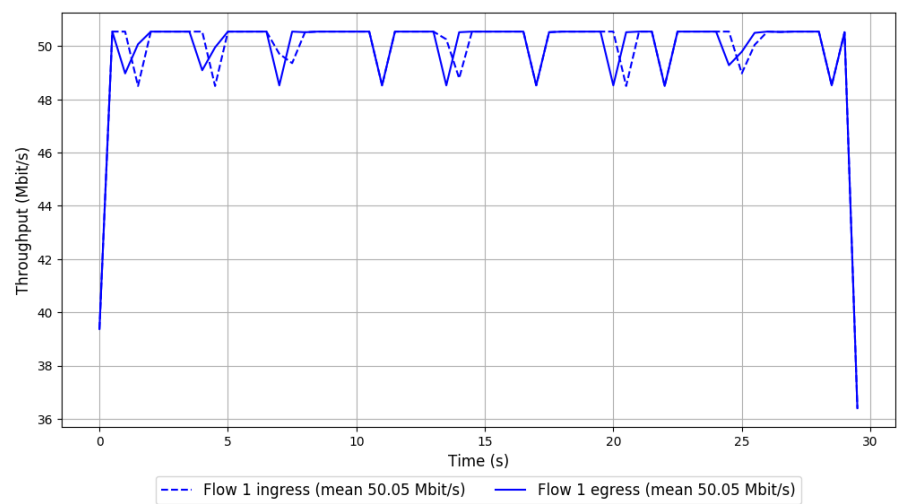
-- Flow 1:

Average throughput: 50.05 Mbit/s

95th percentile per-packet one-way delay: 2.548 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-10-10 20:03:31

End at: 2017-10-10 20:04:01

Local clock offset: 1.087 ms

Remote clock offset: 1.002 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.12 Mbit/s

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

Loss rate: 0.07%

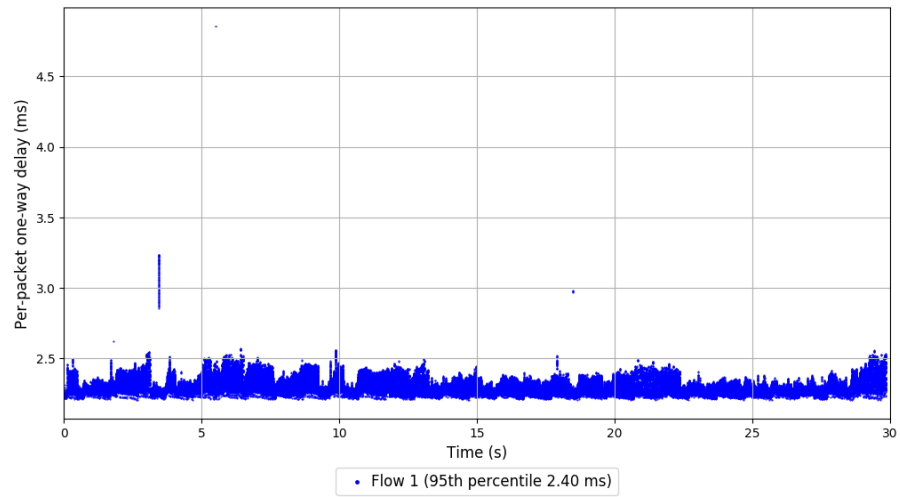
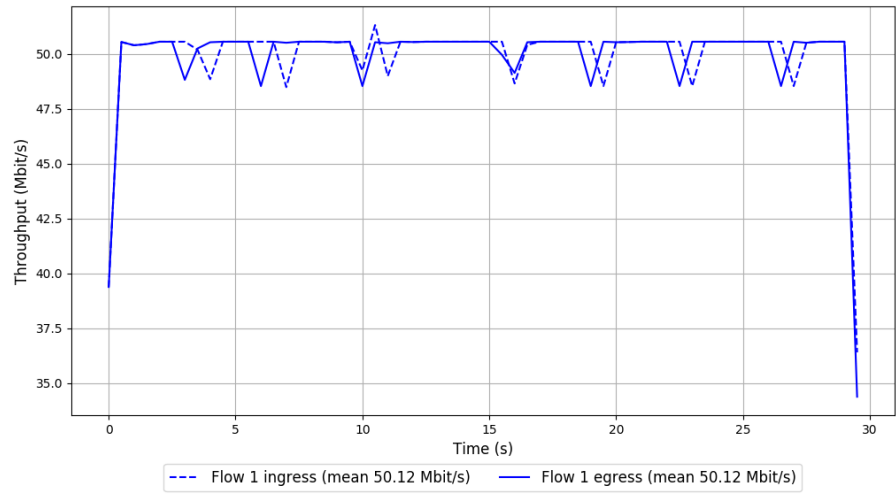
-- Flow 1:

Average throughput: 50.12 Mbit/s

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

Loss rate: 0.07%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2017-10-10 20:22:02

End at: 2017-10-10 20:22:32

Local clock offset: 1.111 ms

Remote clock offset: 0.824 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.13 Mbit/s

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

Loss rate: 0.00%

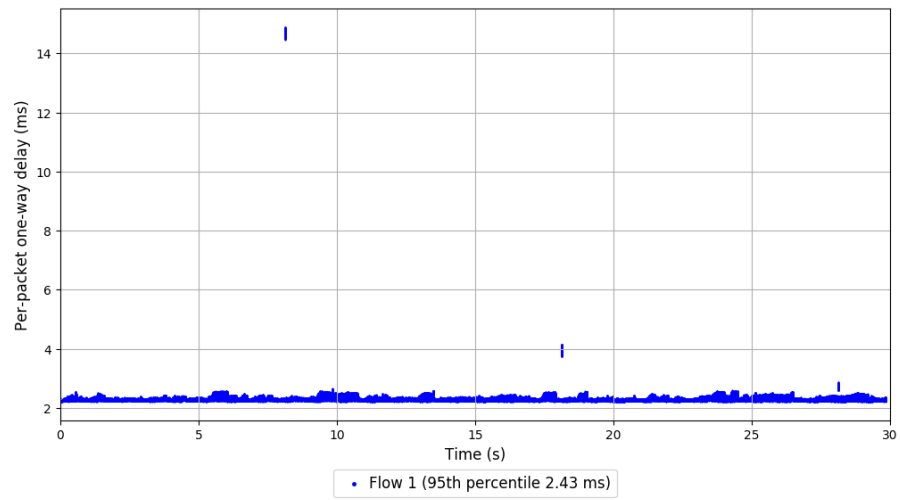
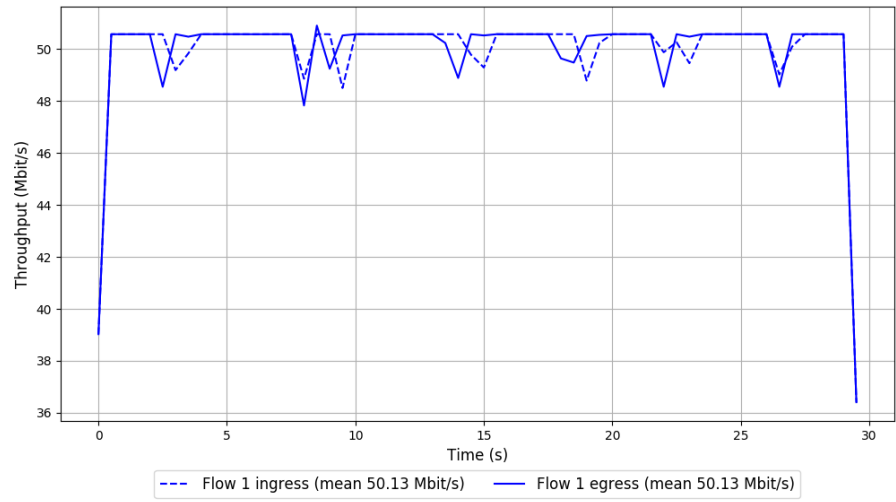
-- Flow 1:

Average throughput: 50.13 Mbit/s

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

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

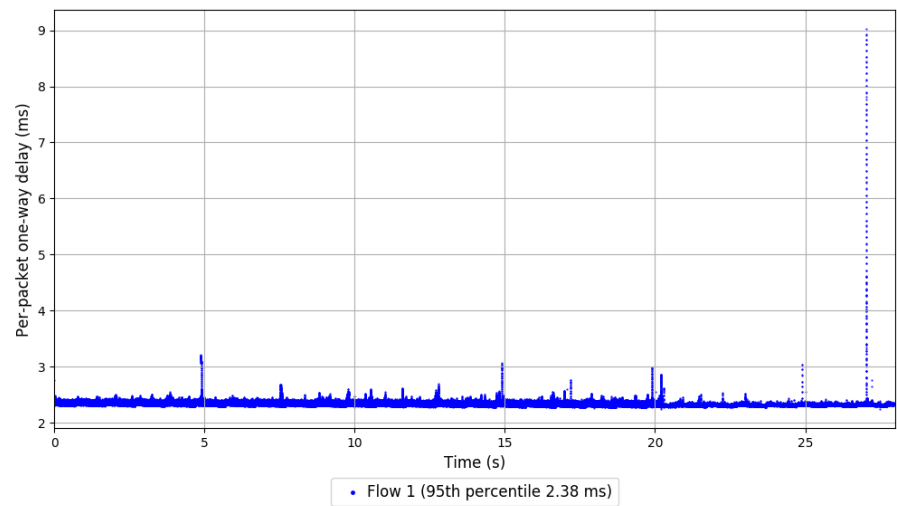
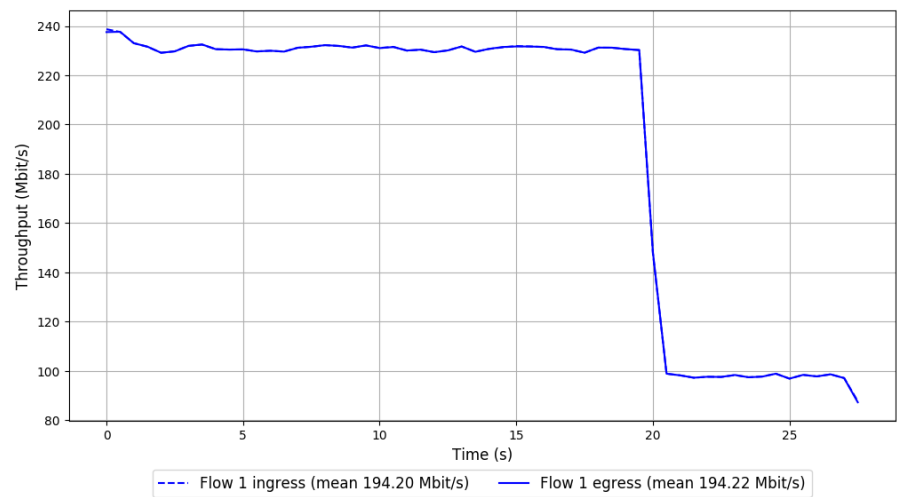


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-10-10 17:48:53
End at: 2017-10-10 17:49:23
Local clock offset: 1.639 ms
Remote clock offset: -0.616 ms

# Below is generated by plot.py at 2017-10-11 00:51:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 194.22 Mbit/s
95th percentile per-packet one-way delay: 2.384 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 194.22 Mbit/s
95th percentile per-packet one-way delay: 2.384 ms
Loss rate: 0.01%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2017-10-10 18:07:27

End at: 2017-10-10 18:07:57

Local clock offset: 2.187 ms

Remote clock offset: 0.048 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 102.34 Mbit/s

95th percentile per-packet one-way delay: 2.422 ms

Loss rate: 0.01%

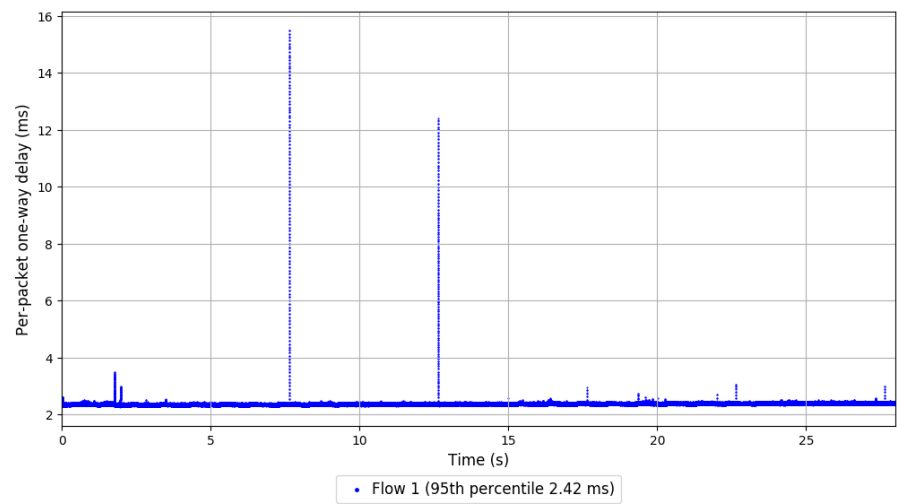
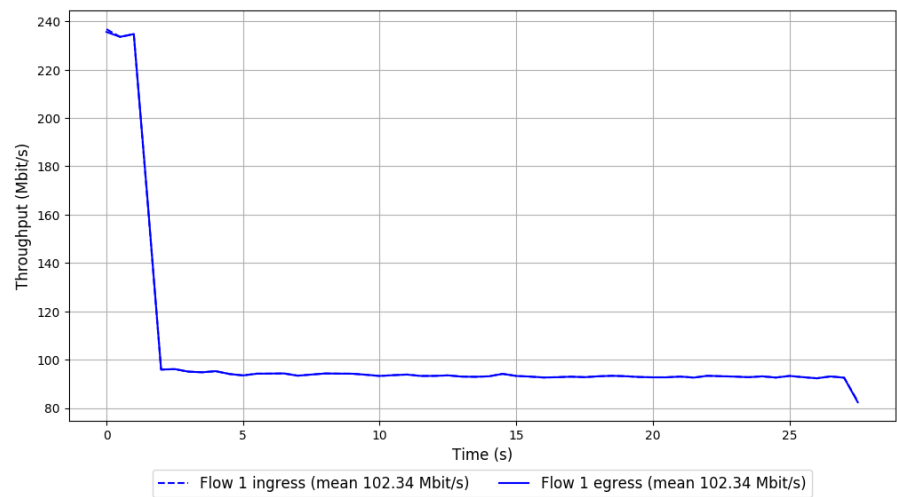
-- Flow 1:

Average throughput: 102.34 Mbit/s

95th percentile per-packet one-way delay: 2.422 ms

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-10-10 18:25:59

End at: 2017-10-10 18:26:29

Local clock offset: 1.367 ms

Remote clock offset: 0.284 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 113.24 Mbit/s

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

Loss rate: 0.01%

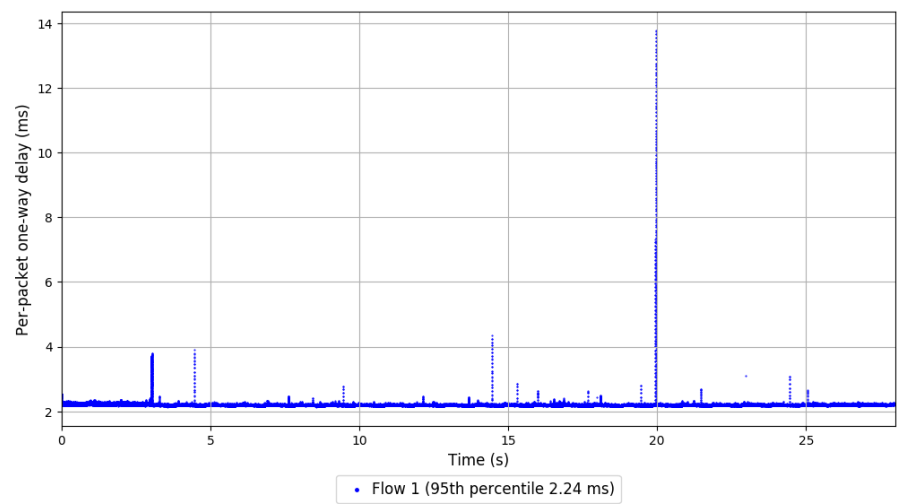
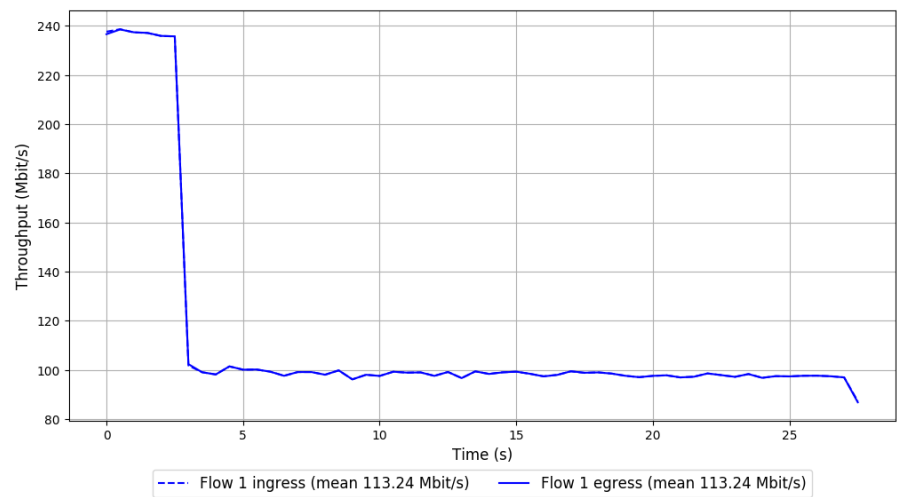
-- Flow 1:

Average throughput: 113.24 Mbit/s

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

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-10-10 18:44:33

End at: 2017-10-10 18:45:03

Local clock offset: 0.737 ms

Remote clock offset: 0.629 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.39 Mbit/s

95th percentile per-packet one-way delay: 2.336 ms

Loss rate: 0.02%

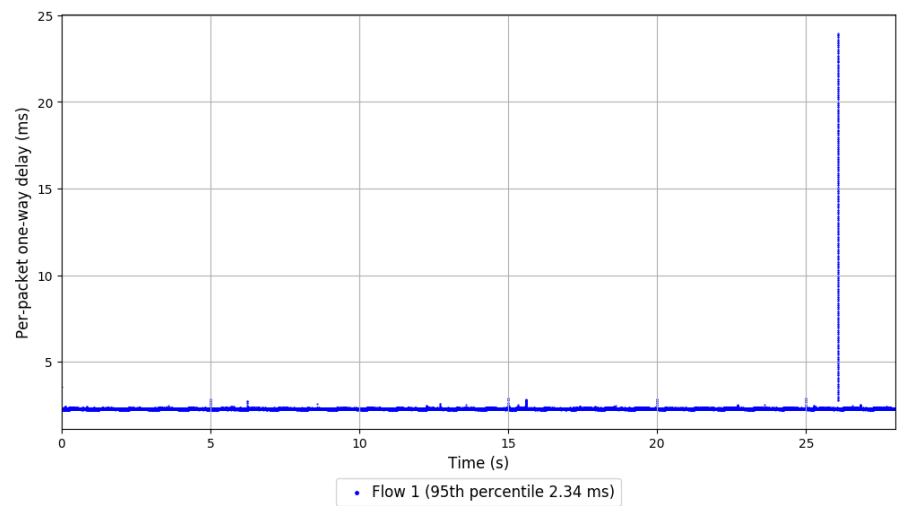
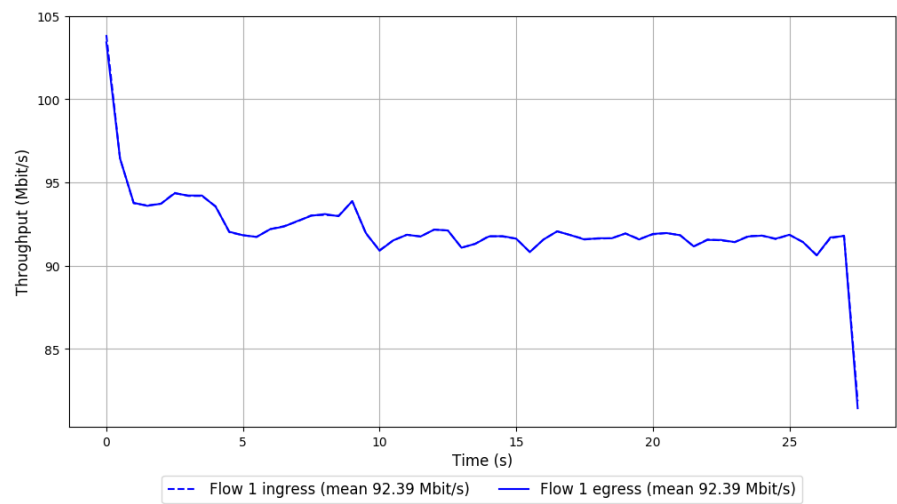
-- Flow 1:

Average throughput: 92.39 Mbit/s

95th percentile per-packet one-way delay: 2.336 ms

Loss rate: 0.02%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-10-10 19:03:12

End at: 2017-10-10 19:03:42

Local clock offset: 0.744 ms

Remote clock offset: 0.895 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 129.77 Mbit/s

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

Loss rate: 0.04%

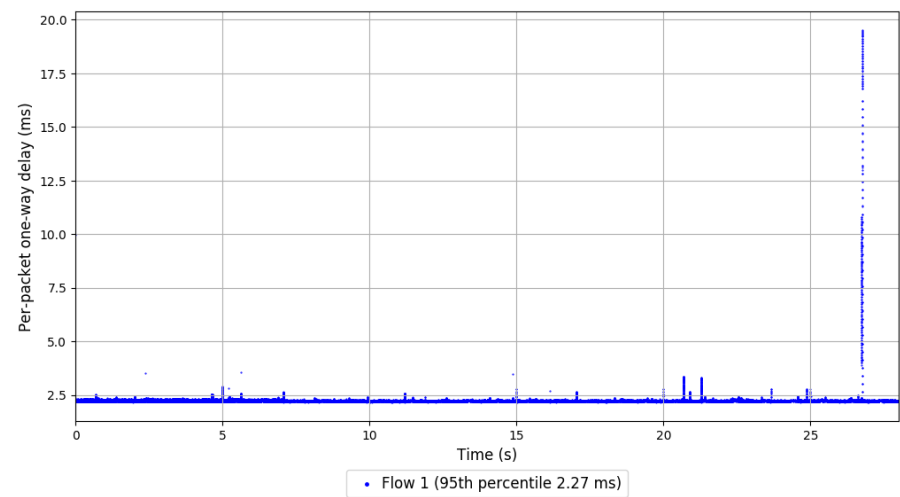
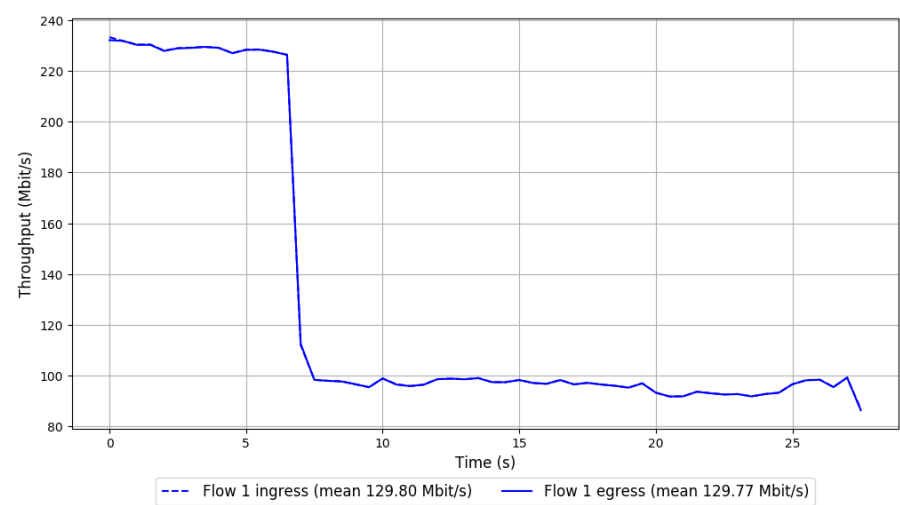
-- Flow 1:

Average throughput: 129.77 Mbit/s

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

Loss rate: 0.04%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-10-10 19:21:46

End at: 2017-10-10 19:22:16

Local clock offset: 1.047 ms

Remote clock offset: 1.143 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 116.13 Mbit/s

