

Pantheon Report

Generated at 2018-02-27 22:18:22 (UTC).

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

Repeated the test of 17 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).

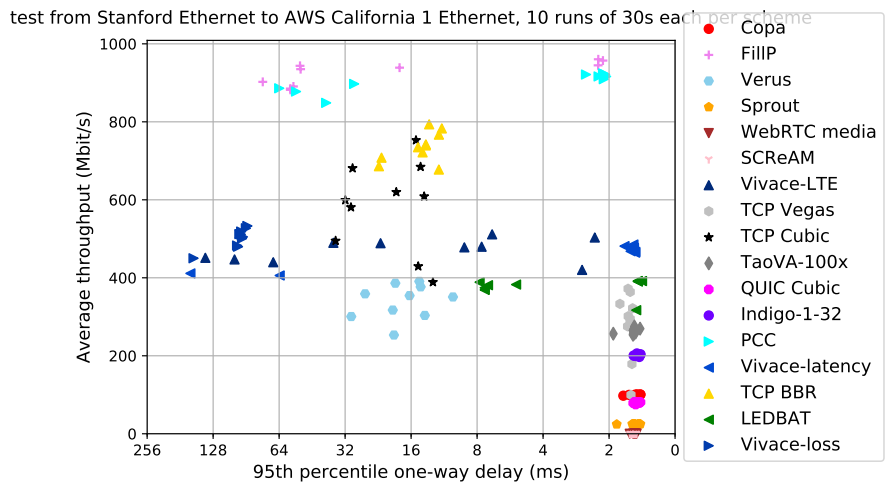
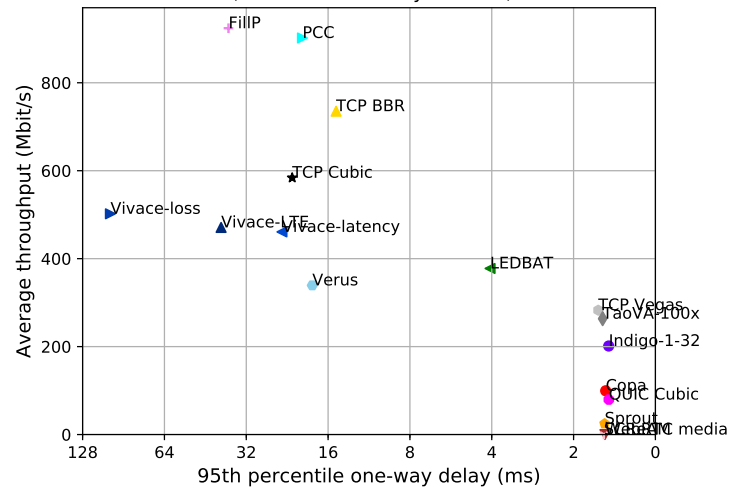
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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 @ f1a14bffe749737437f61b1eaeab30b267cde681
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/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from Stanford Ethernet to AWS California 1 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by 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	735.40	14.95	0.14
TCP Cubic	10	583.96	21.69	0.07
LEDBAT	10	377.74	4.06	0.08
PCC	10	901.89	19.88	0.89
QUIC Cubic	10	79.57	1.14	0.07
SCReAM	10	0.22	1.26	0.13
WebRTC media	10	0.05	1.23	0.00
Sprout	10	24.82	1.24	0.09
TaoVA-100x	10	263.49	1.29	0.07
TCP Vegas	10	282.76	1.40	0.07
Verus	10	339.24	18.30	0.24
Copa	10	99.51	1.21	0.06
FillP	10	924.03	37.20	2.55
Indigo-1-32	10	201.35	1.14	0.07
Vivace-latency	10	460.82	23.66	0.57
Vivace-loss	10	502.00	101.14	3.48
Vivace-LTE	10	470.99	39.60	0.80

Run 1: Statistics of TCP BBR

Start at: 2018-02-27 11:04:09

End at: 2018-02-27 11:04:39

Local clock offset: 0.631 ms

Remote clock offset: -5.359 ms

Below is generated by plot.py at 2018-02-27 20:26:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 686.15 Mbit/s

95th percentile per-packet one-way delay: 22.434 ms

Loss rate: 0.11%

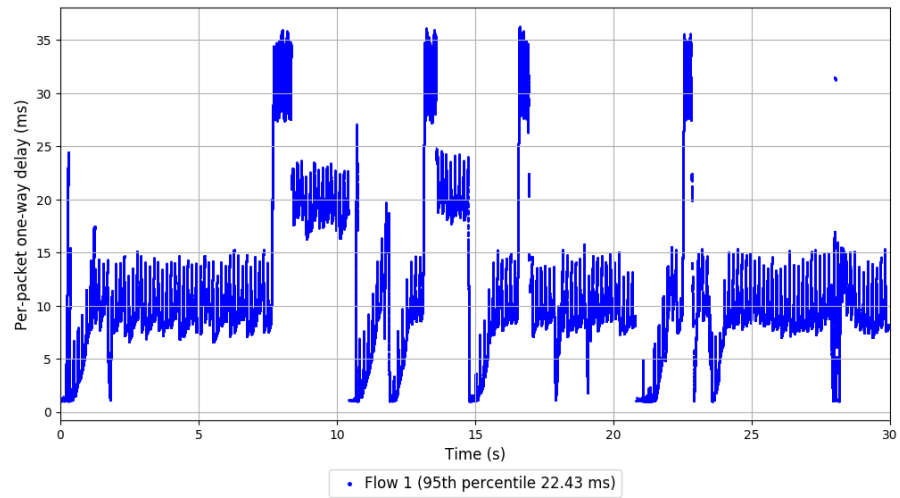
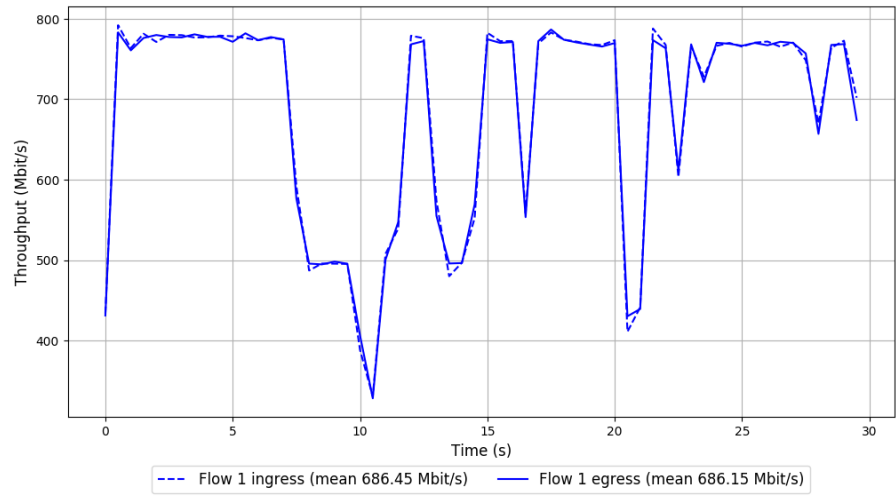
-- Flow 1:

Average throughput: 686.15 Mbit/s

95th percentile per-packet one-way delay: 22.434 ms

Loss rate: 0.11%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-02-27 11:31:53

End at: 2018-02-27 11:32:23

Local clock offset: -0.71 ms

Remote clock offset: -6.125 ms

Below is generated by plot.py at 2018-02-27 20:27:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 742.12 Mbit/s

95th percentile per-packet one-way delay: 13.703 ms

Loss rate: 0.10%