95th percentile per-packet one-way delay: 2.281 ms

Loss rate: 0.01%

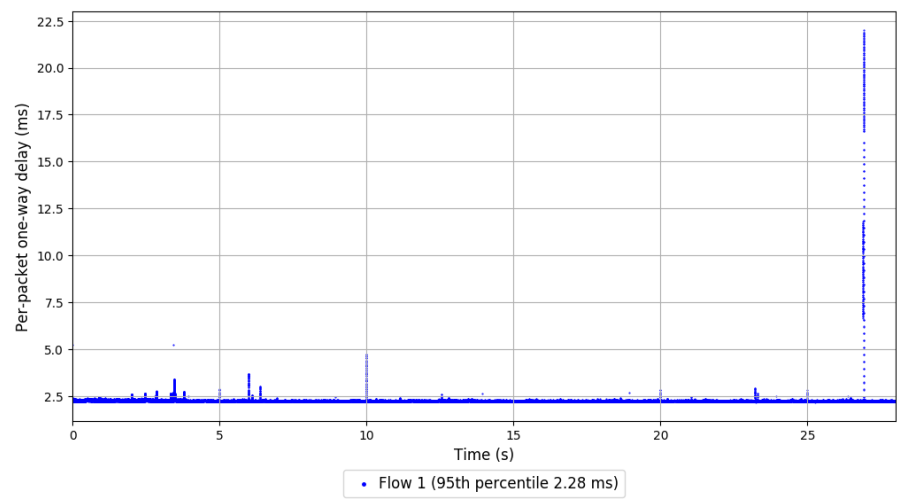
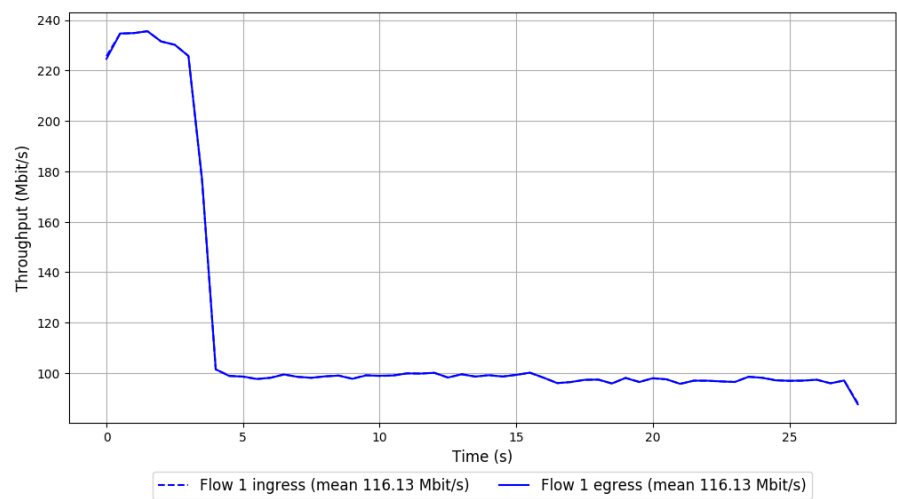
-- Flow 1:

Average throughput: 116.13 Mbit/s

95th percentile per-packet one-way delay: 2.281 ms

Loss rate: 0.01%

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



Run 7: Statistics of TaoVA-100x

Start at: 2017-10-10 19:40:01

End at: 2017-10-10 19:40:31

Local clock offset: 1.232 ms

Remote clock offset: 1.193 ms

Below is generated by plot.py at 2017-10-11 00:51:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 2.159 ms

Loss rate: 0.04%

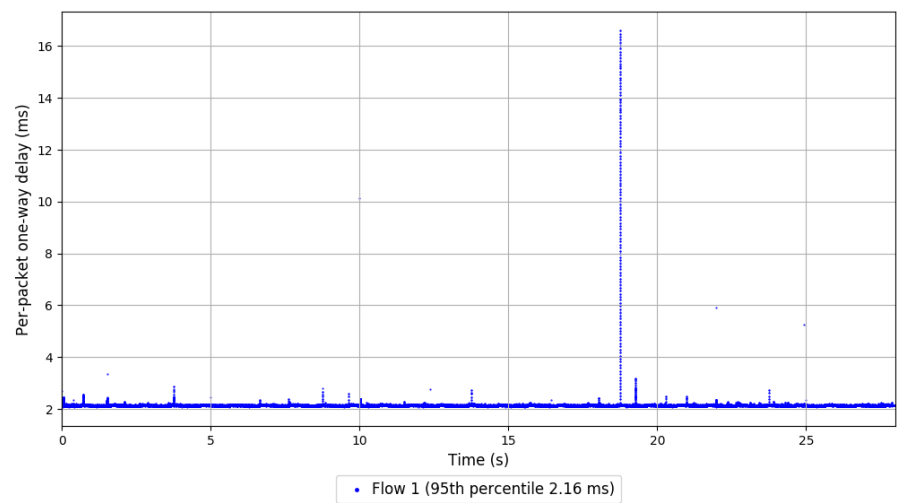
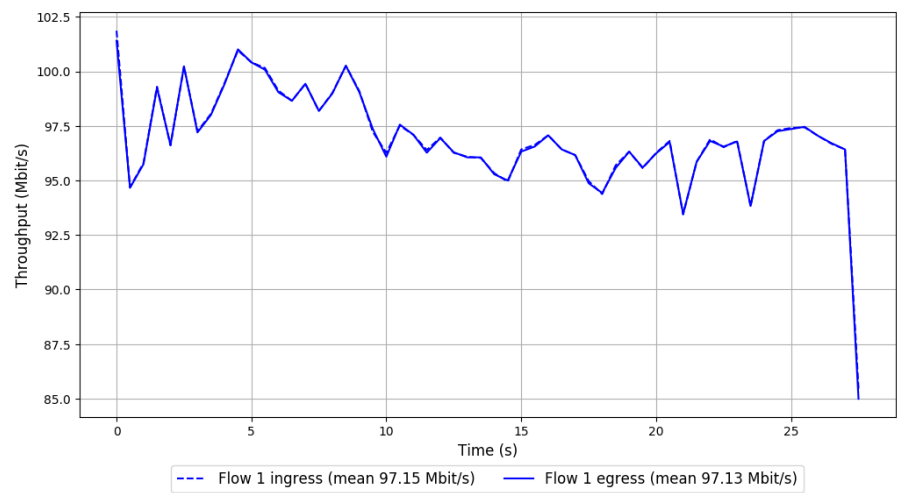
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 2.159 ms

Loss rate: 0.04%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-10-10 19:58:25

End at: 2017-10-10 19:58:55

Local clock offset: 1.045 ms

Remote clock offset: 0.967 ms

Below is generated by plot.py at 2017-10-11 00:53:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 230.43 Mbit/s

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

Loss rate: 0.02%

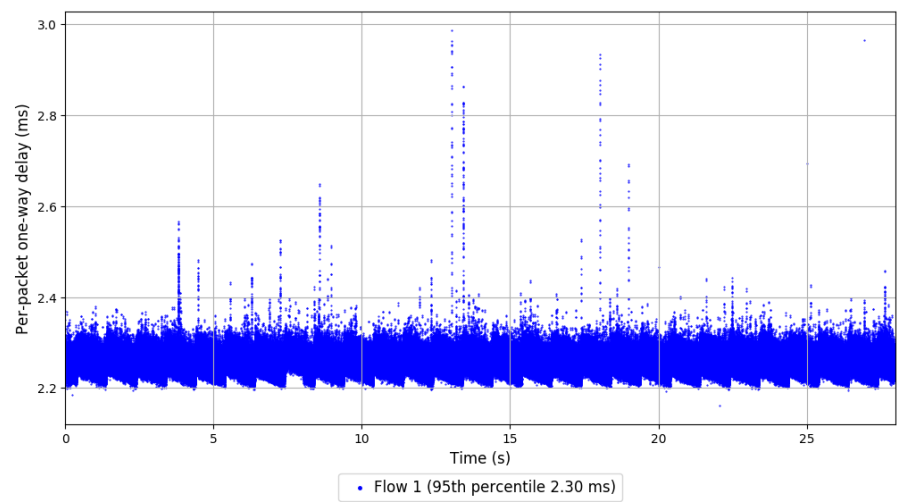
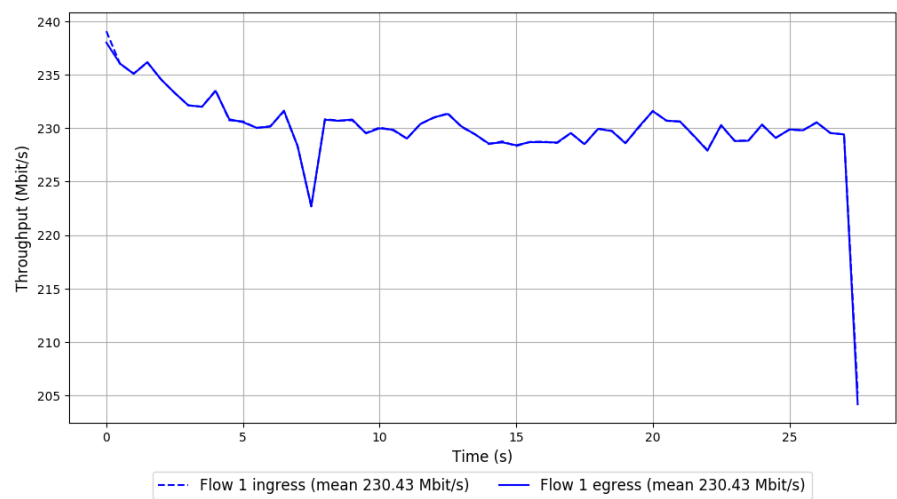
-- Flow 1:

Average throughput: 230.43 Mbit/s

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

Loss rate: 0.02%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-10-10 20:17:05

End at: 2017-10-10 20:17:35

Local clock offset: 0.982 ms

Remote clock offset: 0.838 ms

Below is generated by plot.py at 2017-10-11 00:53:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 150.74 Mbit/s

95th percentile per-packet one-way delay: 2.236 ms

Loss rate: 0.01%

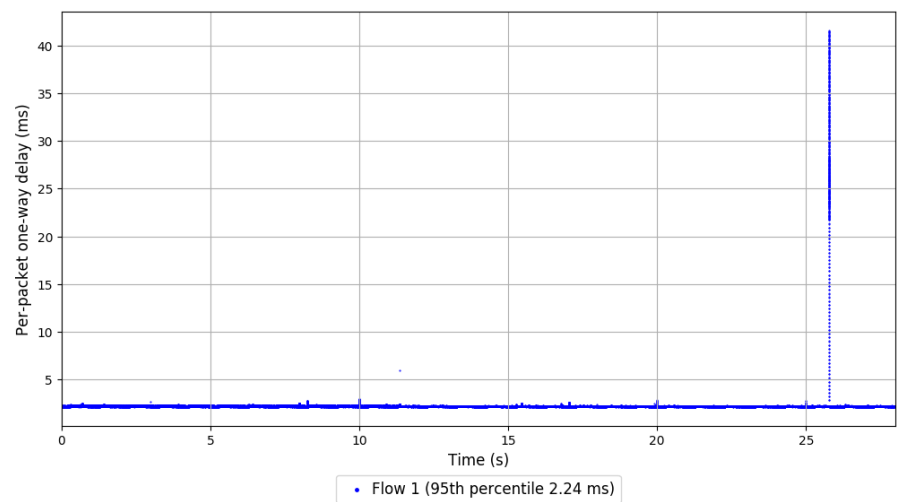
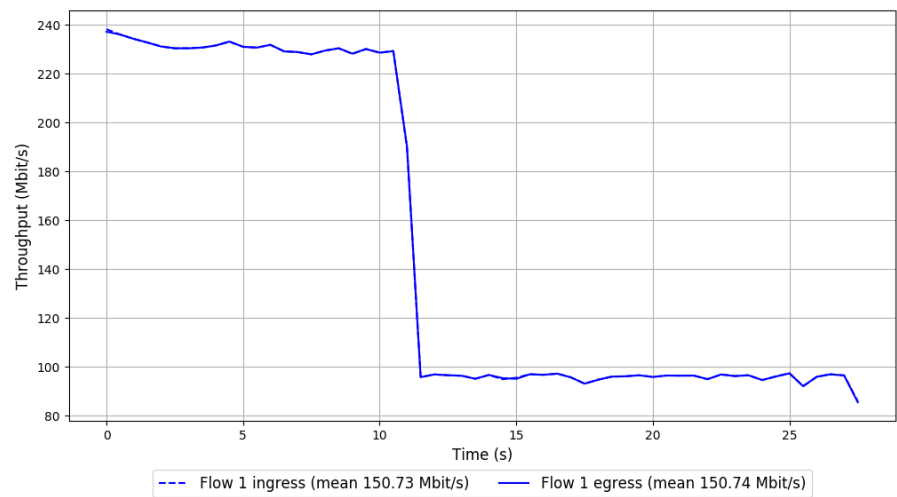
-- Flow 1:

Average throughput: 150.74 Mbit/s

95th percentile per-packet one-way delay: 2.236 ms

Loss rate: 0.01%

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

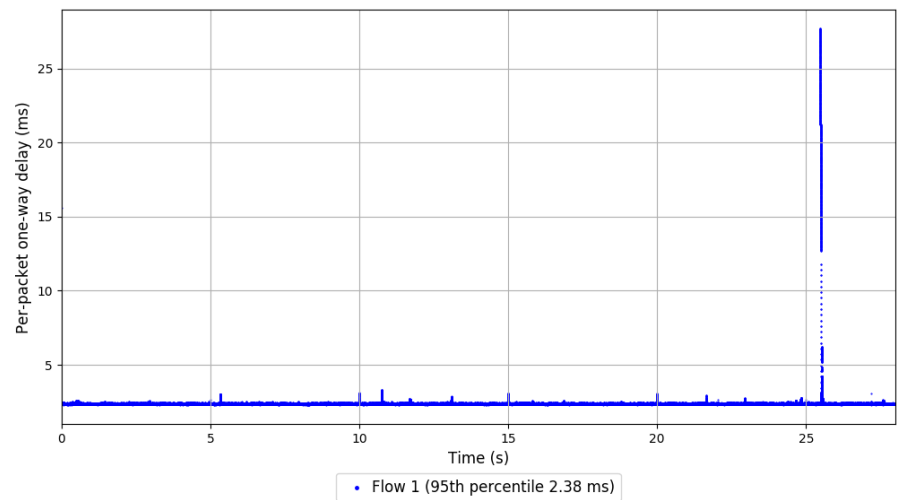
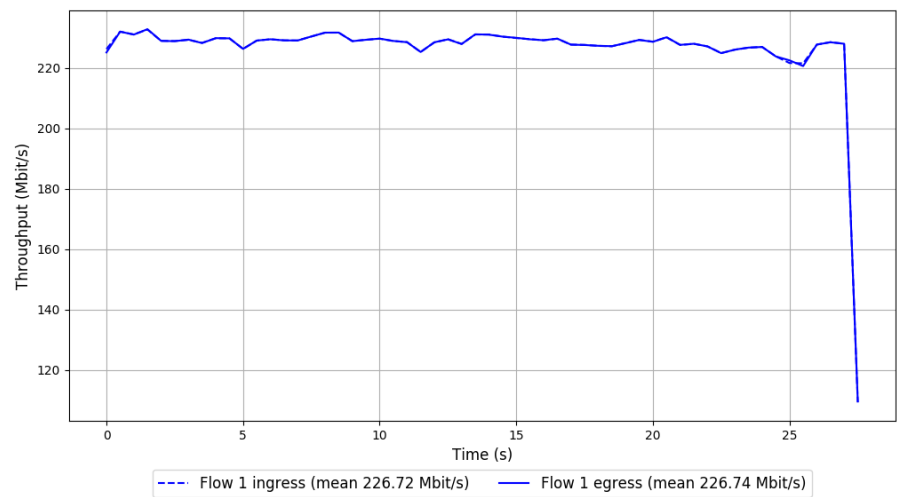


```
Run 10: Statistics of TaoVA-100x

Start at: 2017-10-10 20:35:01
End at: 2017-10-10 20:35:31
Local clock offset: 0.895 ms
Remote clock offset: 0.5 ms

# Below is generated by plot.py at 2017-10-11 00:54:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 226.74 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 226.74 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.01%
```

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



Run 1: Statistics of TCP Vegas

Start at: 2017-10-10 17:46:24

End at: 2017-10-10 17:46:54

Local clock offset: 1.373 ms

Remote clock offset: -0.596 ms

Below is generated by plot.py at 2017-10-11 00:56:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 534.89 Mbit/s

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

Loss rate: 0.01%

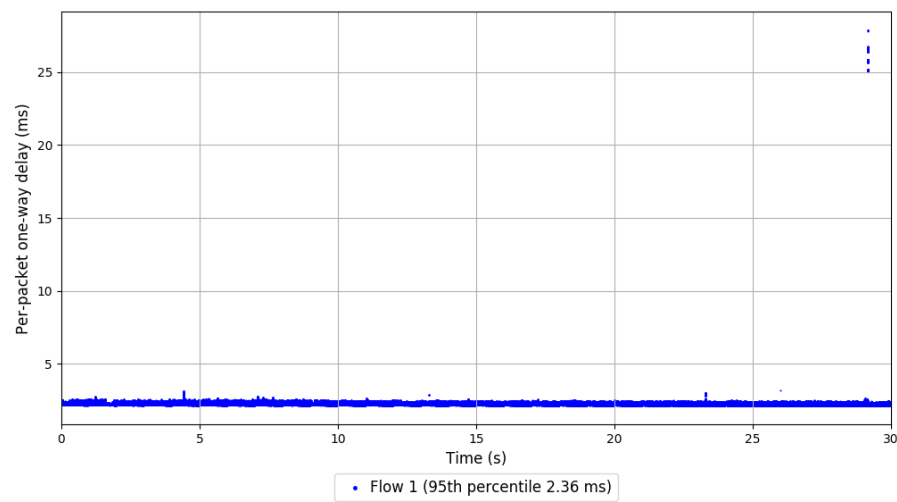
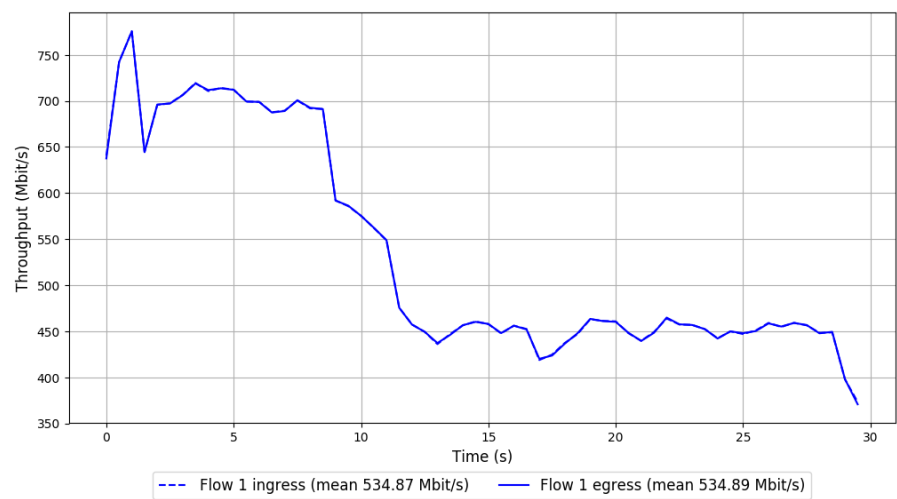
-- Flow 1:

Average throughput: 534.89 Mbit/s

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

Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

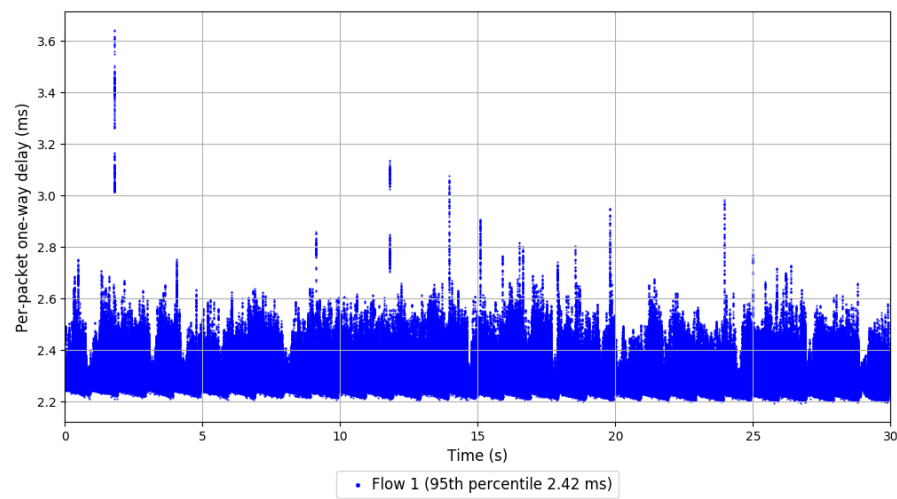
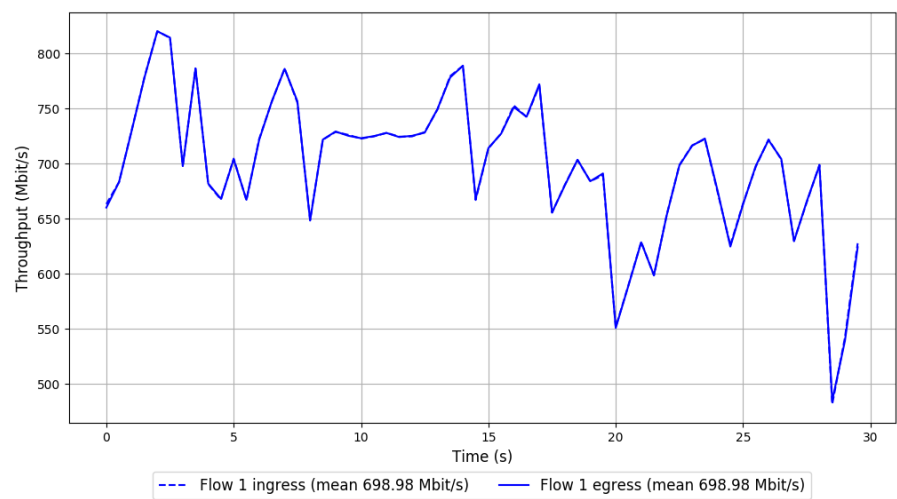


Run 2: Statistics of TCP Vegas

Start at: 2017-10-10 18:04:51
End at: 2017-10-10 18:05:21
Local clock offset: 1.915 ms
Remote clock offset: -0.174 ms

Below is generated by plot.py at 2017-10-11 01:01:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 698.98 Mbit/s
95th percentile per-packet one-way delay: 2.421 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 698.98 Mbit/s
95th percentile per-packet one-way delay: 2.421 ms
Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2017-10-10 18:23:34

End at: 2017-10-10 18:24:04

Local clock offset: 1.305 ms

Remote clock offset: 0.193 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 461.63 Mbit/s

95th percentile per-packet one-way delay: 2.460 ms

Loss rate: 0.02%

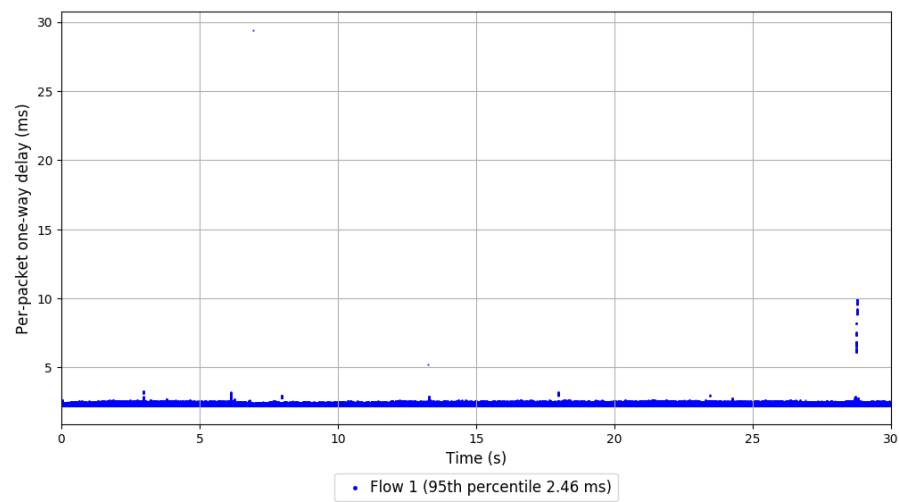
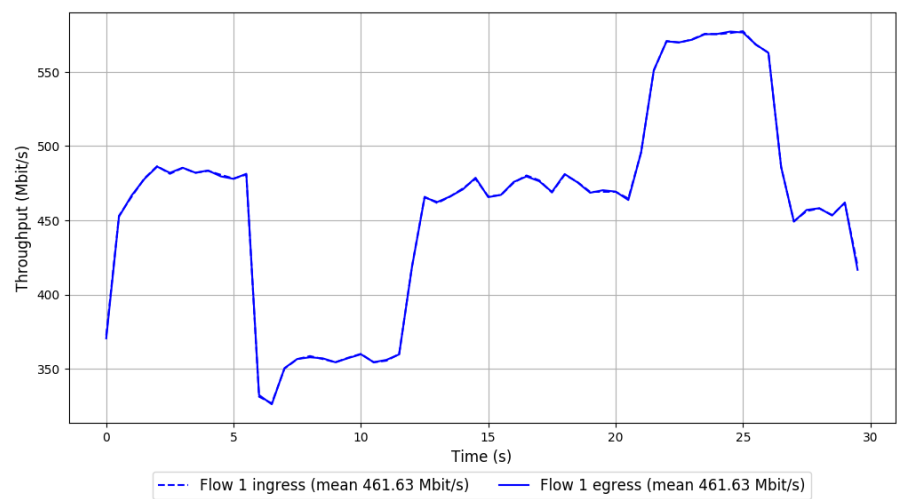
-- Flow 1:

Average throughput: 461.63 Mbit/s

95th percentile per-packet one-way delay: 2.460 ms

Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2017-10-10 18:41:57

End at: 2017-10-10 18:42:27

Local clock offset: 0.756 ms

Remote clock offset: 0.574 ms

Below is generated by plot.py at 2017-10-11 01:01:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 718.49 Mbit/s

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

Loss rate: 0.01%

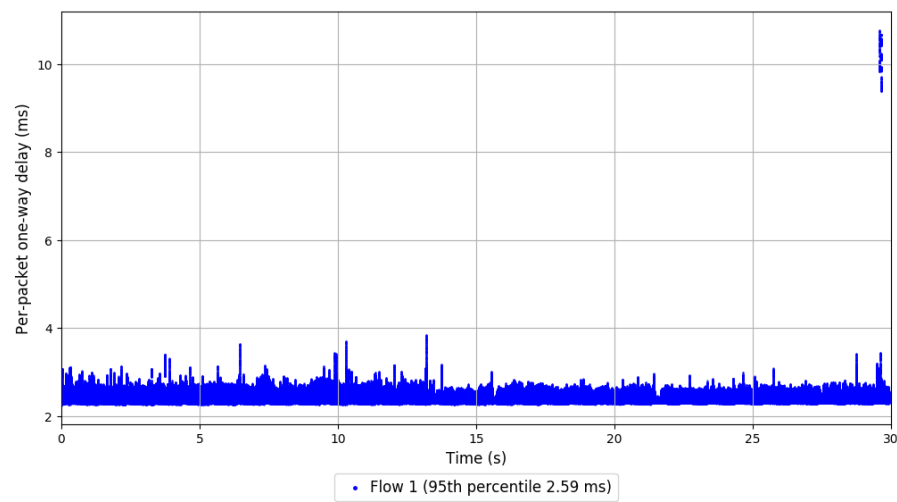
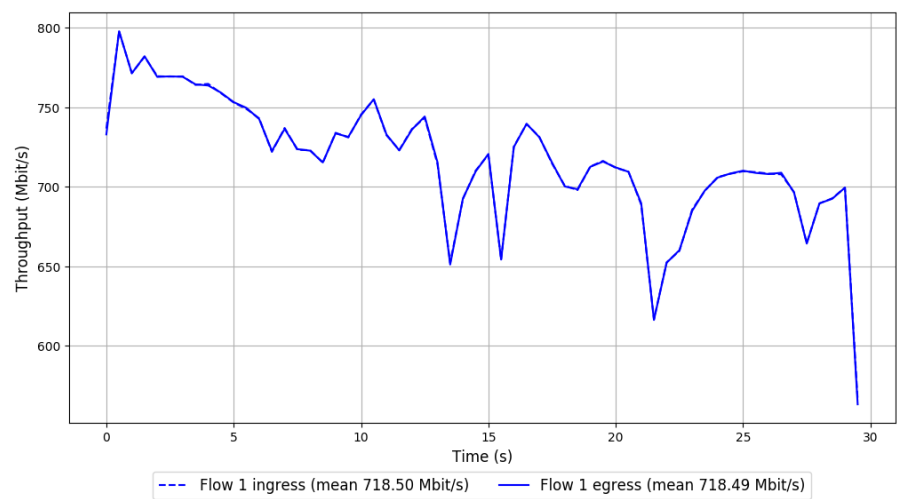
-- Flow 1:

Average throughput: 718.49 Mbit/s

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

Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2017-10-10 19:00:35

End at: 2017-10-10 19:01:05

Local clock offset: 0.75 ms

Remote clock offset: 0.885 ms

Below is generated by plot.py at 2017-10-11 01:02:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 738.80 Mbit/s

95th percentile per-packet one-way delay: 2.455 ms

Loss rate: 0.01%

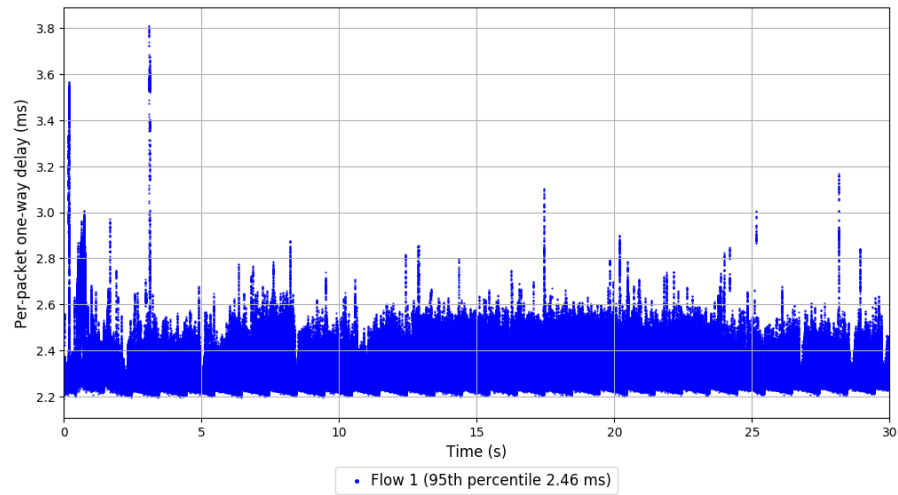
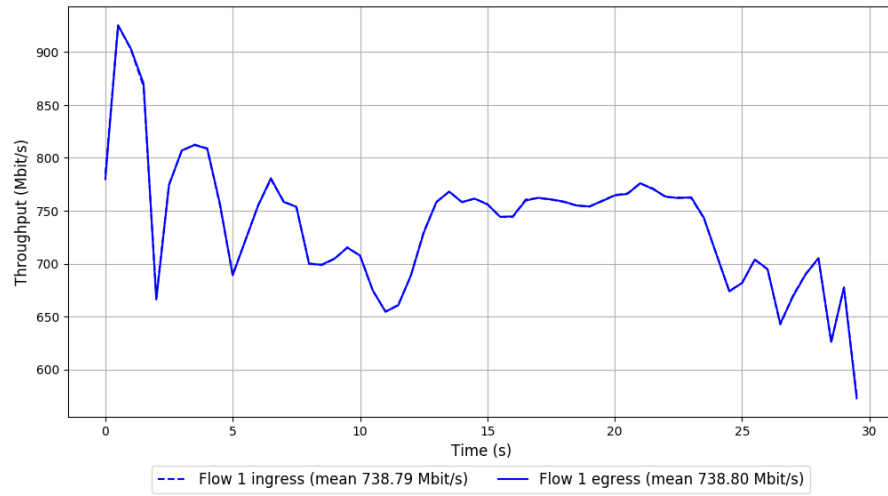
-- Flow 1:

Average throughput: 738.80 Mbit/s

95th percentile per-packet one-way delay: 2.455 ms

Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2017-10-10 19:19:13

End at: 2017-10-10 19:19:43

Local clock offset: 0.949 ms

Remote clock offset: 1.112 ms

Below is generated by plot.py at 2017-10-11 01:02:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 639.32 Mbit/s

95th percentile per-packet one-way delay: 2.412 ms

Loss rate: 0.02%

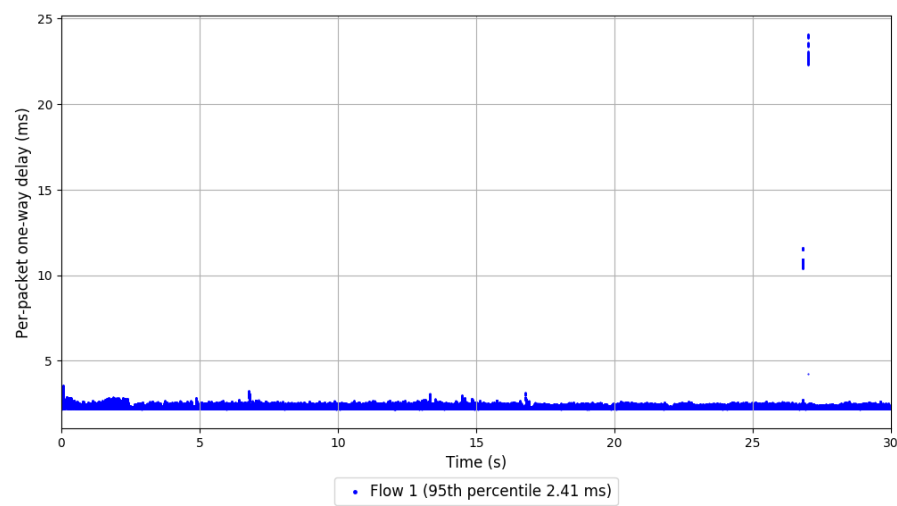
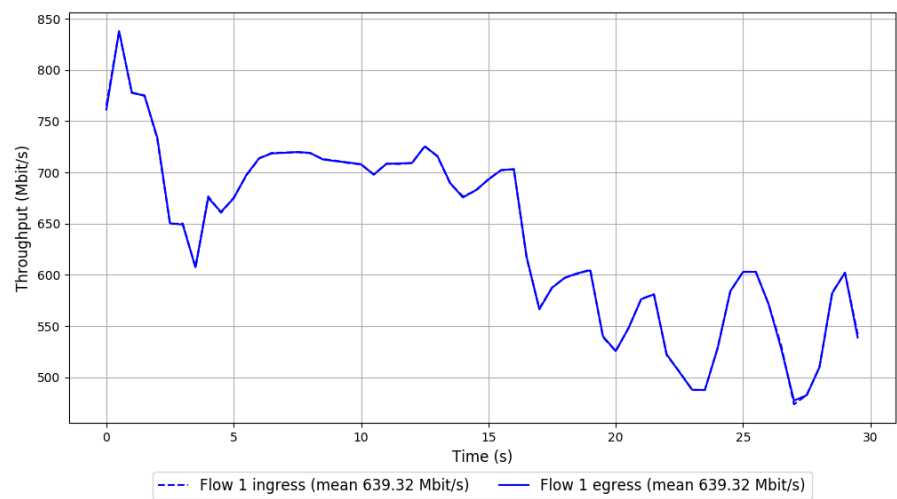
-- Flow 1:

Average throughput: 639.32 Mbit/s

95th percentile per-packet one-way delay: 2.412 ms

Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2017-10-10 19:37:47

End at: 2017-10-10 19:38:17

Local clock offset: 1.267 ms

Remote clock offset: 1.212 ms

Below is generated by plot.py at 2017-10-11 01:02:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 169.22 Mbit/s

95th percentile per-packet one-way delay: 2.282 ms

Loss rate: 0.03%

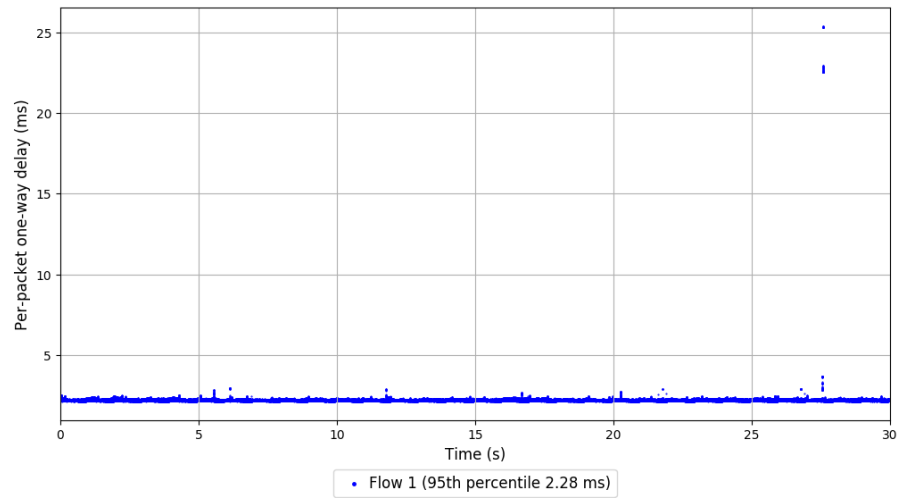
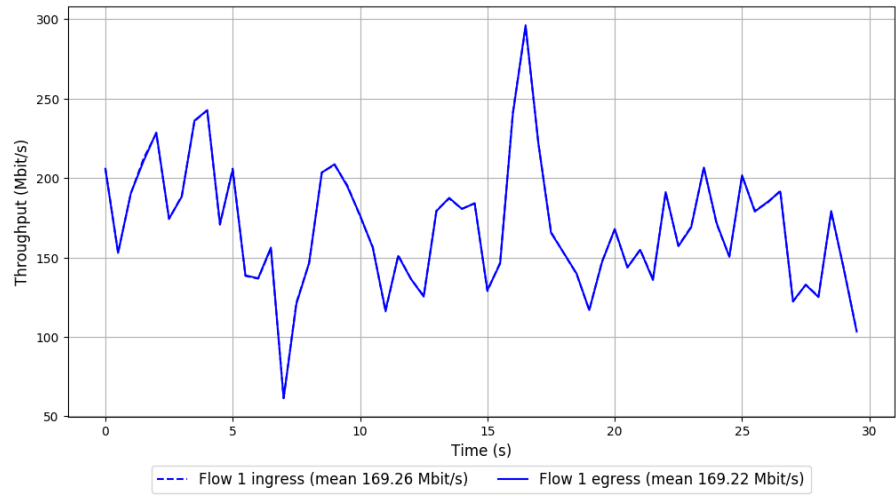
-- Flow 1:

Average throughput: 169.22 Mbit/s

95th percentile per-packet one-way delay: 2.282 ms

Loss rate: 0.03%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-10-10 19:55:58

End at: 2017-10-10 19:56:28

Local clock offset: 1.182 ms

Remote clock offset: 1.139 ms

Below is generated by plot.py at 2017-10-11 01:02:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 492.63 Mbit/s

95th percentile per-packet one-way delay: 2.425 ms

Loss rate: 0.01%

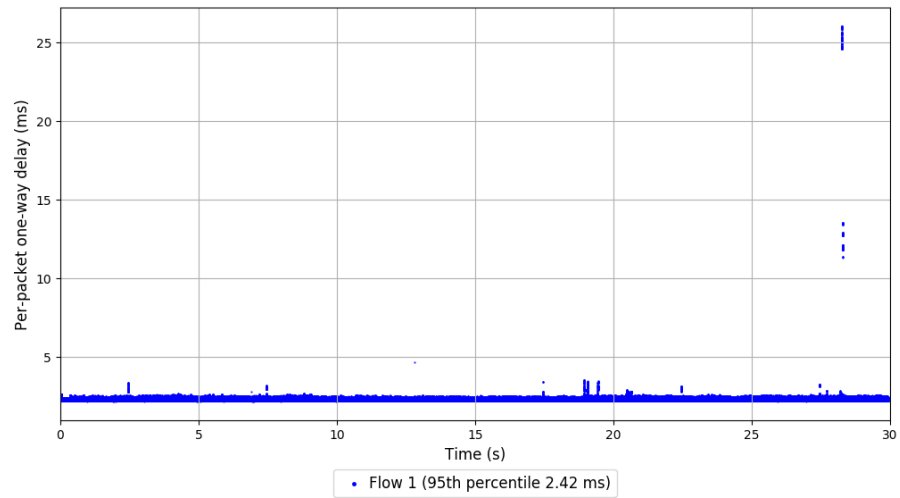
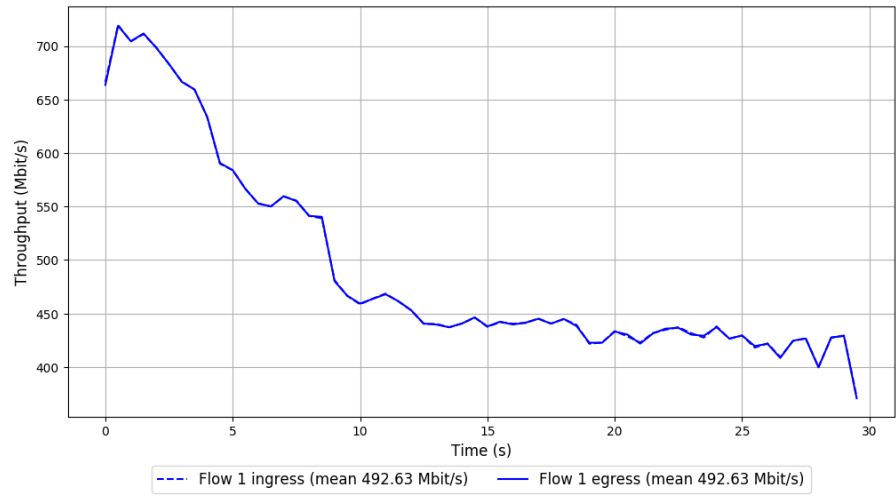
-- Flow 1:

Average throughput: 492.63 Mbit/s

95th percentile per-packet one-way delay: 2.425 ms

Loss rate: 0.01%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2017-10-10 20:14:38

End at: 2017-10-10 20:15:08

Local clock offset: 1.052 ms

Remote clock offset: 0.913 ms

Below is generated by plot.py at 2017-10-11 01:03:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 482.72 Mbit/s

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

Loss rate: 0.01%

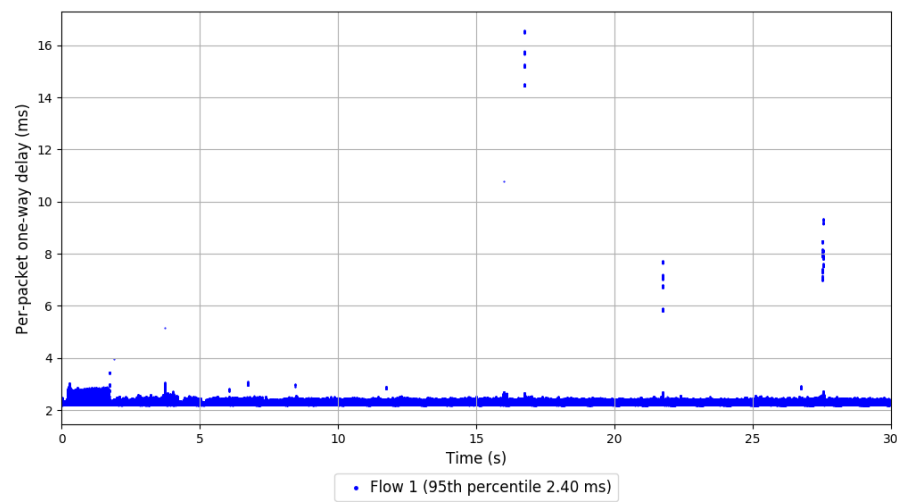
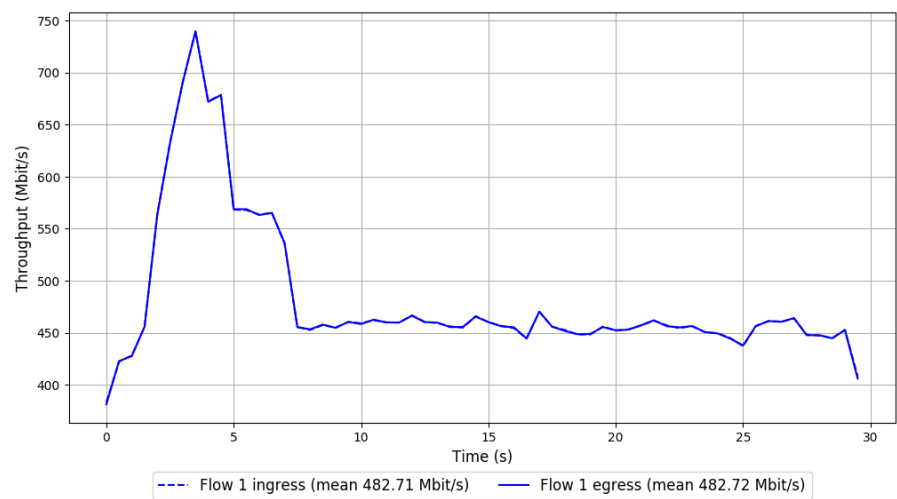
-- Flow 1:

Average throughput: 482.72 Mbit/s

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

Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-10-10 20:32:41

End at: 2017-10-10 20:33:11

Local clock offset: 0.975 ms

Remote clock offset: 0.671 ms

Below is generated by plot.py at 2017-10-11 01:03:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 337.94 Mbit/s

95th percentile per-packet one-way delay: 2.329 ms

Loss rate: 0.02%

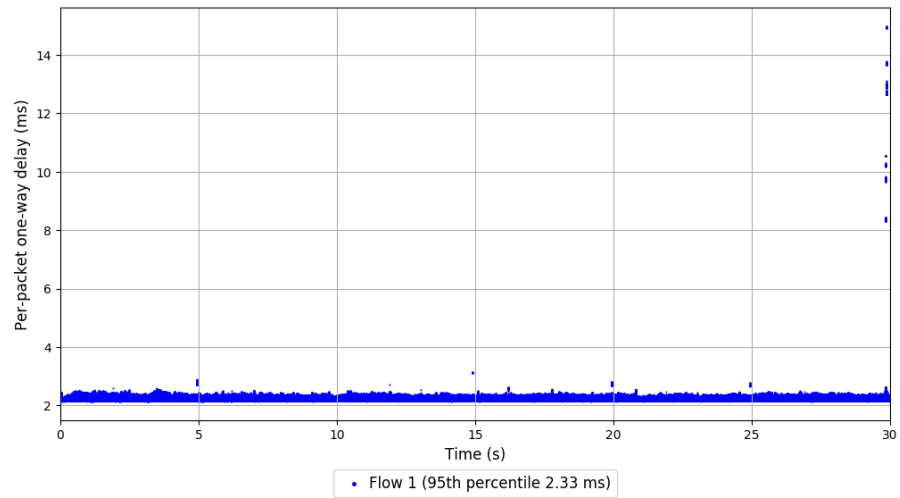
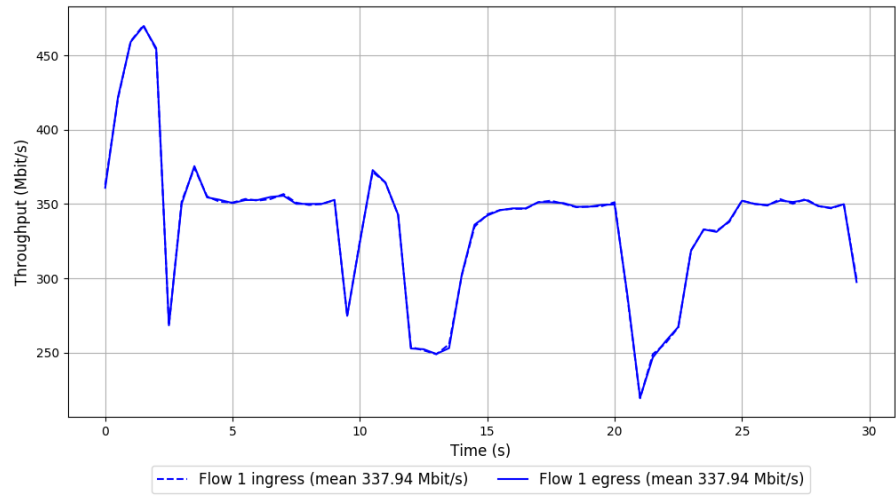
-- Flow 1:

Average throughput: 337.94 Mbit/s

95th percentile per-packet one-way delay: 2.329 ms

Loss rate: 0.02%

Run 10: Report of TCP Vegas — Data Link

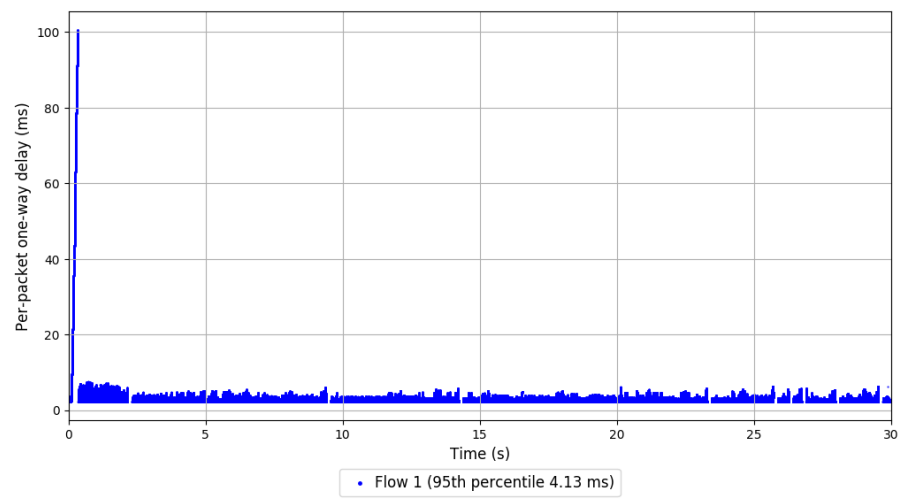
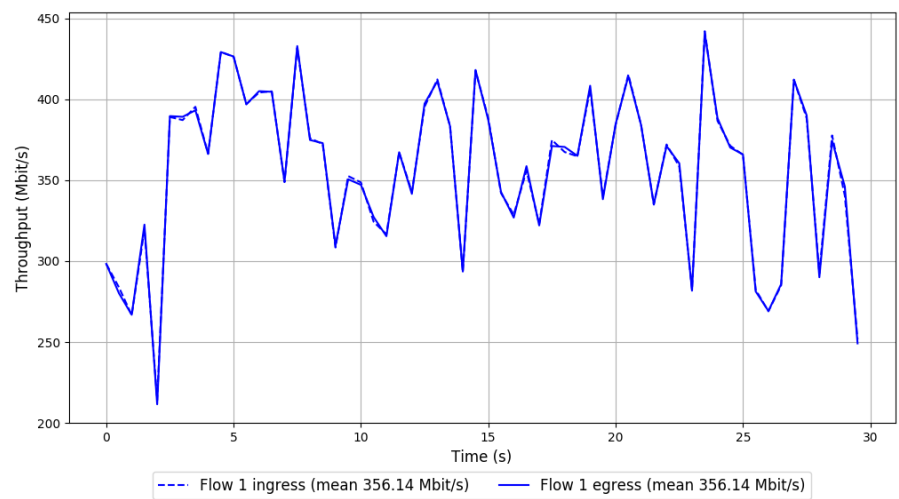


Run 1: Statistics of Verus

Start at: 2017-10-10 17:39:29
End at: 2017-10-10 17:39:59
Local clock offset: 1.008 ms
Remote clock offset: -0.761 ms

Below is generated by plot.py at 2017-10-11 01:03:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 356.14 Mbit/s
95th percentile per-packet one-way delay: 4.127 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 356.14 Mbit/s
95th percentile per-packet one-way delay: 4.127 ms
Loss rate: 0.01%

Run 1: Report of Verus — Data Link

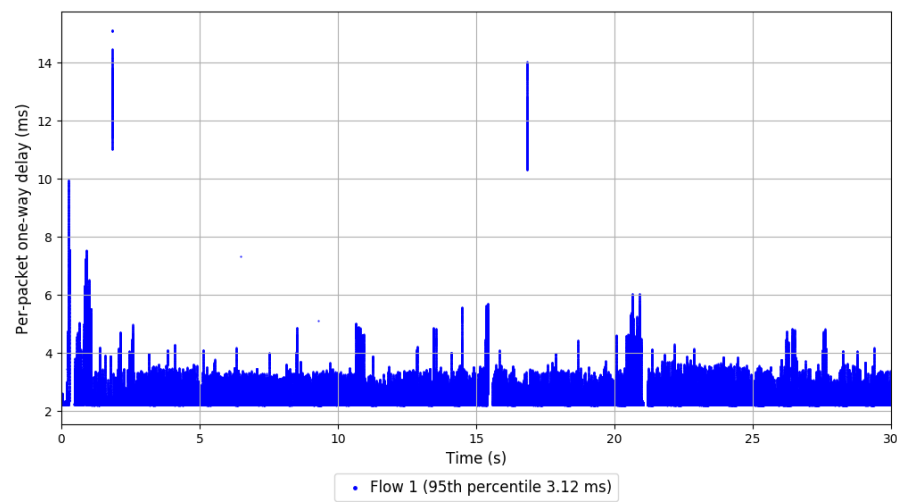
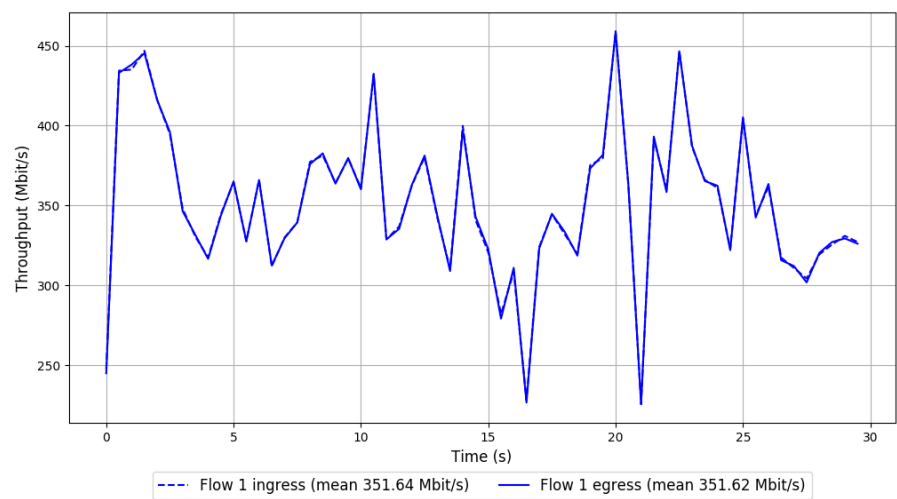


Run 2: Statistics of Verus

Start at: 2017-10-10 17:57:58
End at: 2017-10-10 17:58:28
Local clock offset: 1.589 ms
Remote clock offset: -0.257 ms

Below is generated by plot.py at 2017-10-11 01:06:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 351.62 Mbit/s
95th percentile per-packet one-way delay: 3.124 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 351.62 Mbit/s
95th percentile per-packet one-way delay: 3.124 ms
Loss rate: 0.03%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-10-10 18:16:35

End at: 2017-10-10 18:17:05

Local clock offset: 1.264 ms

Remote clock offset: 0.029 ms

Below is generated by plot.py at 2017-10-11 01:07:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 409.38 Mbit/s

95th percentile per-packet one-way delay: 4.208 ms

Loss rate: 0.00%

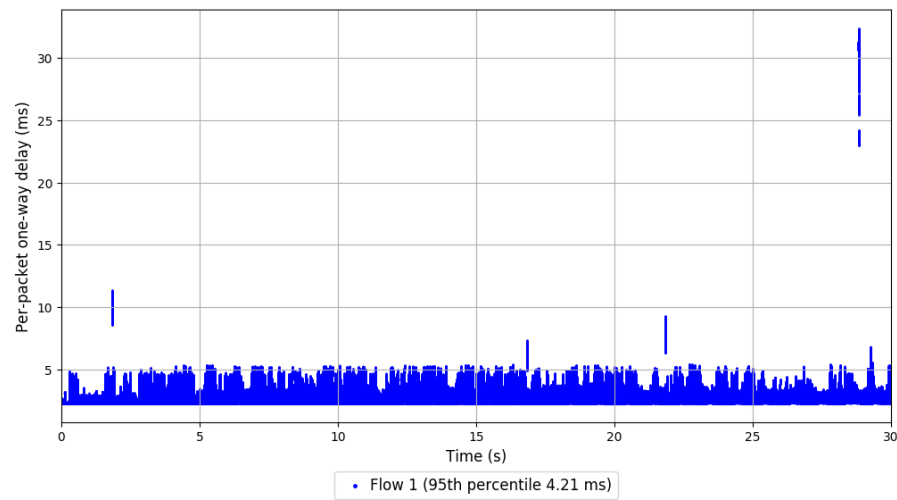
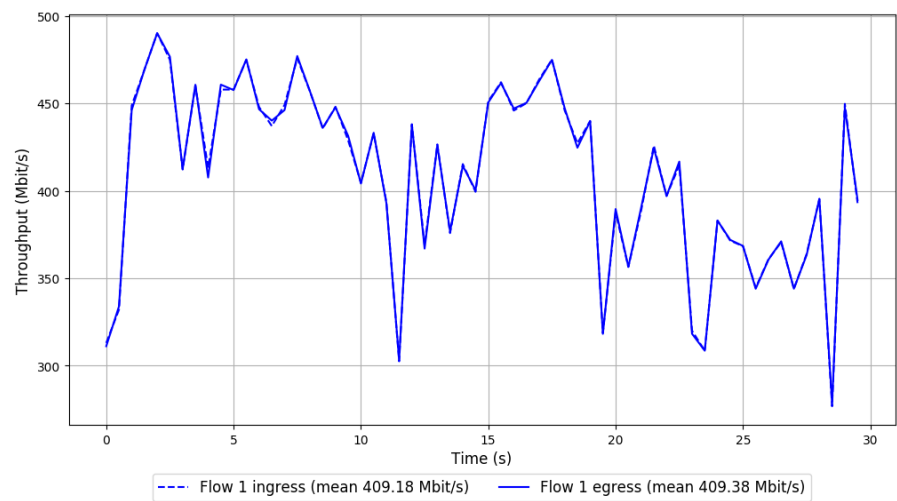
-- Flow 1:

Average throughput: 409.38 Mbit/s

95th percentile per-packet one-way delay: 4.208 ms

Loss rate: 0.00%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-10-10 18:35:08

End at: 2017-10-10 18:35:38

Local clock offset: 0.95 ms

Remote clock offset: 0.392 ms

Below is generated by plot.py at 2017-10-11 01:07:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 333.07 Mbit/s

95th percentile per-packet one-way delay: 3.583 ms

Loss rate: 0.02%

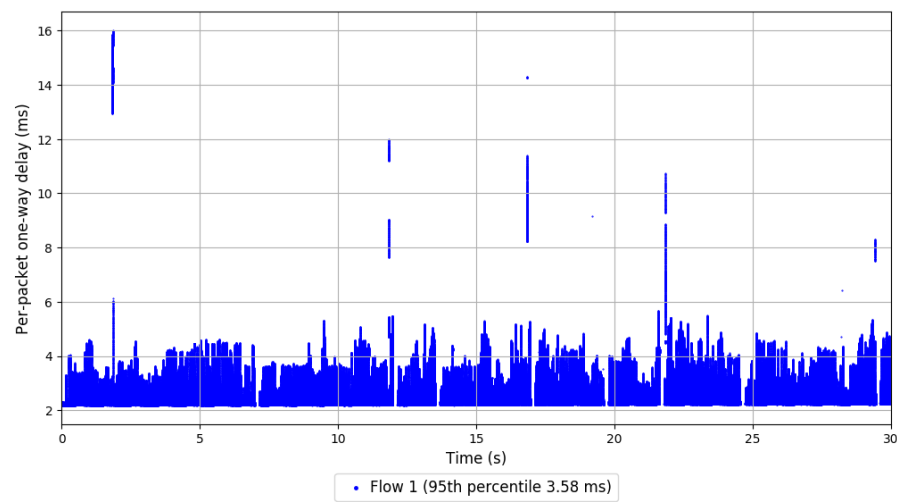
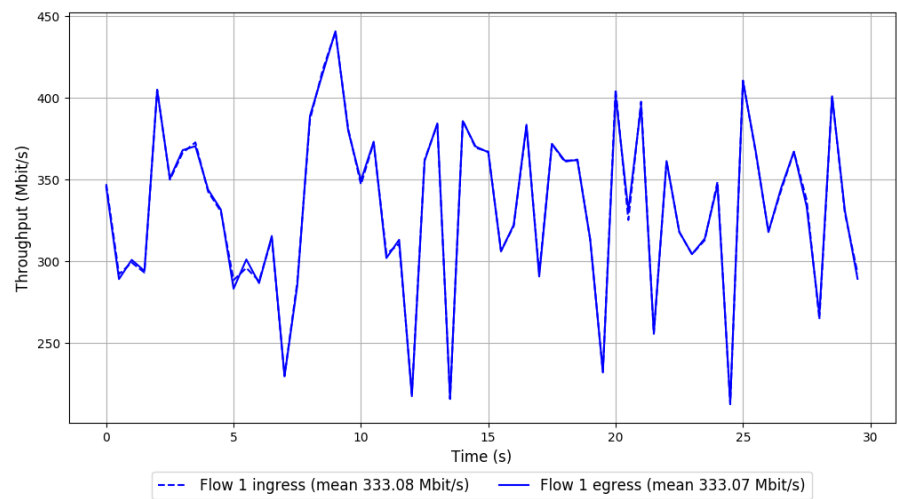
-- Flow 1:

Average throughput: 333.07 Mbit/s

95th percentile per-packet one-way delay: 3.583 ms

Loss rate: 0.02%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-10-10 18:53:40

End at: 2017-10-10 18:54:11

Local clock offset: 0.782 ms

Remote clock offset: 0.74 ms

Below is generated by plot.py at 2017-10-11 01:07:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 367.93 Mbit/s

95th percentile per-packet one-way delay: 3.217 ms

Loss rate: 0.02%

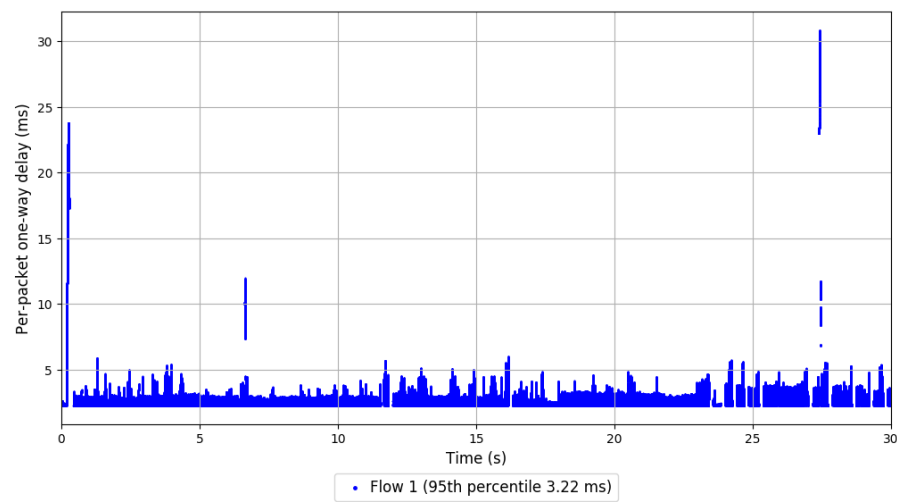
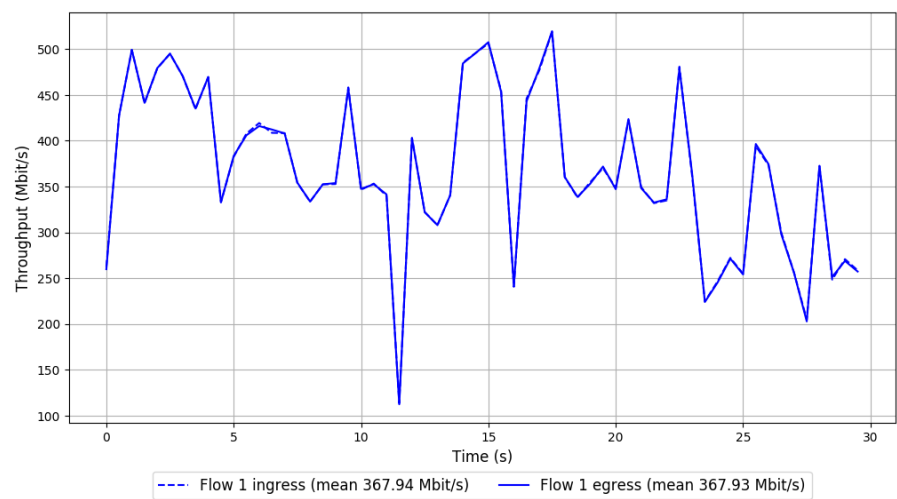
-- Flow 1:

Average throughput: 367.93 Mbit/s

95th percentile per-packet one-way delay: 3.217 ms

Loss rate: 0.02%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2017-10-10 19:12:21

End at: 2017-10-10 19:12:51

Local clock offset: 0.743 ms

Remote clock offset: 0.959 ms

Below is generated by plot.py at 2017-10-11 01:07:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 301.26 Mbit/s

95th percentile per-packet one-way delay: 4.057 ms

Loss rate: 0.02%

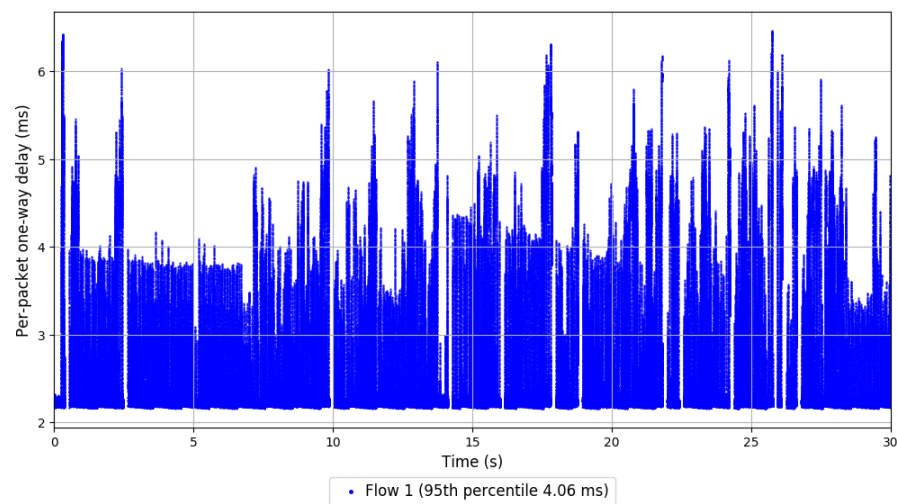
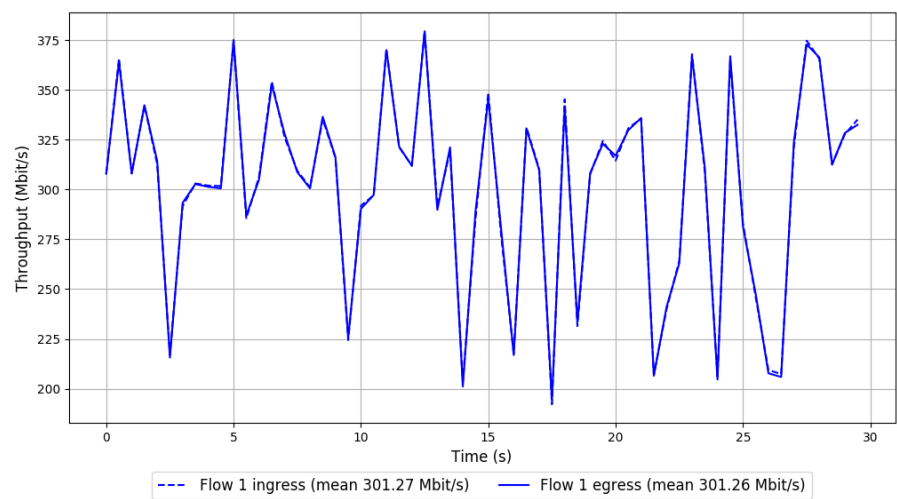
-- Flow 1:

Average throughput: 301.26 Mbit/s

95th percentile per-packet one-way delay: 4.057 ms

Loss rate: 0.02%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

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

End at: 2017-10-10 19:31:23

Local clock offset: 1.31 ms

Remote clock offset: 1.183 ms

Below is generated by plot.py at 2017-10-11 01:07:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 338.33 Mbit/s

95th percentile per-packet one-way delay: 4.817 ms

Loss rate: 0.02%

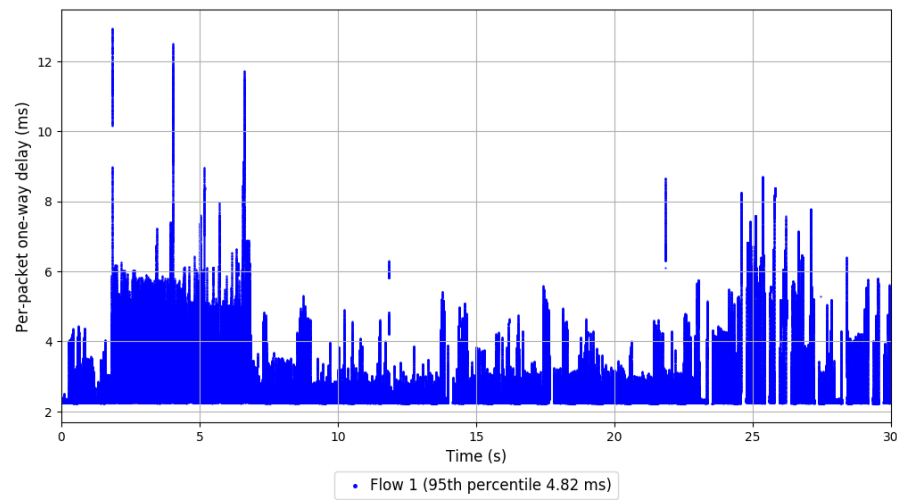
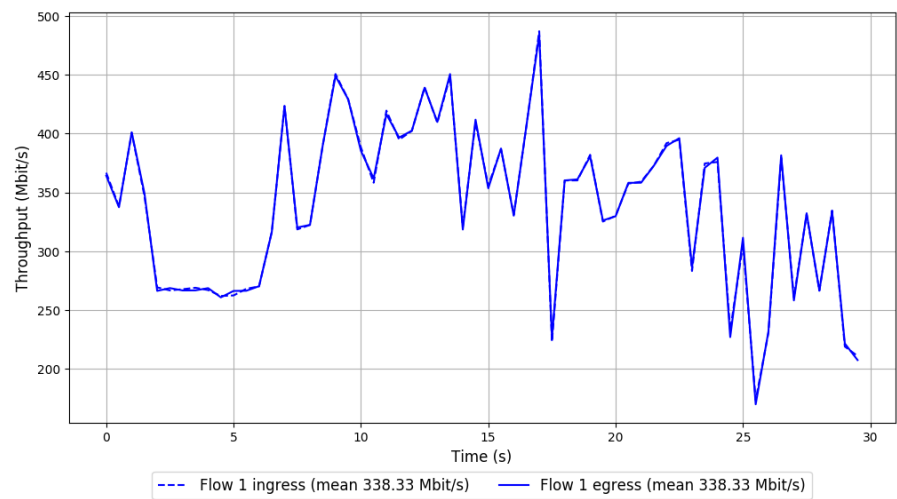
-- Flow 1:

Average throughput: 338.33 Mbit/s

95th percentile per-packet one-way delay: 4.817 ms

Loss rate: 0.02%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-10-10 19:49:09

End at: 2017-10-10 19:49:39

Local clock offset: 1.113 ms

Remote clock offset: 0.909 ms

Below is generated by plot.py at 2017-10-11 01:07:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 318.58 Mbit/s

95th percentile per-packet one-way delay: 4.735 ms

Loss rate: 0.01%

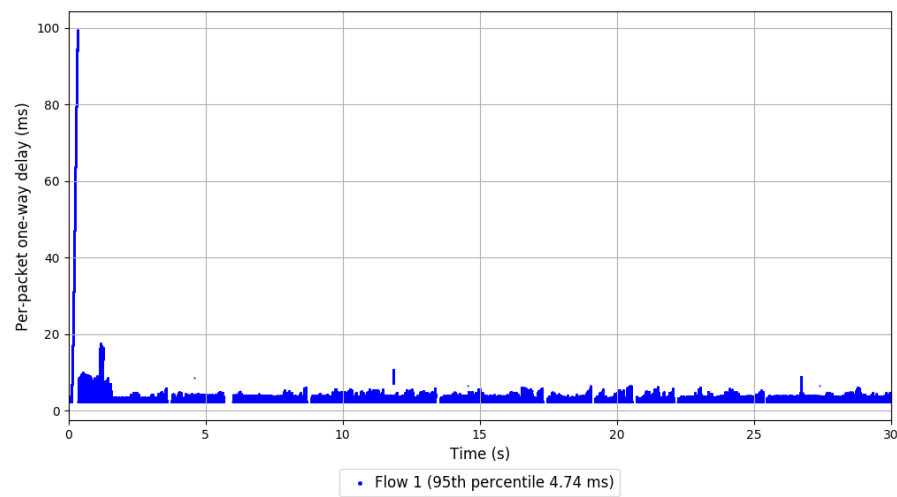
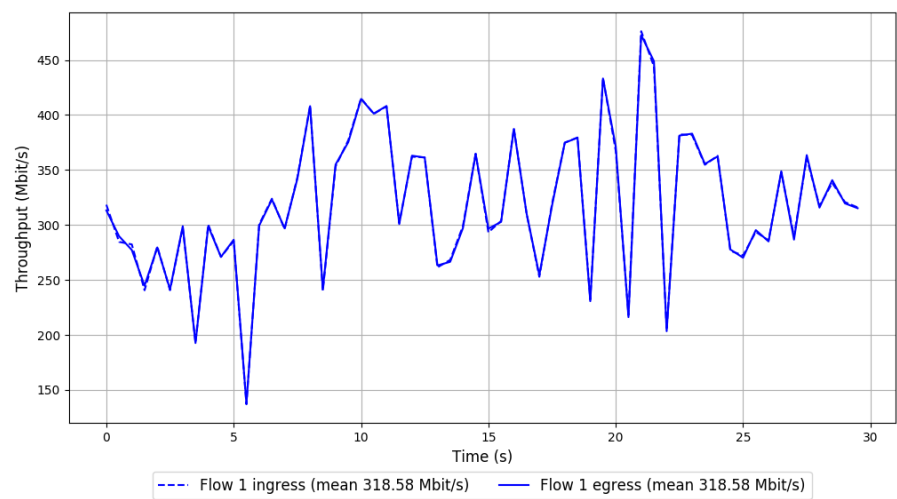
-- Flow 1:

Average throughput: 318.58 Mbit/s

95th percentile per-packet one-way delay: 4.735 ms

Loss rate: 0.01%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2017-10-10 20:07:42

End at: 2017-10-10 20:08:12

Local clock offset: 1.039 ms

Remote clock offset: 0.885 ms

Below is generated by plot.py at 2017-10-11 01:09:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 354.36 Mbit/s

95th percentile per-packet one-way delay: 3.243 ms

Loss rate: 0.04%

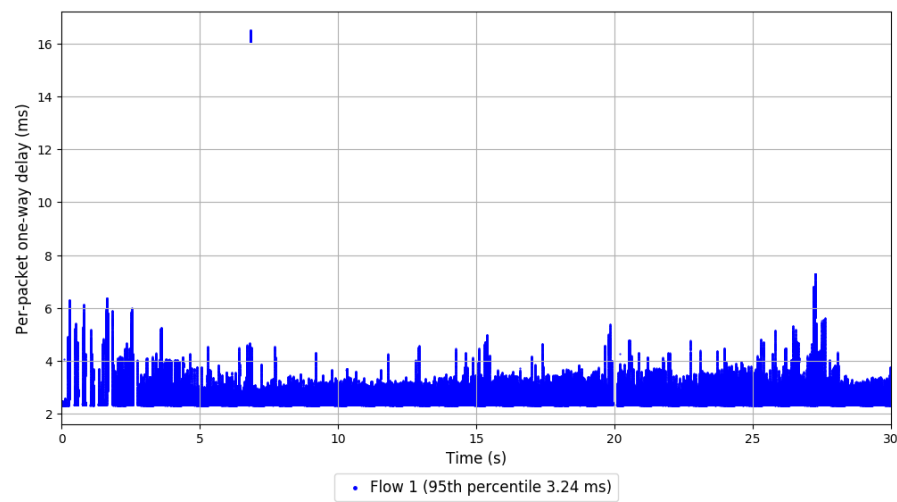
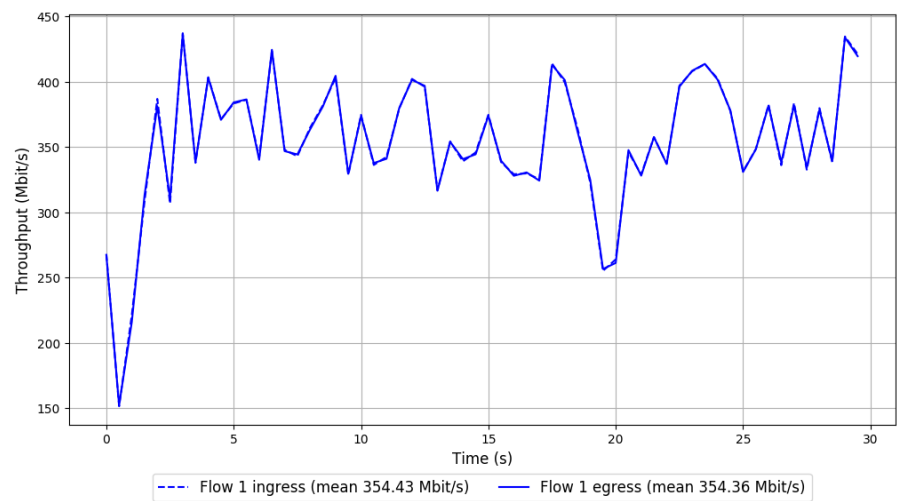
-- Flow 1:

Average throughput: 354.36 Mbit/s

95th percentile per-packet one-way delay: 3.243 ms

Loss rate: 0.04%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2017-10-10 20:26:14

End at: 2017-10-10 20:26:44

Local clock offset: 1.137 ms

Remote clock offset: 0.764 ms

Below is generated by plot.py at 2017-10-11 01:11:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 328.40 Mbit/s

95th percentile per-packet one-way delay: 4.010 ms

Loss rate: 0.01%

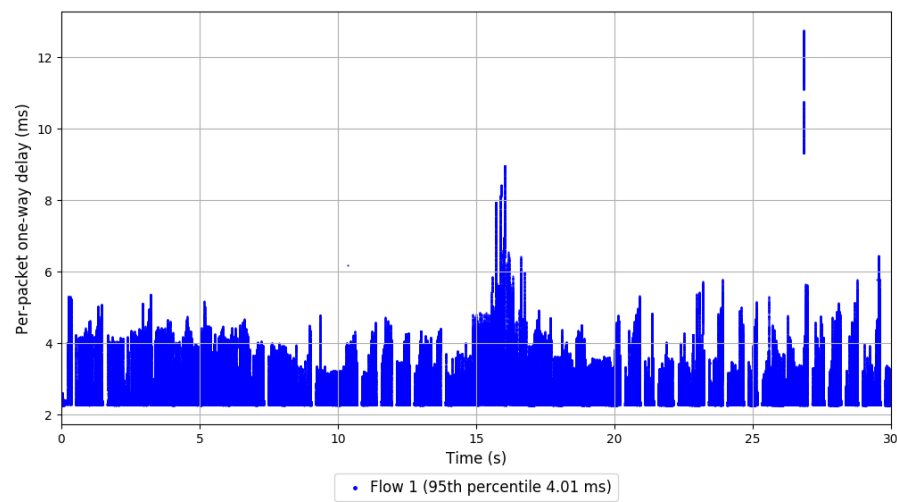
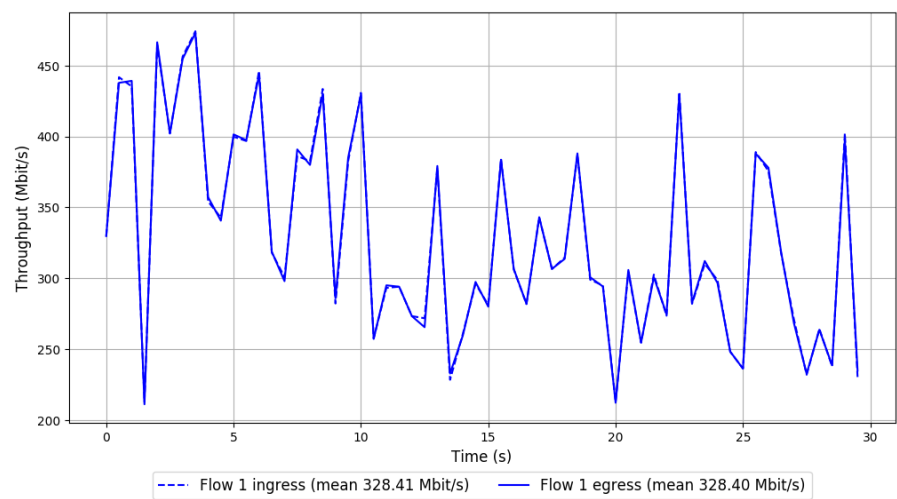
-- Flow 1:

Average throughput: 328.40 Mbit/s

95th percentile per-packet one-way delay: 4.010 ms

Loss rate: 0.01%

Run 10: Report of Verus — Data Link

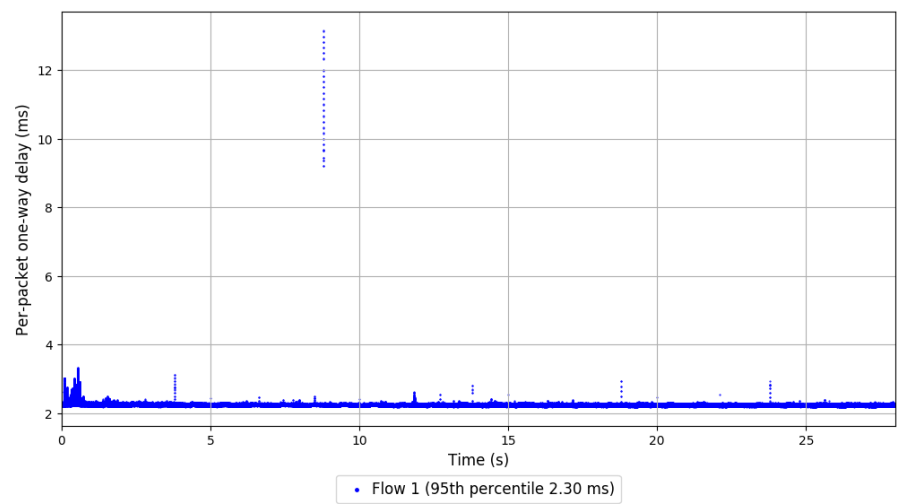
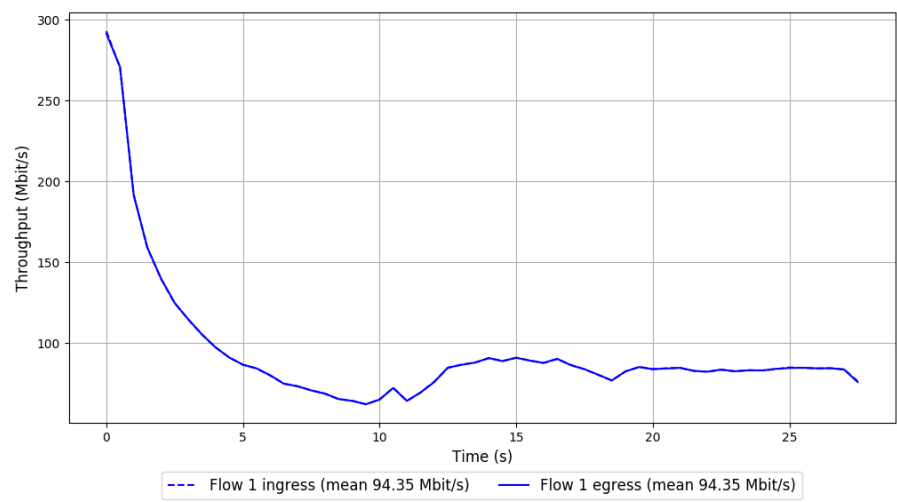


Run 1: Statistics of Copa

Start at: 2017-10-10 17:34:09
End at: 2017-10-10 17:34:39
Local clock offset: 1.44 ms
Remote clock offset: -0.783 ms

Below is generated by plot.py at 2017-10-11 01:11:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.35 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.35 Mbit/s
95th percentile per-packet one-way delay: 2.300 ms
Loss rate: 0.02%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

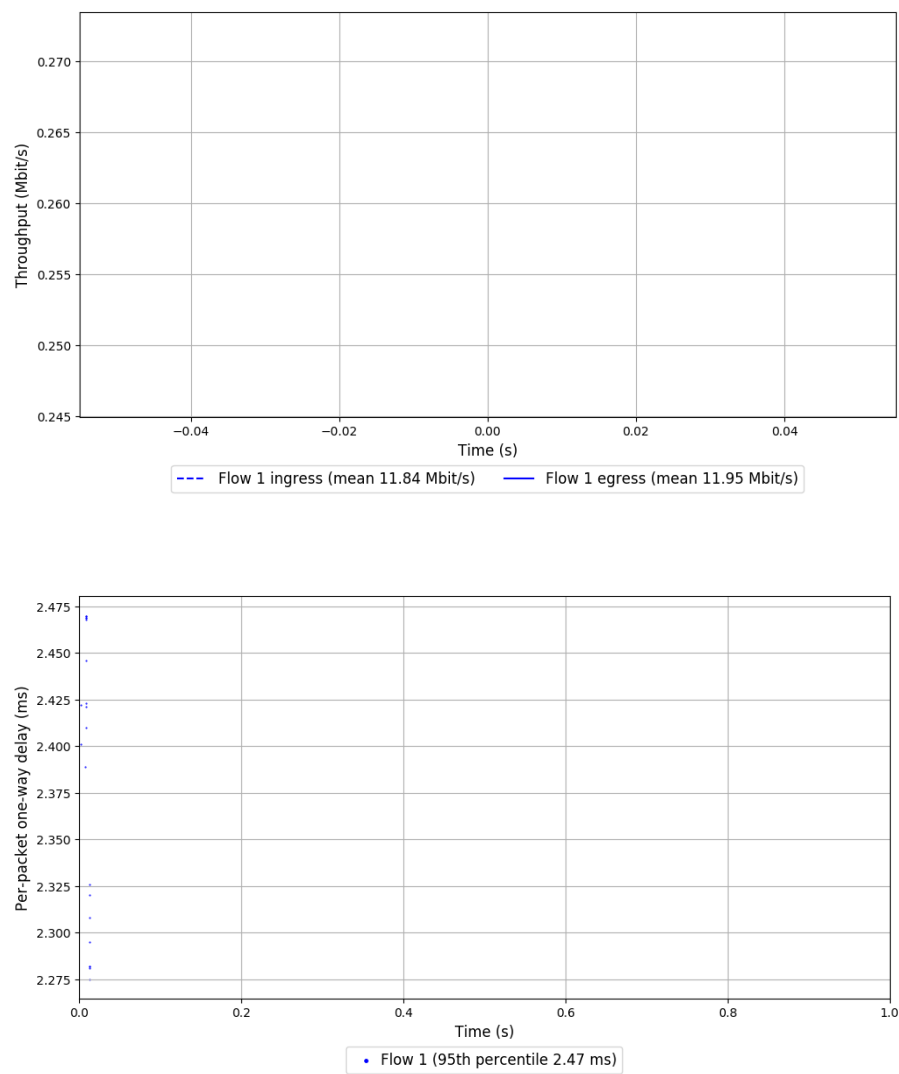
Start at: 2017-10-10 17:52:43

End at: 2017-10-10 17:53:13

Local clock offset: 1.523 ms

Remote clock offset: -0.46 ms

Run 2: Report of Copa — Data Link

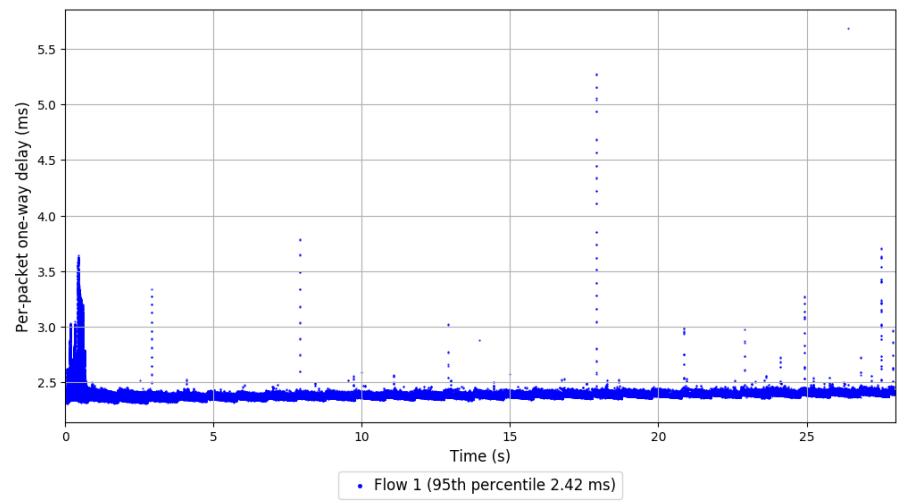
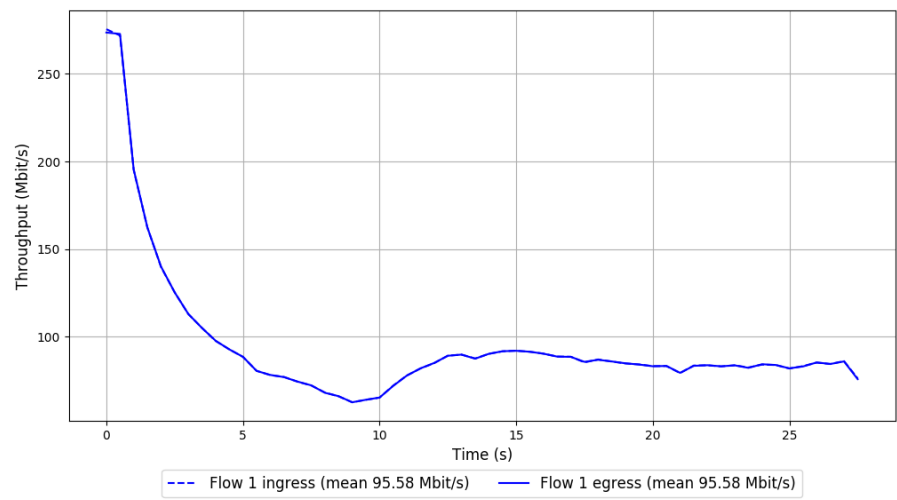


Run 3: Statistics of Copa

Start at: 2017-10-10 18:11:13
End at: 2017-10-10 18:11:43
Local clock offset: 1.626 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2017-10-11 01:11:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 2.417 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.58 Mbit/s
95th percentile per-packet one-way delay: 2.417 ms
Loss rate: 0.02%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-10-10 18:29:45

End at: 2017-10-10 18:30:15

Local clock offset: 1.286 ms

Remote clock offset: 0.446 ms

Below is generated by plot.py at 2017-10-11 01:11:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 2.307 ms

Loss rate: 0.04%

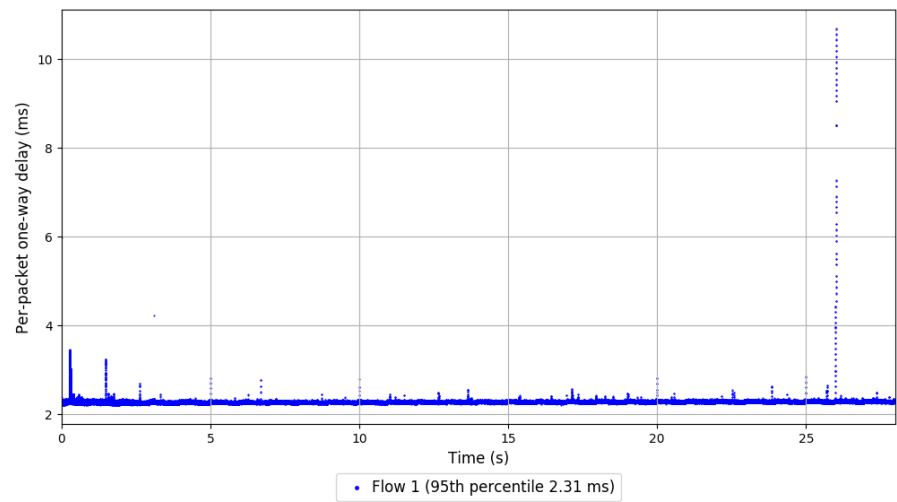
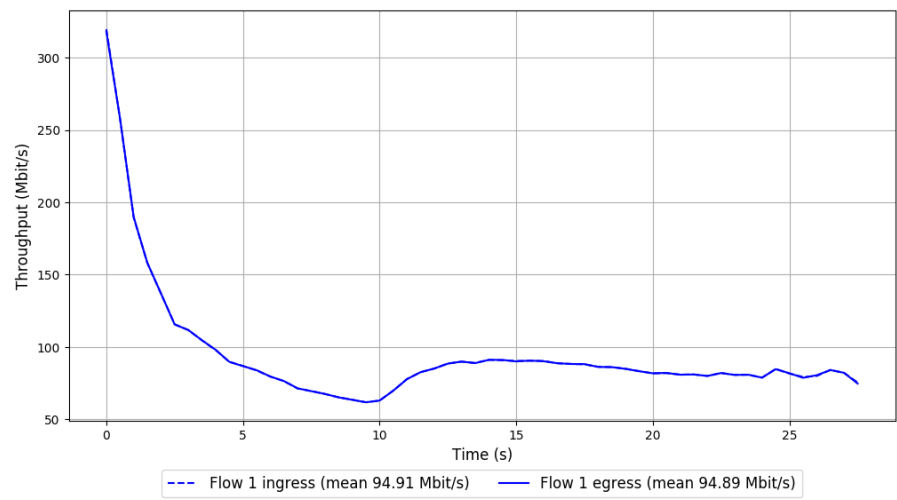
-- Flow 1:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 2.307 ms

Loss rate: 0.04%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-10-10 18:48:18

End at: 2017-10-10 18:48:48

Local clock offset: 0.741 ms

Remote clock offset: 0.587 ms

Below is generated by plot.py at 2017-10-11 01:11:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

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

Loss rate: 0.02%

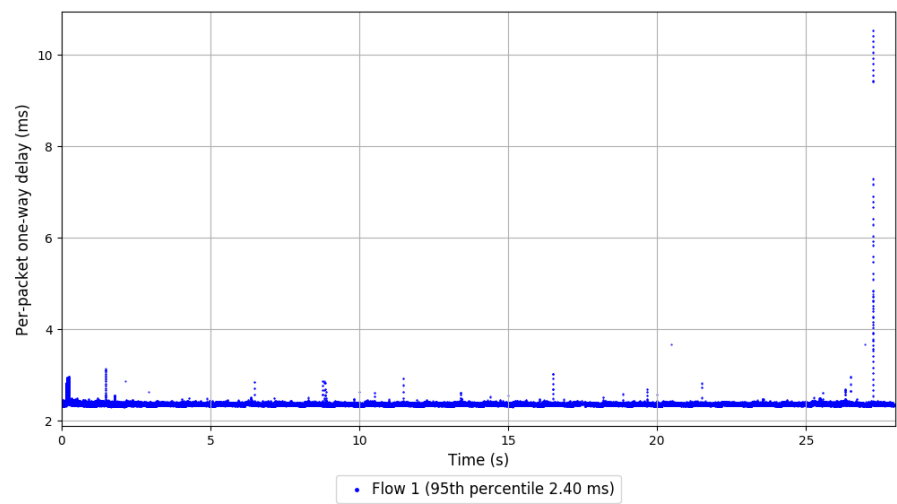
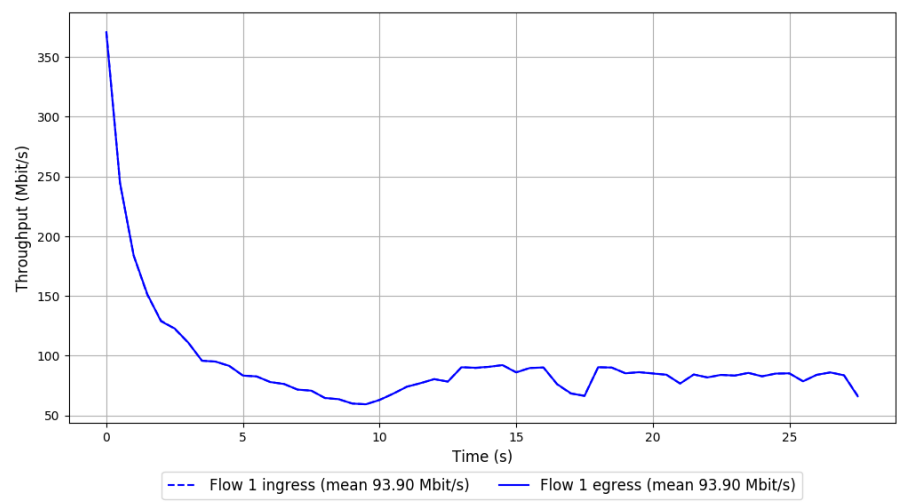
-- Flow 1:

Average throughput: 93.90 Mbit/s

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

Loss rate: 0.02%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2017-10-10 19:06:59

End at: 2017-10-10 19:07:29

Local clock offset: 0.729 ms

Remote clock offset: 0.908 ms

Below is generated by plot.py at 2017-10-11 01:11:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.92 Mbit/s

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

Loss rate: 0.01%

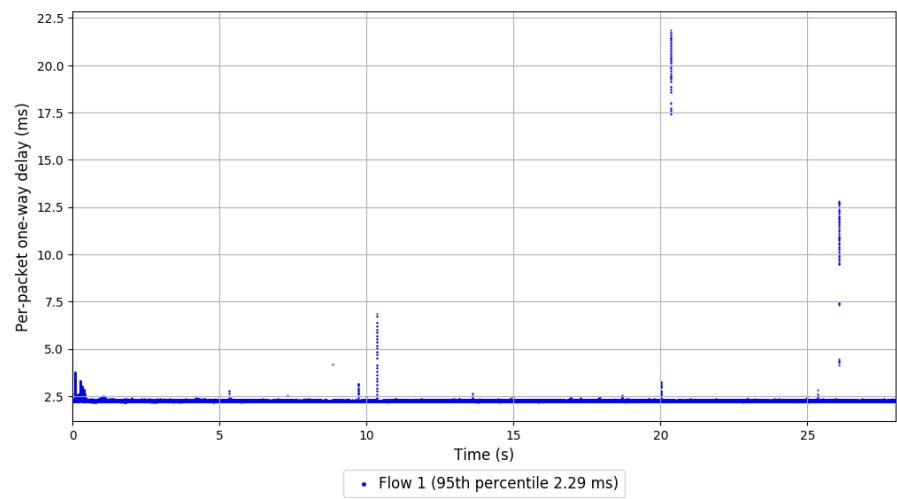
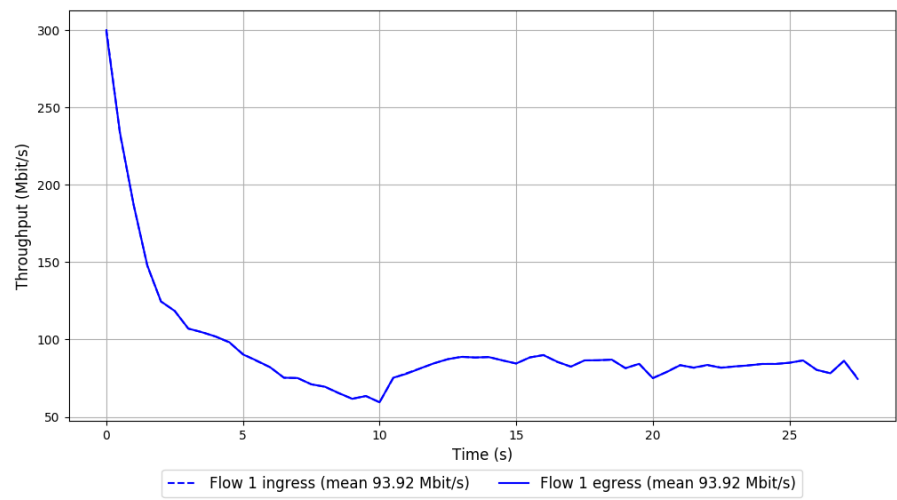
-- Flow 1:

Average throughput: 93.92 Mbit/s

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

Loss rate: 0.01%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-10-10 19:25:33

End at: 2017-10-10 19:26:03

Local clock offset: 1.094 ms

Remote clock offset: 1.163 ms

Below is generated by plot.py at 2017-10-11 01:11:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.61 Mbit/s

95th percentile per-packet one-way delay: 2.253 ms

Loss rate: 0.01%

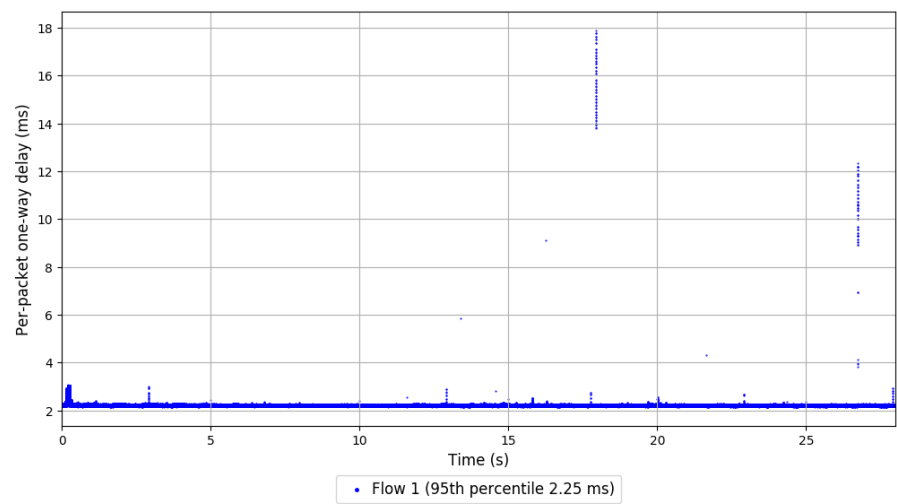
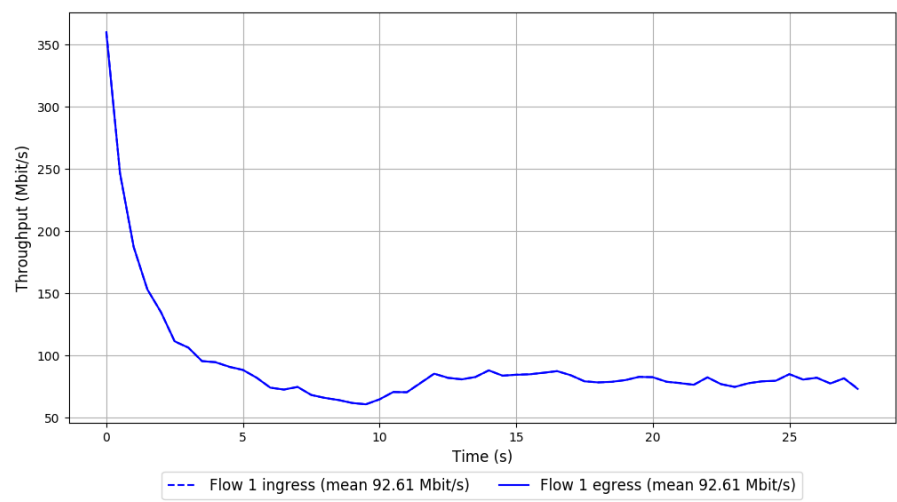
-- Flow 1:

Average throughput: 92.61 Mbit/s

95th percentile per-packet one-way delay: 2.253 ms

Loss rate: 0.01%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2017-10-10 19:43:47

End at: 2017-10-10 19:44:17

Local clock offset: 1.27 ms

Remote clock offset: 1.125 ms

Below is generated by plot.py at 2017-10-11 01:11:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 2.319 ms

Loss rate: 0.01%

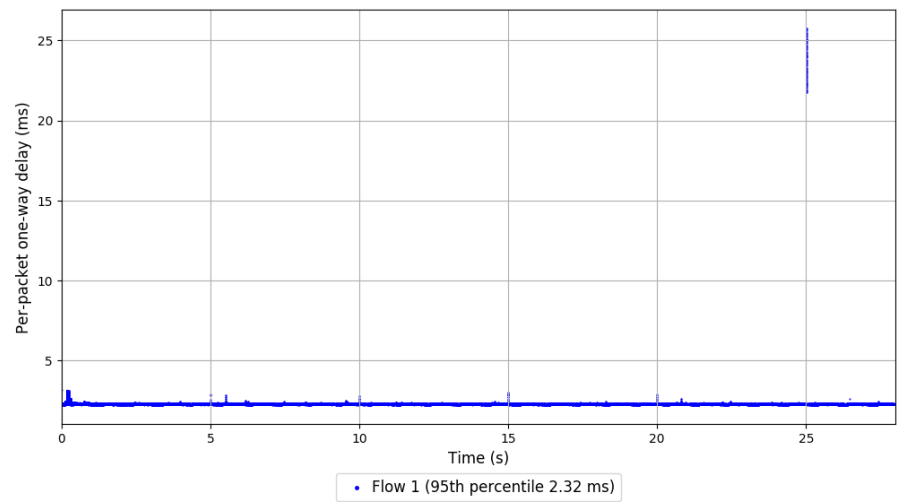
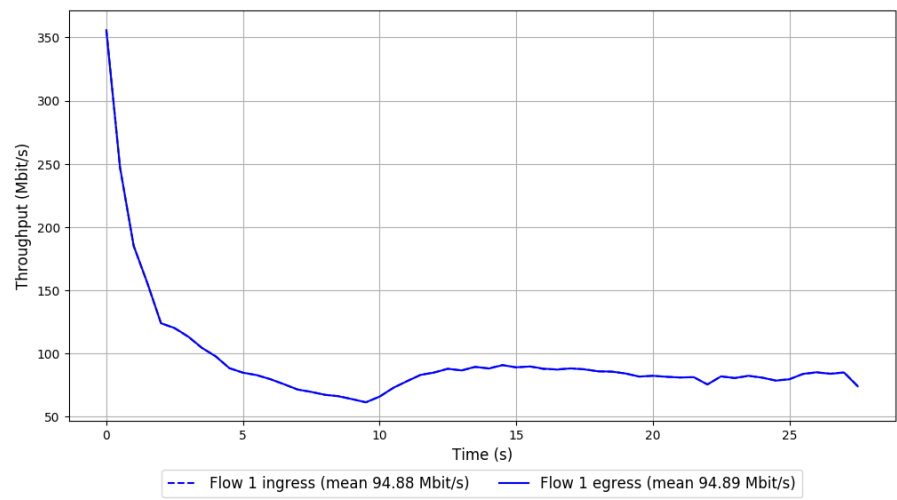
-- Flow 1:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 2.319 ms

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2017-10-10 20:02:21

End at: 2017-10-10 20:02:51

Local clock offset: 0.992 ms

Remote clock offset: 1.01 ms

Below is generated by plot.py at 2017-10-11 01:11:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.30 Mbit/s

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

Loss rate: 0.01%

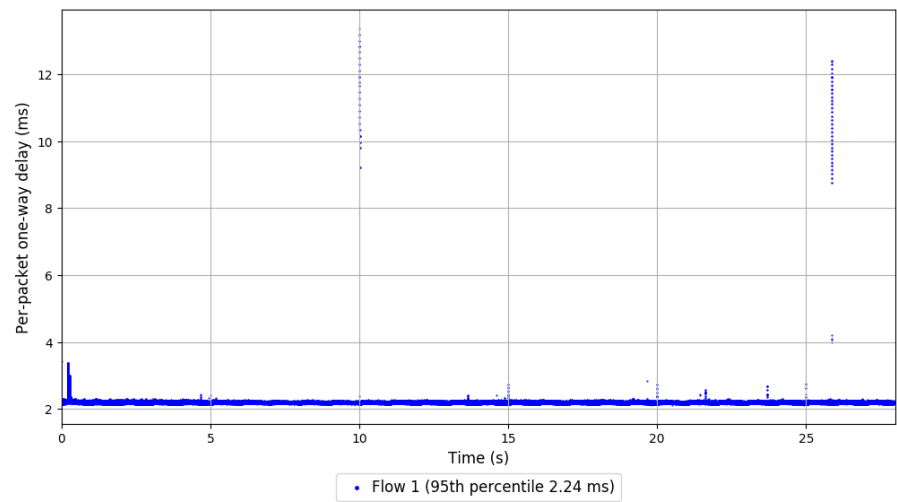
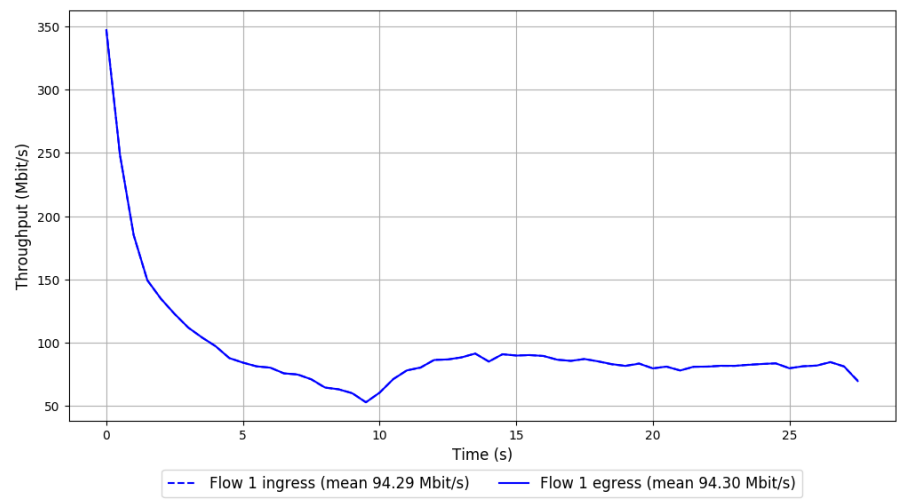
-- Flow 1:

Average throughput: 94.30 Mbit/s

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

Loss rate: 0.01%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

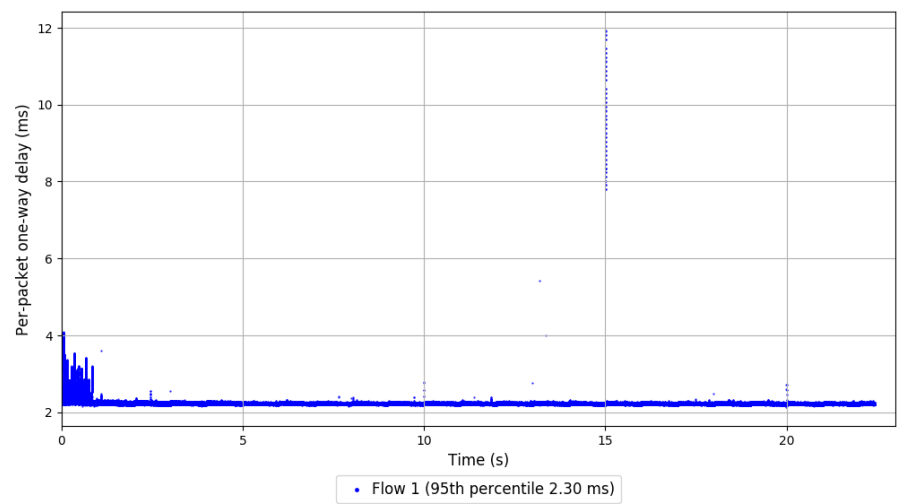
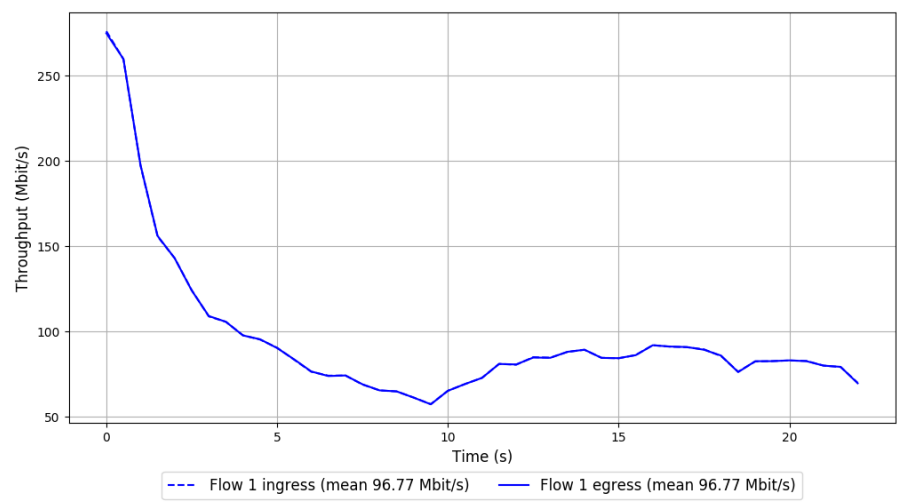
Start at: 2017-10-10 20:20:53

End at: 2017-10-10 20:21:23

Local clock offset: 1.084 ms

Remote clock offset: 0.838 ms

Run 10: Report of Copa — Data Link

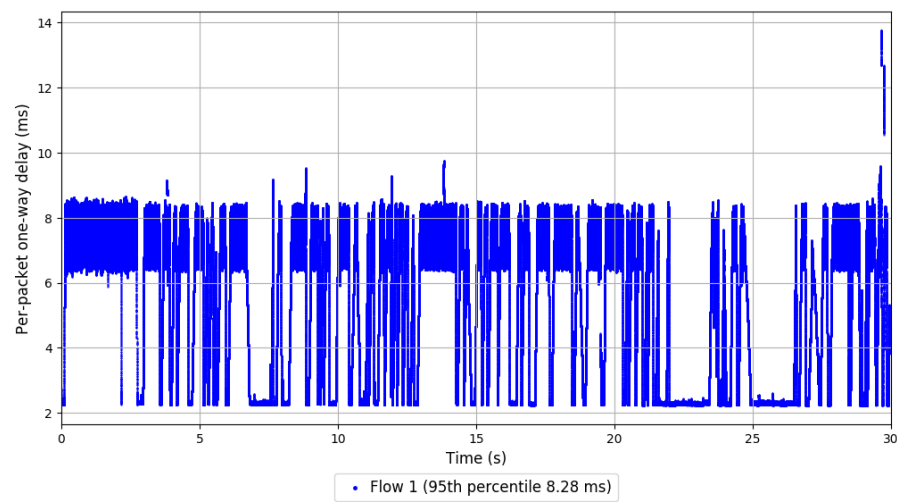
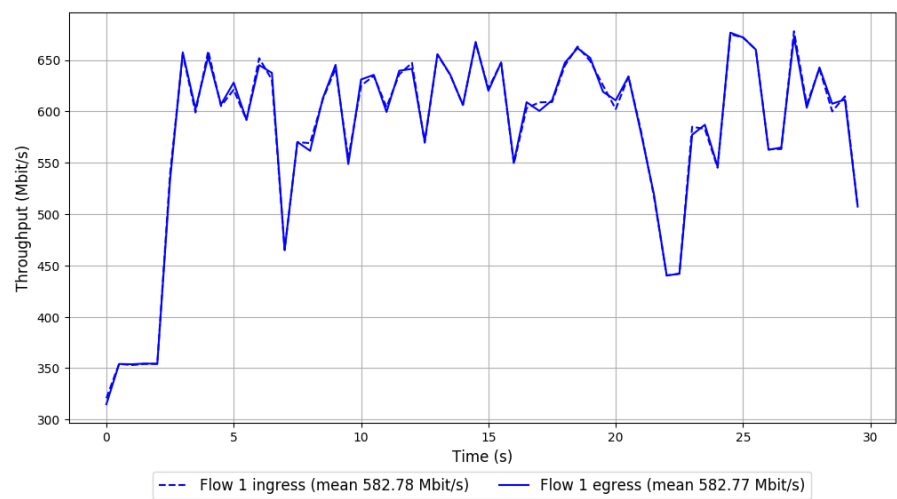


Run 1: Statistics of CalibratedKoho

Start at: 2017-10-10 17:44:50
End at: 2017-10-10 17:45:20
Local clock offset: 1.241 ms
Remote clock offset: -0.718 ms

Below is generated by plot.py at 2017-10-11 01:19:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 582.77 Mbit/s
95th percentile per-packet one-way delay: 8.283 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 582.77 Mbit/s
95th percentile per-packet one-way delay: 8.283 ms
Loss rate: 0.02%

Run 1: Report of CalibratedKoho — Data Link

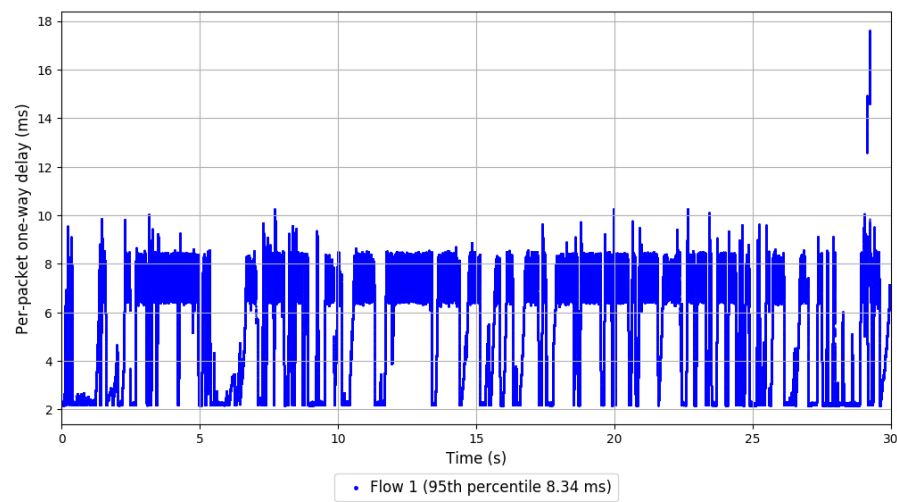
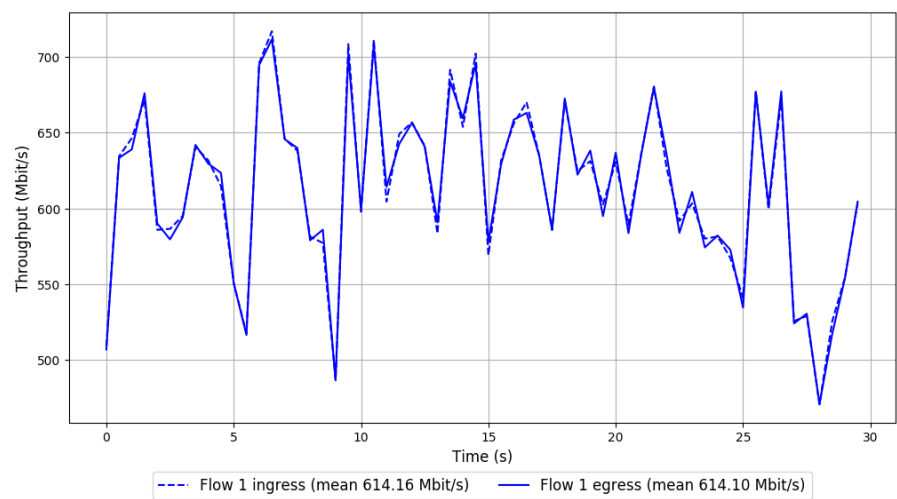


Run 2: Statistics of CalibratedKoho

Start at: 2017-10-10 18:03:15
End at: 2017-10-10 18:03:45
Local clock offset: 1.827 ms
Remote clock offset: -0.163 ms

Below is generated by plot.py at 2017-10-11 01:19:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 614.10 Mbit/s
95th percentile per-packet one-way delay: 8.337 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 614.10 Mbit/s
95th percentile per-packet one-way delay: 8.337 ms
Loss rate: 0.03%

Run 2: Report of CalibratedKoho — Data Link



Run 3: Statistics of CalibratedKoho

Start at: 2017-10-10 18:21:58

End at: 2017-10-10 18:22:28

Local clock offset: 1.338 ms

Remote clock offset: 0.222 ms

Below is generated by plot.py at 2017-10-11 01:19:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 618.18 Mbit/s

95th percentile per-packet one-way delay: 8.455 ms

Loss rate: 0.01%

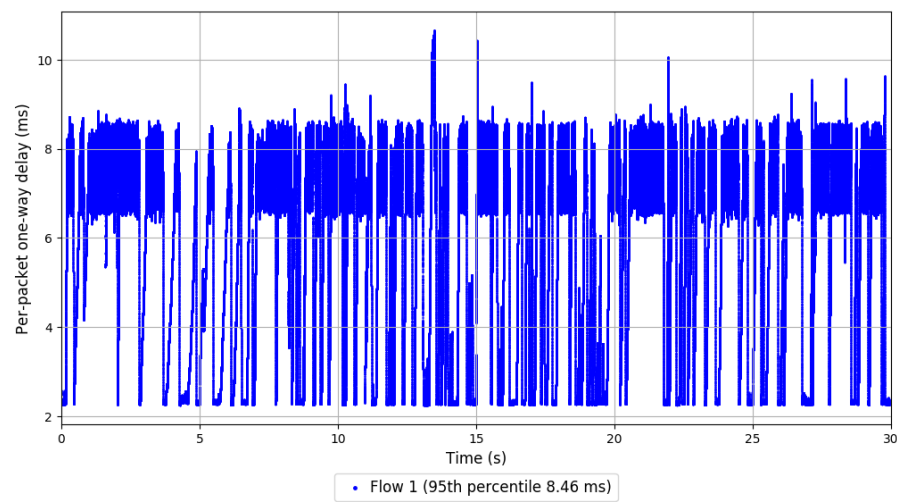
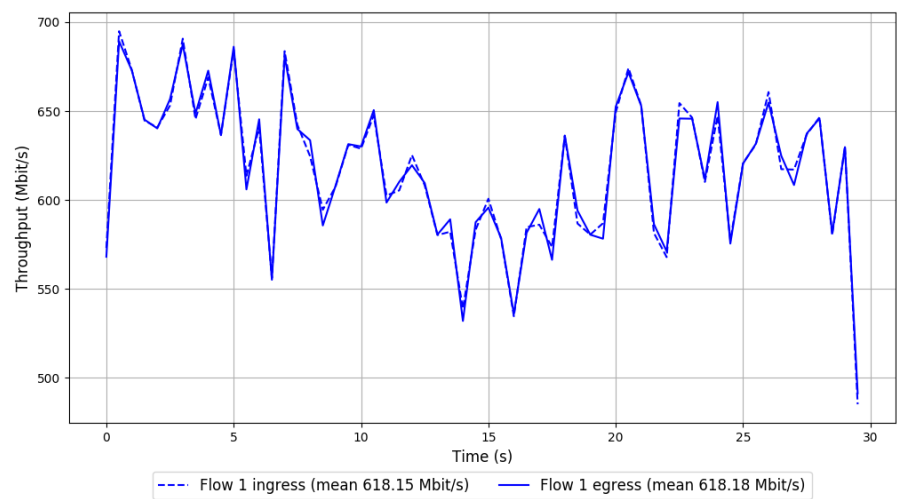
-- Flow 1:

Average throughput: 618.18 Mbit/s

95th percentile per-packet one-way delay: 8.455 ms

Loss rate: 0.01%

Run 3: Report of CalibratedKoho — Data Link



Run 4: Statistics of CalibratedKoho

Start at: 2017-10-10 18:40:24

End at: 2017-10-10 18:40:54

Local clock offset: 0.821 ms

Remote clock offset: 0.553 ms

Below is generated by plot.py at 2017-10-11 01:19:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 546.63 Mbit/s

95th percentile per-packet one-way delay: 8.770 ms

Loss rate: 0.01%

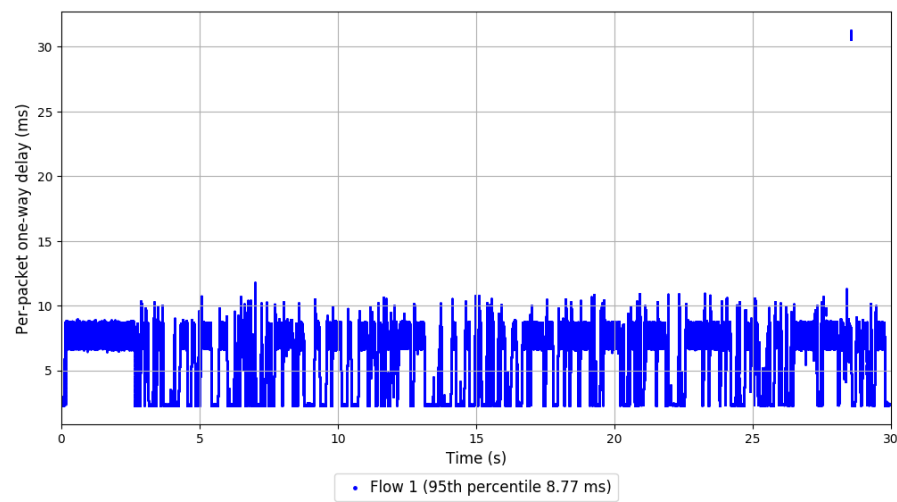
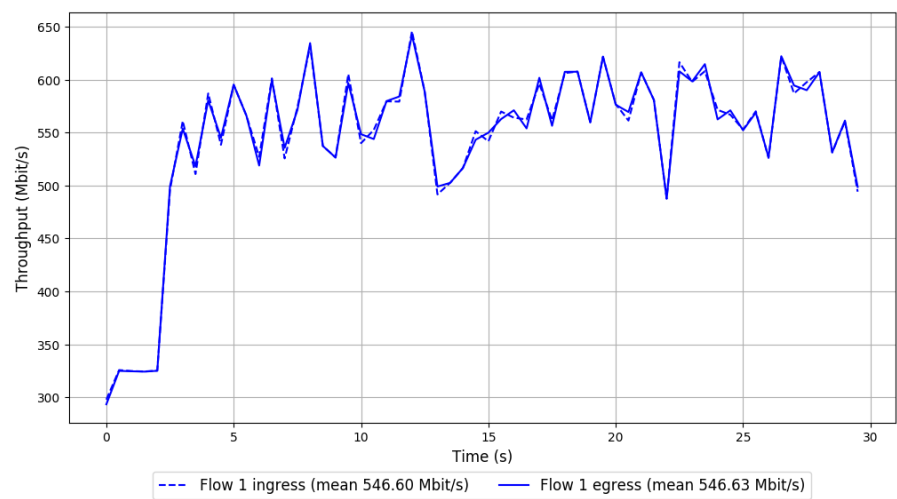
-- Flow 1:

Average throughput: 546.63 Mbit/s

95th percentile per-packet one-way delay: 8.770 ms

Loss rate: 0.01%

Run 4: Report of CalibratedKoho — Data Link



Run 5: Statistics of CalibratedKoho

Start at: 2017-10-10 18:59:01

End at: 2017-10-10 18:59:32

Local clock offset: 0.785 ms

Remote clock offset: 0.843 ms

Below is generated by plot.py at 2017-10-11 01:19:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 563.87 Mbit/s

95th percentile per-packet one-way delay: 8.240 ms

Loss rate: 0.04%

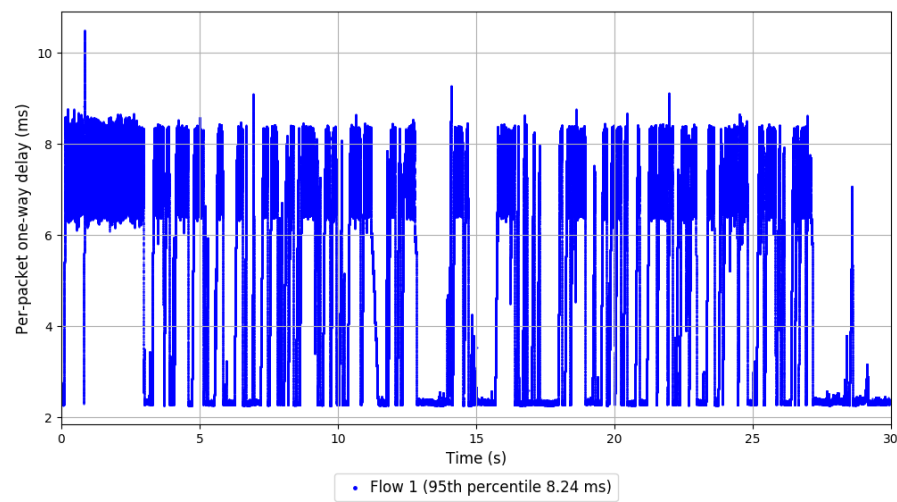
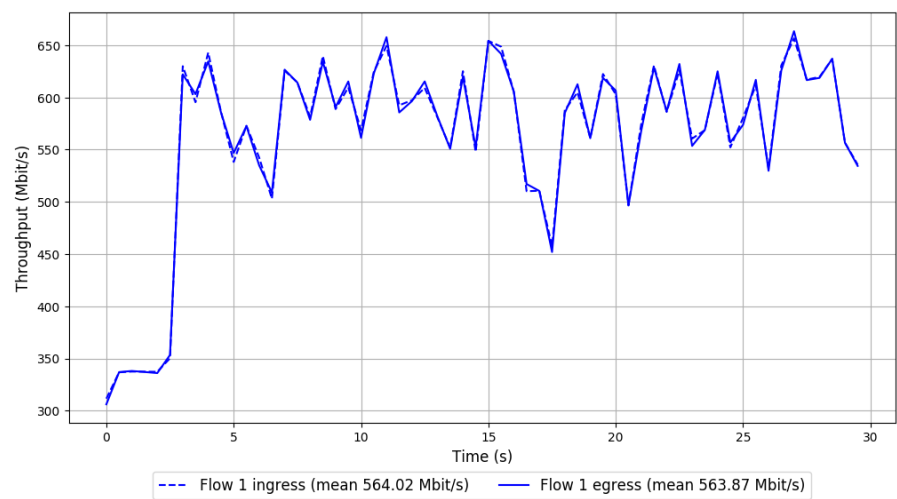
-- Flow 1:

Average throughput: 563.87 Mbit/s

95th percentile per-packet one-way delay: 8.240 ms

Loss rate: 0.04%

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

Start at: 2017-10-10 19:17:38

End at: 2017-10-10 19:18:08

Local clock offset: 0.795 ms

Remote clock offset: 1.006 ms

Below is generated by plot.py at 2017-10-11 01:20:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 586.45 Mbit/s

95th percentile per-packet one-way delay: 8.157 ms

Loss rate: 0.06%

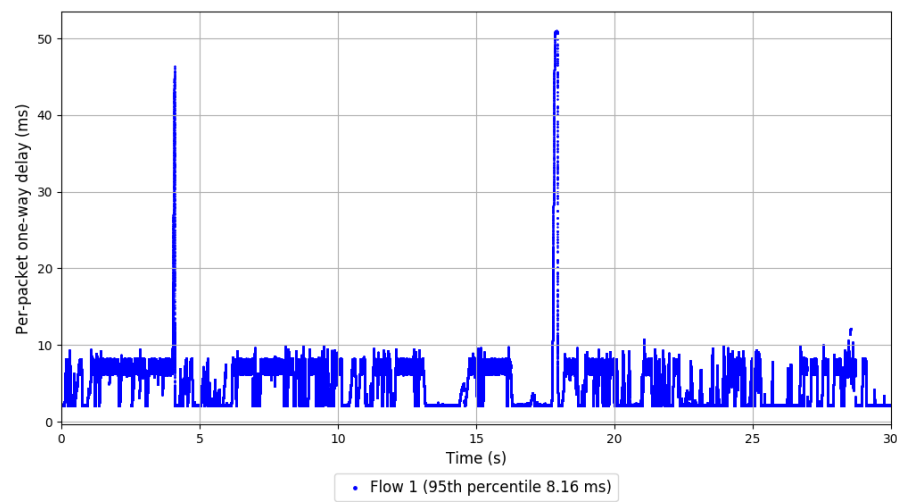
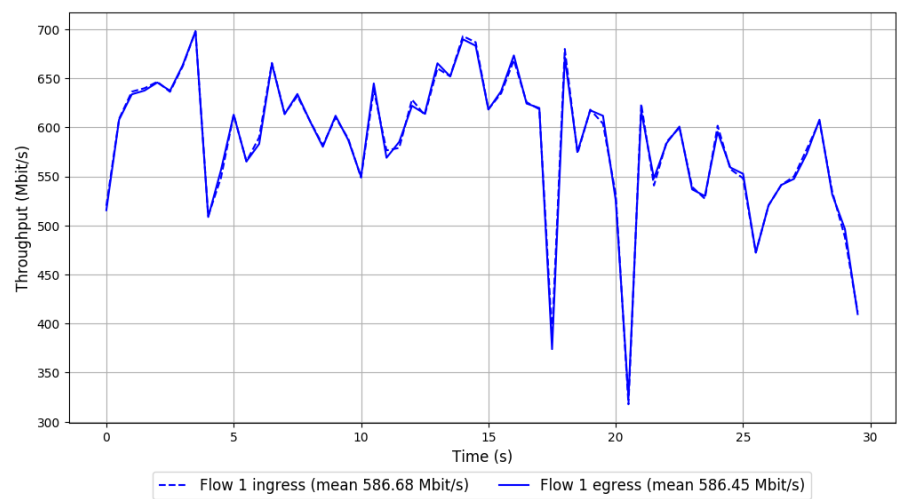
-- Flow 1:

Average throughput: 586.45 Mbit/s

95th percentile per-packet one-way delay: 8.157 ms

Loss rate: 0.06%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: 2017-10-10 19:36:12

End at: 2017-10-10 19:36:42

Local clock offset: 1.231 ms

Remote clock offset: 1.179 ms

Below is generated by plot.py at 2017-10-11 01:20:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 586.54 Mbit/s

95th percentile per-packet one-way delay: 8.485 ms

Loss rate: 0.01%

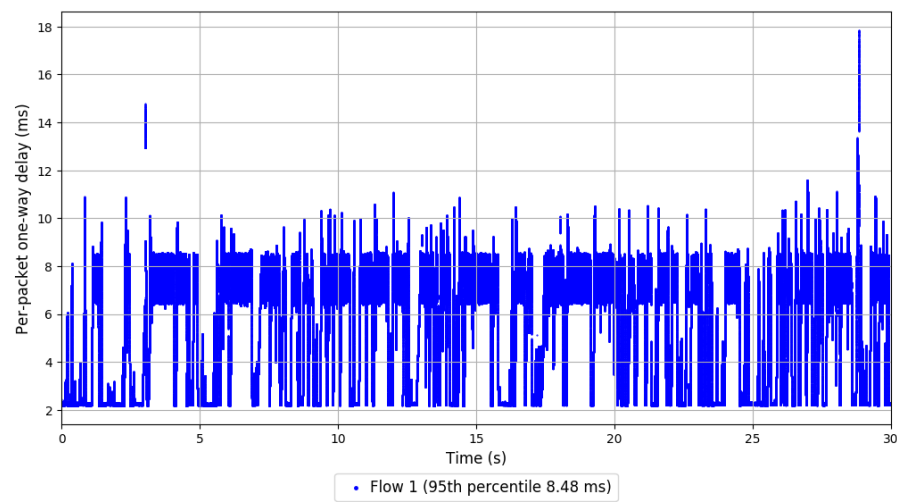
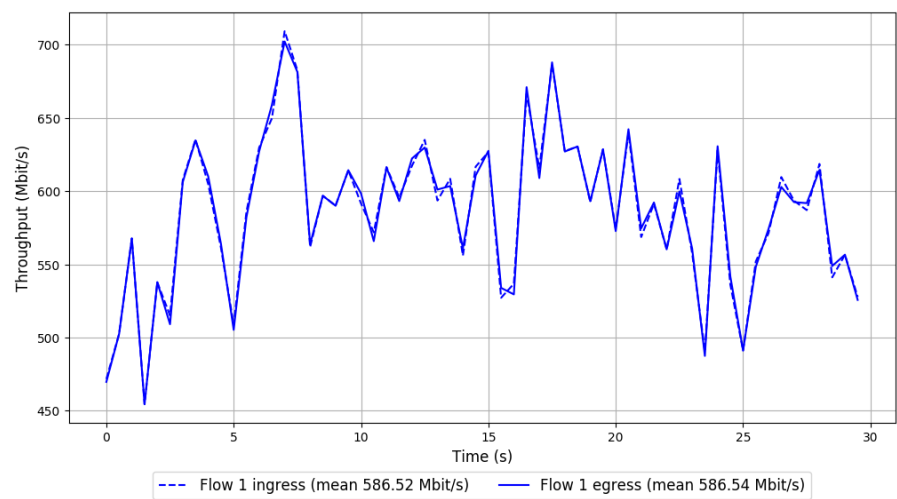
-- Flow 1:

Average throughput: 586.54 Mbit/s

95th percentile per-packet one-way delay: 8.485 ms

Loss rate: 0.01%

Run 7: Report of CalibratedKoho — Data Link



Run 8: Statistics of CalibratedKoho

Start at: 2017-10-10 19:54:24

End at: 2017-10-10 19:54:54

Local clock offset: 1.357 ms

Remote clock offset: 1.316 ms

Below is generated by plot.py at 2017-10-11 01:20:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 582.47 Mbit/s

95th percentile per-packet one-way delay: 8.321 ms

Loss rate: 0.02%

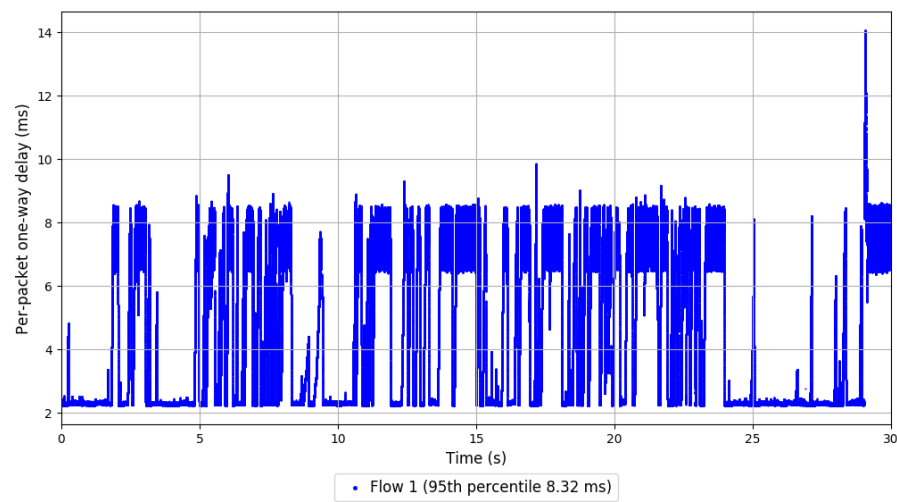
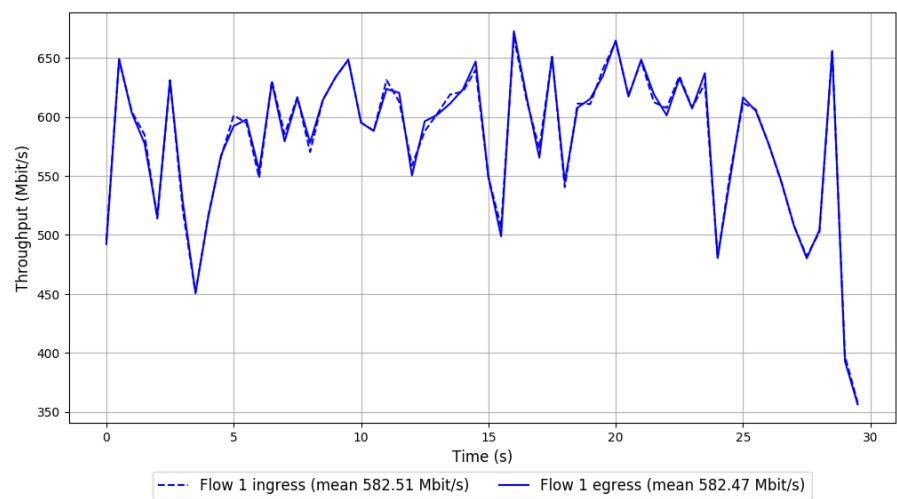
-- Flow 1:

Average throughput: 582.47 Mbit/s

95th percentile per-packet one-way delay: 8.321 ms

Loss rate: 0.02%

Run 8: Report of CalibratedKoho — Data Link



Run 9: Statistics of CalibratedKoho

Start at: 2017-10-10 20:13:03

End at: 2017-10-10 20:13:33

Local clock offset: 1.069 ms

Remote clock offset: 0.94 ms

Below is generated by plot.py at 2017-10-11 01:24:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 597.12 Mbit/s

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

Loss rate: 0.02%

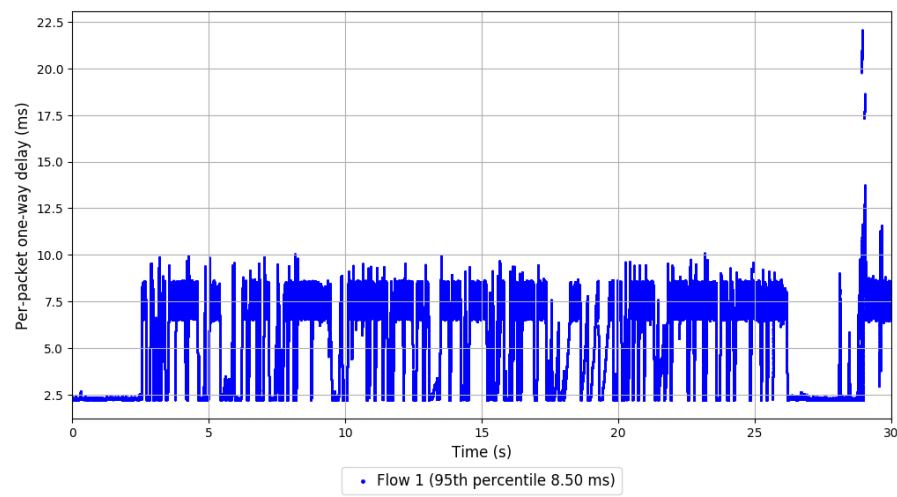
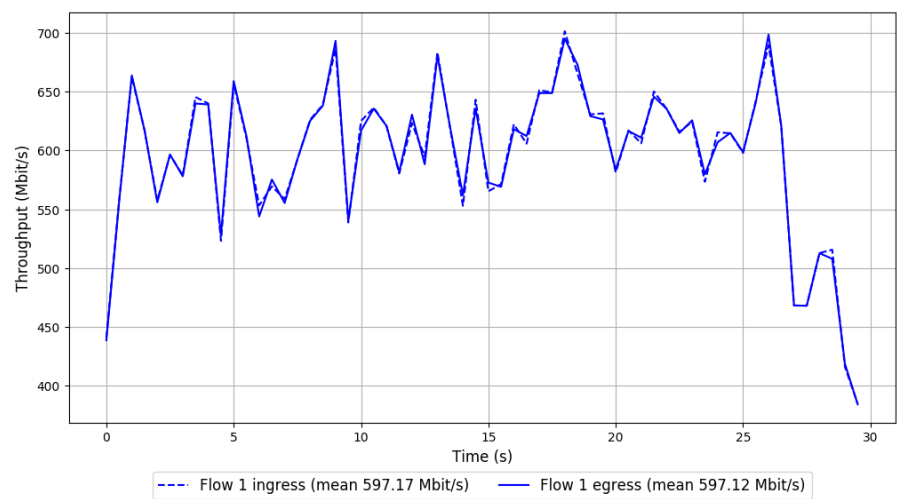
-- Flow 1:

Average throughput: 597.12 Mbit/s

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

Loss rate: 0.02%

Run 9: Report of CalibratedKoho — Data Link



Run 10: Statistics of CalibratedKoho

Start at: 2017-10-10 20:31:05

End at: 2017-10-10 20:31:35

Local clock offset: 1.054 ms

Remote clock offset: 0.696 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 601.61 Mbit/s

95th percentile per-packet one-way delay: 7.437 ms

Loss rate: 0.04%

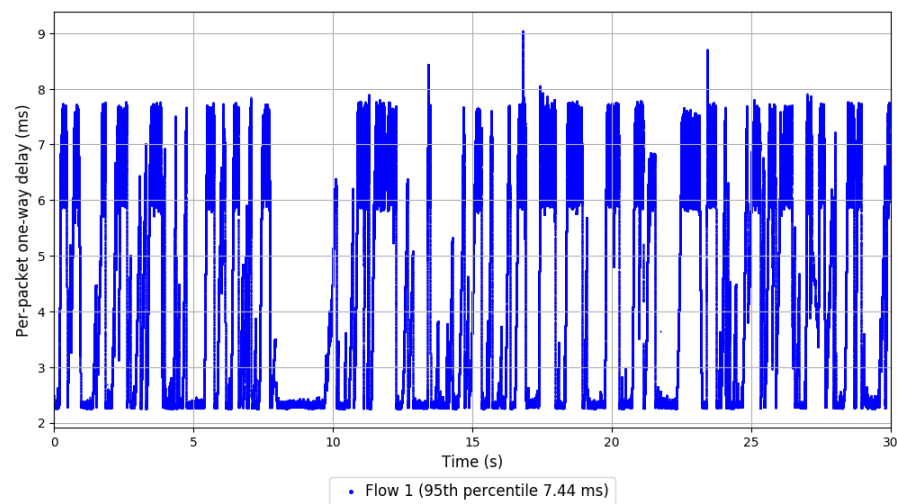
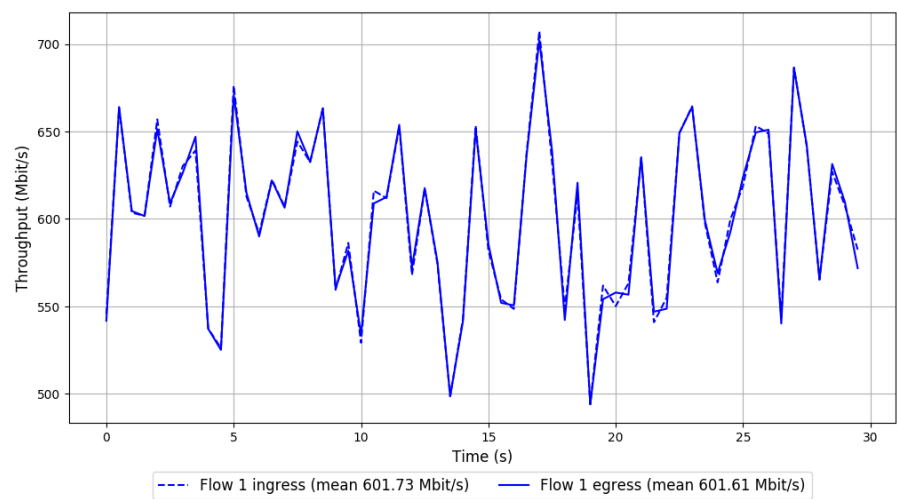
-- Flow 1:

Average throughput: 601.61 Mbit/s

95th percentile per-packet one-way delay: 7.437 ms

Loss rate: 0.04%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Indigo

Start at: 2017-10-10 17:40:52

End at: 2017-10-10 17:41:22

Local clock offset: 1.033 ms

Remote clock offset: -0.733 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.88 Mbit/s

95th percentile per-packet one-way delay: 2.319 ms

Loss rate: 0.02%

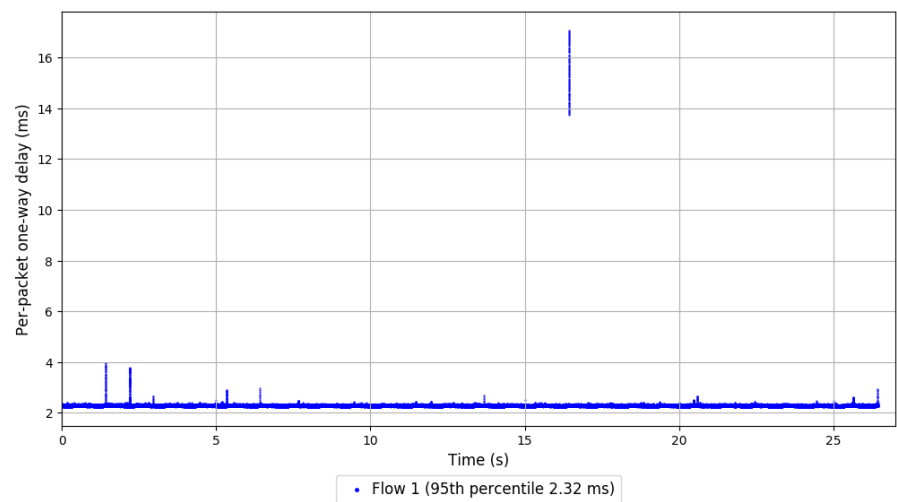
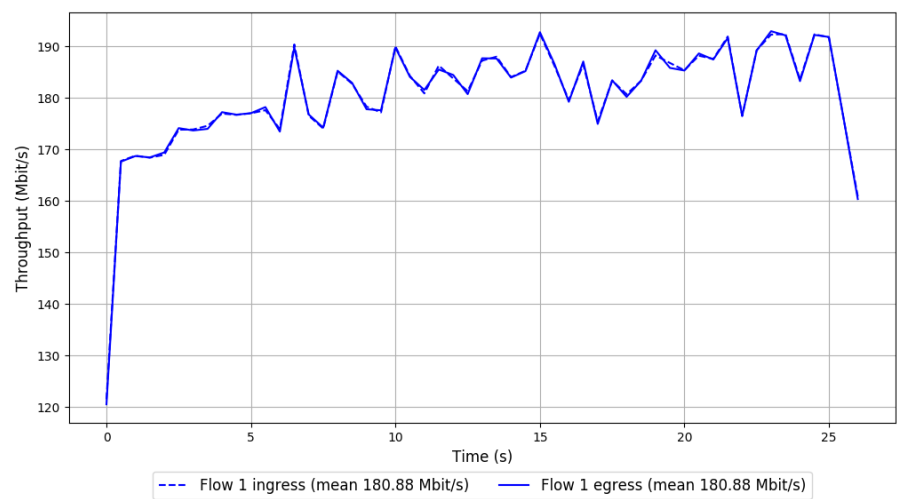
-- Flow 1:

Average throughput: 180.88 Mbit/s

95th percentile per-packet one-way delay: 2.319 ms

Loss rate: 0.02%

Run 1: Report of Indigo — Data Link

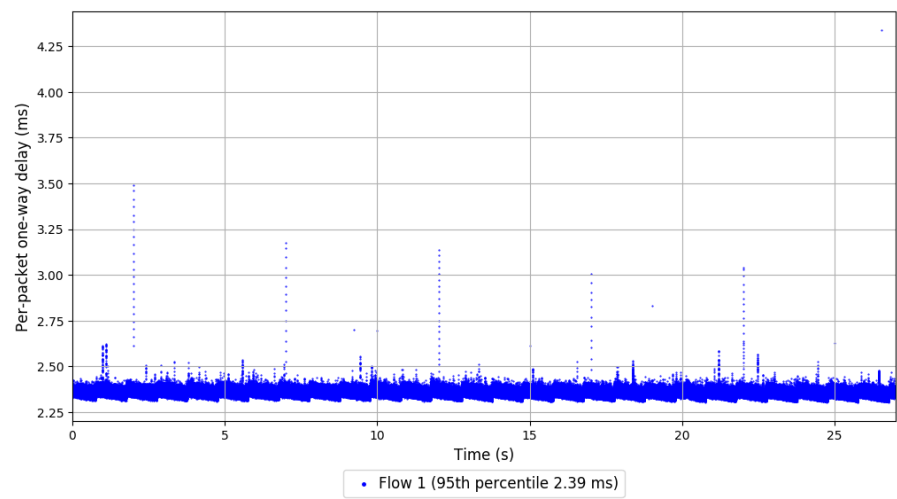
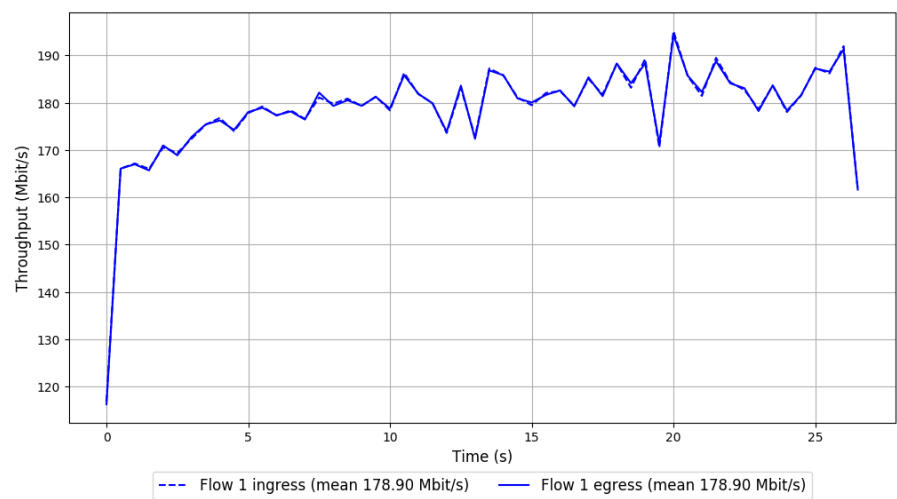


Run 2: Statistics of Indigo

Start at: 2017-10-10 17:59:20
End at: 2017-10-10 17:59:50
Local clock offset: 1.659 ms
Remote clock offset: -0.311 ms

Below is generated by plot.py at 2017-10-11 01:24:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 178.90 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 178.90 Mbit/s
95th percentile per-packet one-way delay: 2.391 ms
Loss rate: 0.01%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-10-10 18:18:00

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

Local clock offset: 1.273 ms

Remote clock offset: 0.13 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.81 Mbit/s

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

Loss rate: 0.02%

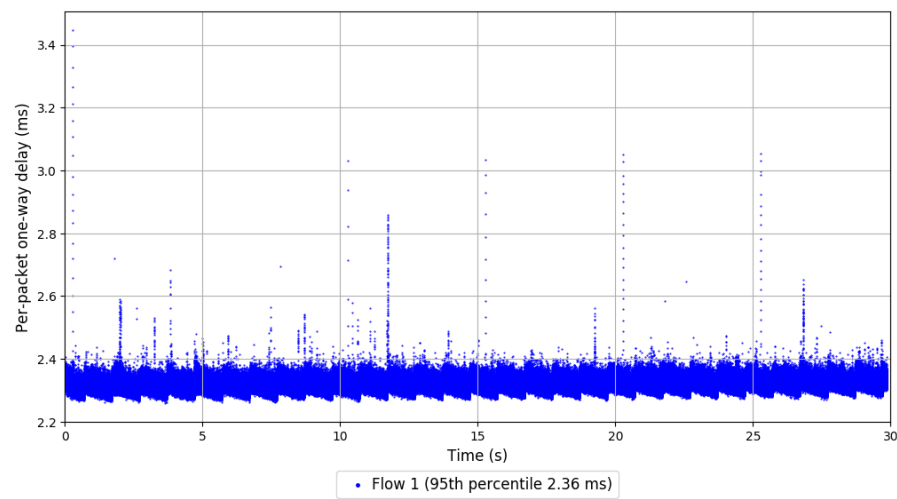
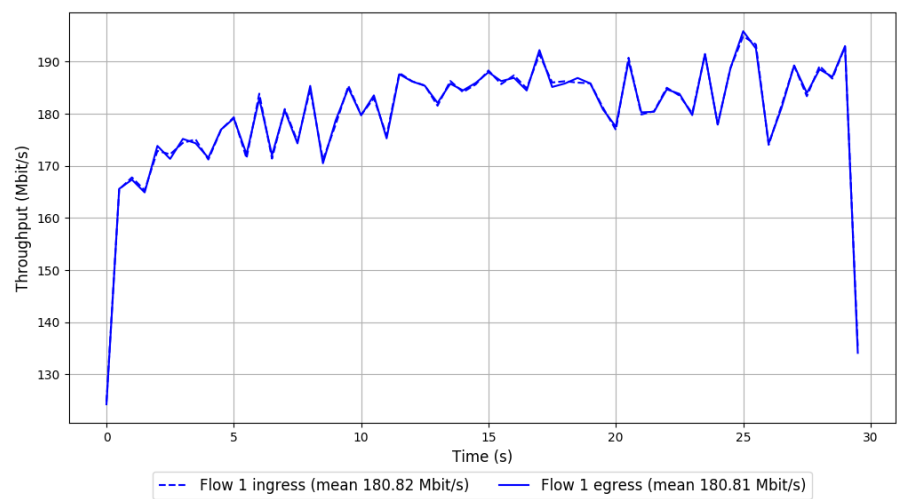
-- Flow 1:

Average throughput: 180.81 Mbit/s

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

Loss rate: 0.02%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-10-10 18:36:29

End at: 2017-10-10 18:36:59

Local clock offset: 0.87 ms

Remote clock offset: 0.416 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.69 Mbit/s

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

Loss rate: 0.01%

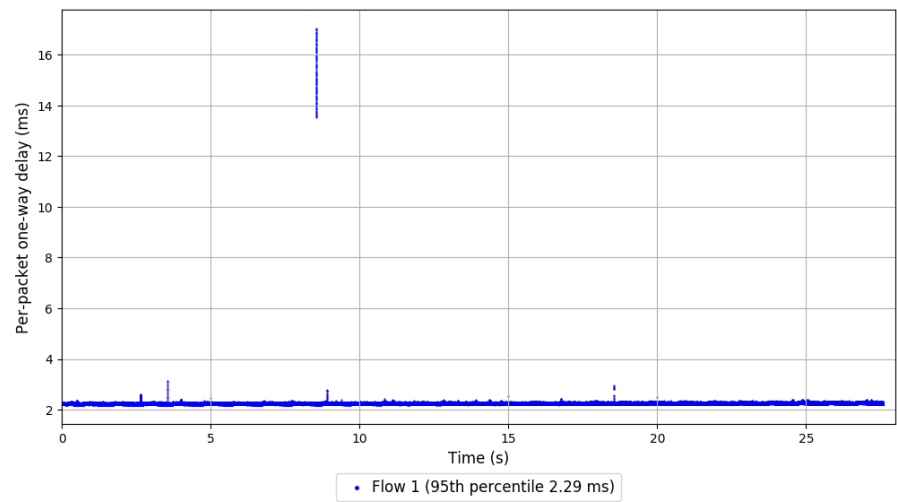
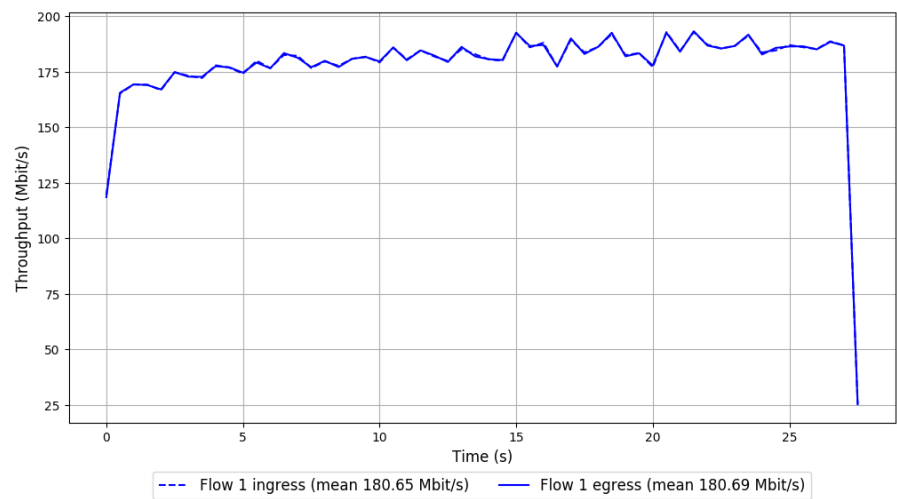
-- Flow 1:

Average throughput: 180.69 Mbit/s

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

Loss rate: 0.01%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-10-10 18:55:04

End at: 2017-10-10 18:55:34

Local clock offset: 0.73 ms

Remote clock offset: 0.76 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.93 Mbit/s

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

Loss rate: 0.05%

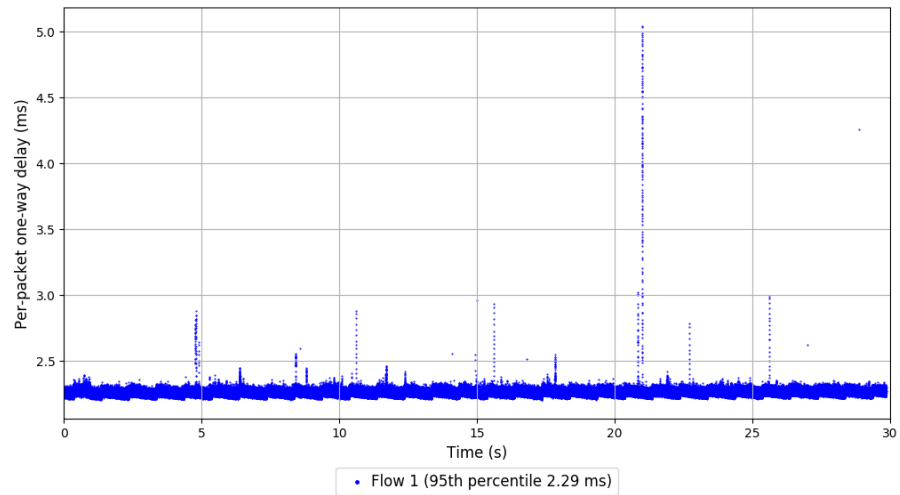
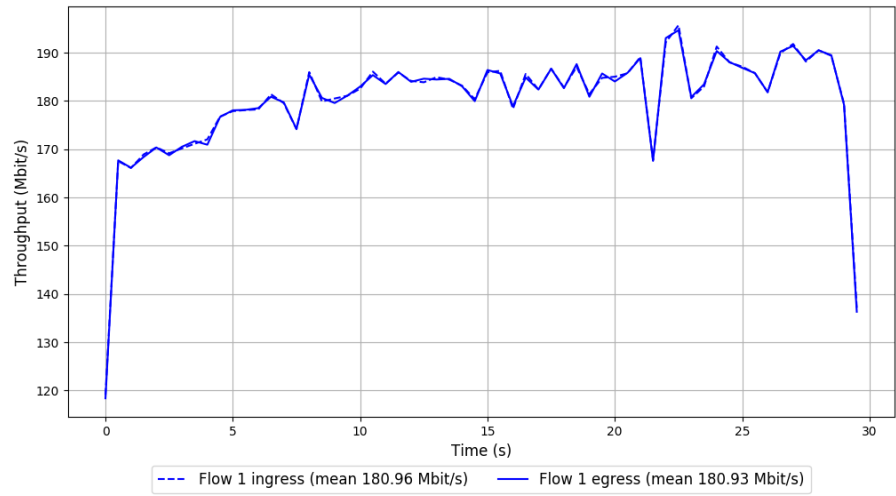
-- Flow 1:

Average throughput: 180.93 Mbit/s

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

Loss rate: 0.05%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-10-10 19:13:41

End at: 2017-10-10 19:14:11

Local clock offset: 0.829 ms

Remote clock offset: 0.956 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.81 Mbit/s

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

Loss rate: 0.02%

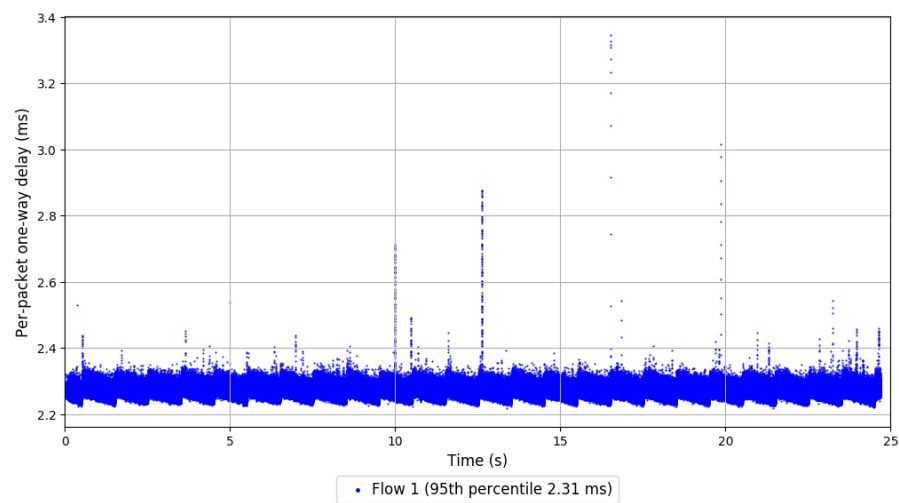
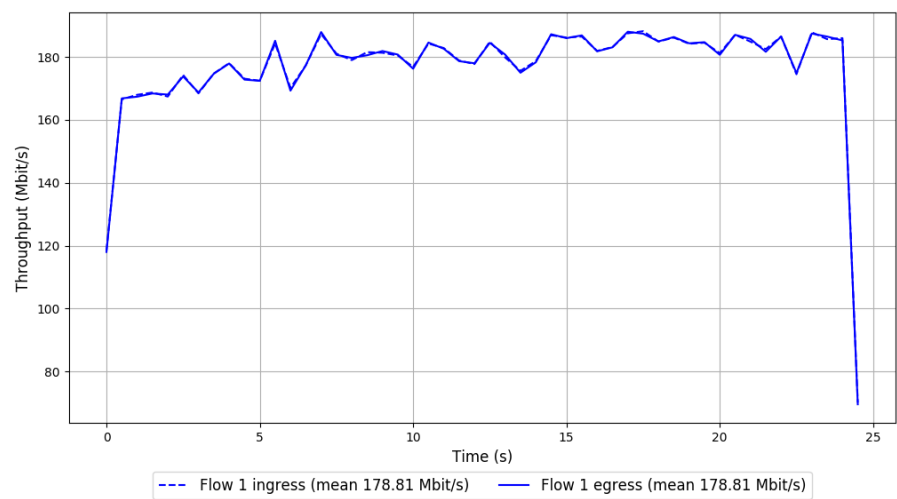
-- Flow 1:

Average throughput: 178.81 Mbit/s

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

Loss rate: 0.02%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-10-10 19:32:15

End at: 2017-10-10 19:32:45

Local clock offset: 1.256 ms

Remote clock offset: 1.184 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.71 Mbit/s

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

Loss rate: 0.02%

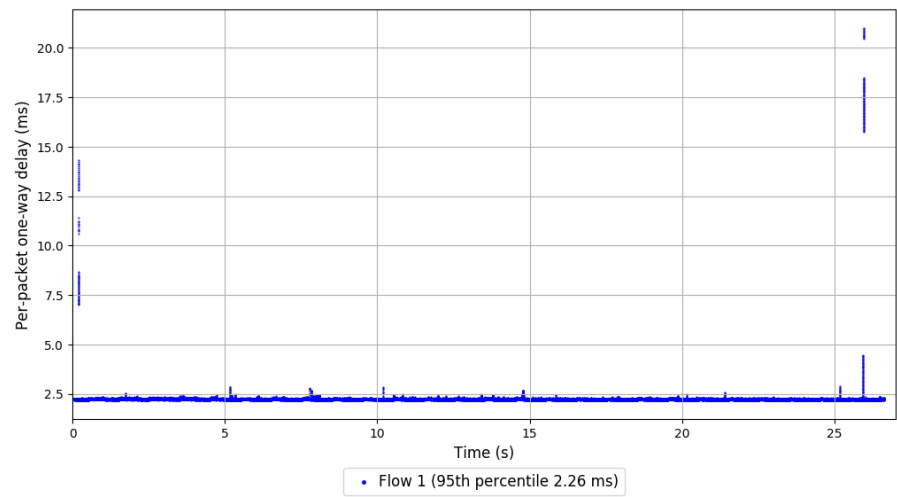
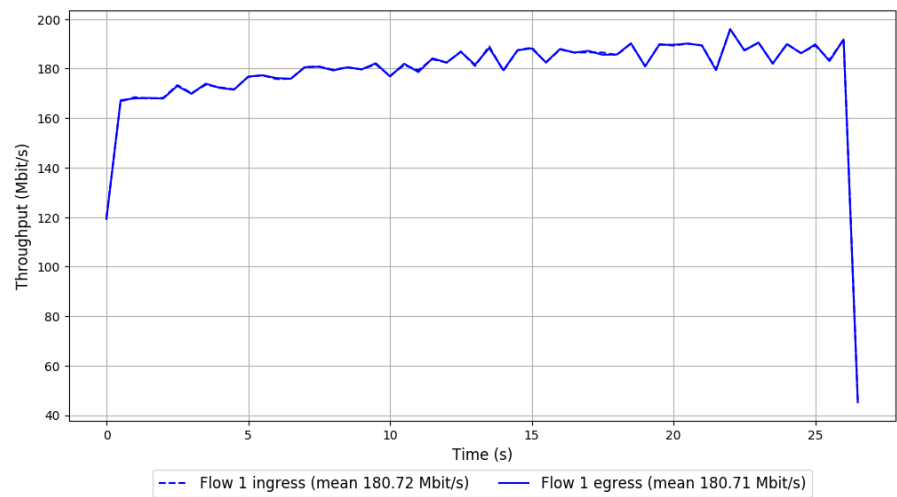
-- Flow 1:

Average throughput: 180.71 Mbit/s

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

Loss rate: 0.02%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2017-10-10 19:50:29

End at: 2017-10-10 19:50:59

Local clock offset: 1.162 ms

Remote clock offset: 1.029 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.31 Mbit/s

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

Loss rate: 0.02%

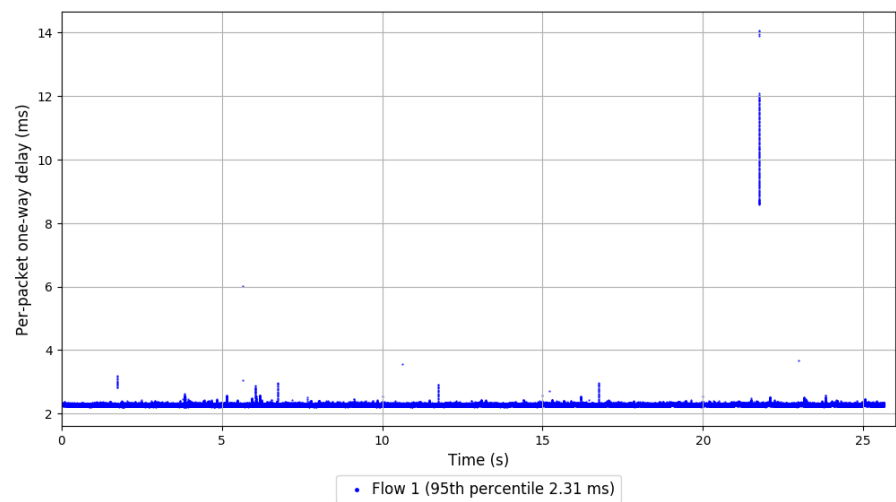
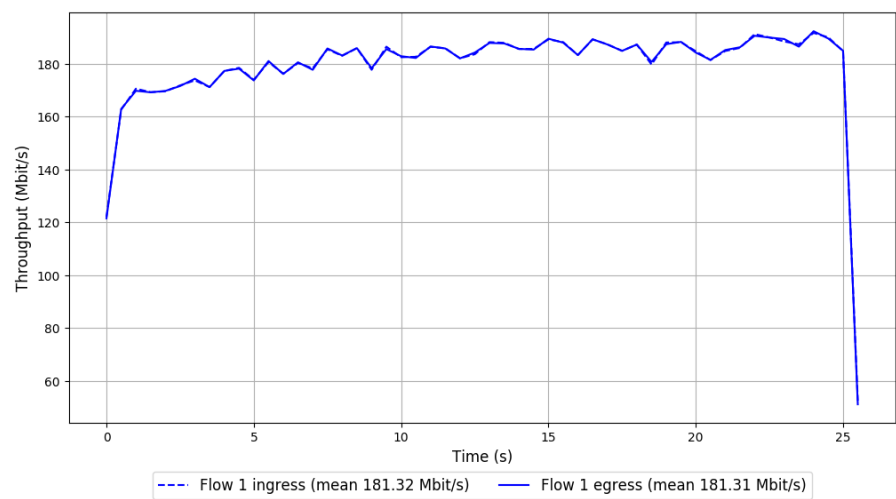
-- Flow 1:

Average throughput: 181.31 Mbit/s

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

Loss rate: 0.02%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-10-10 20:09:05

End at: 2017-10-10 20:09:35

Local clock offset: 1.009 ms

Remote clock offset: 0.987 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 180.87 Mbit/s

95th percentile per-packet one-way delay: 2.250 ms

Loss rate: 0.01%

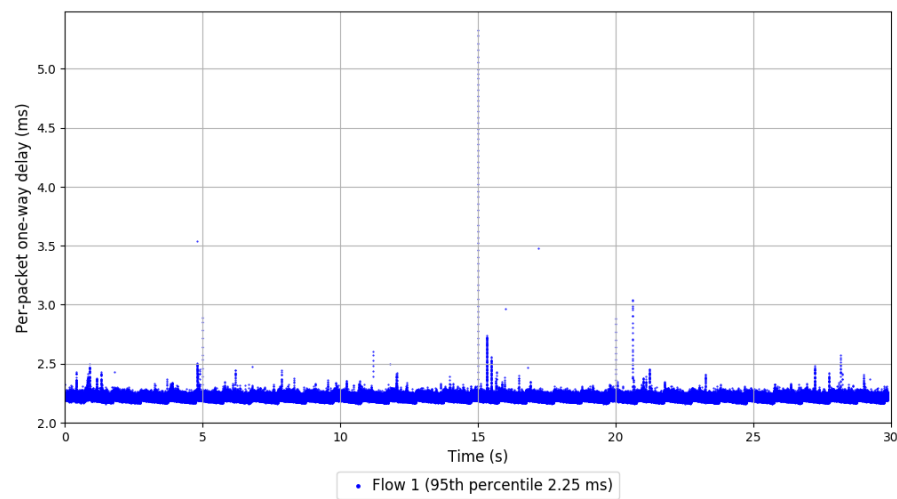
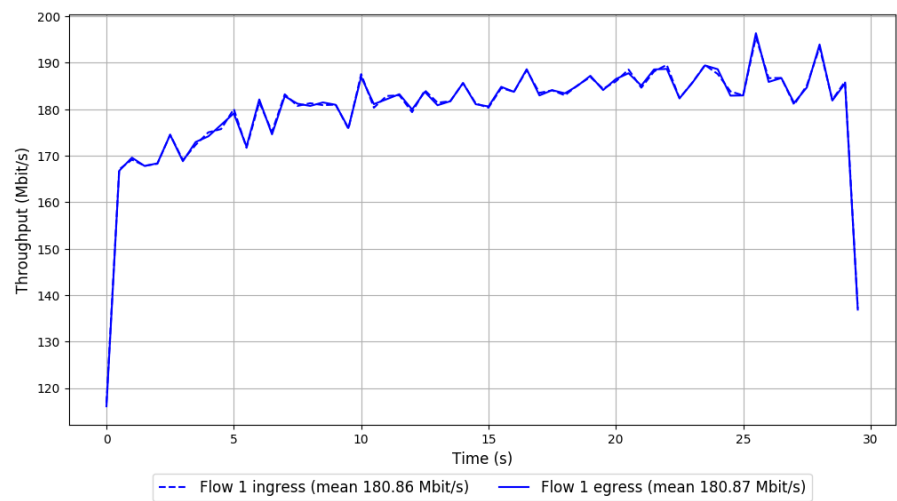
-- Flow 1:

Average throughput: 180.87 Mbit/s

95th percentile per-packet one-way delay: 2.250 ms

Loss rate: 0.01%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-10-10 20:27:35

End at: 2017-10-10 20:28:05

Local clock offset: 1.09 ms

Remote clock offset: 0.703 ms

Below is generated by plot.py at 2017-10-11 01:24:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.29 Mbit/s

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

Loss rate: 0.01%

-- Flow 1:

Average throughput: 178.29 Mbit/s

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

Loss rate: 0.01%

Run 10: Report of Indigo — Data Link

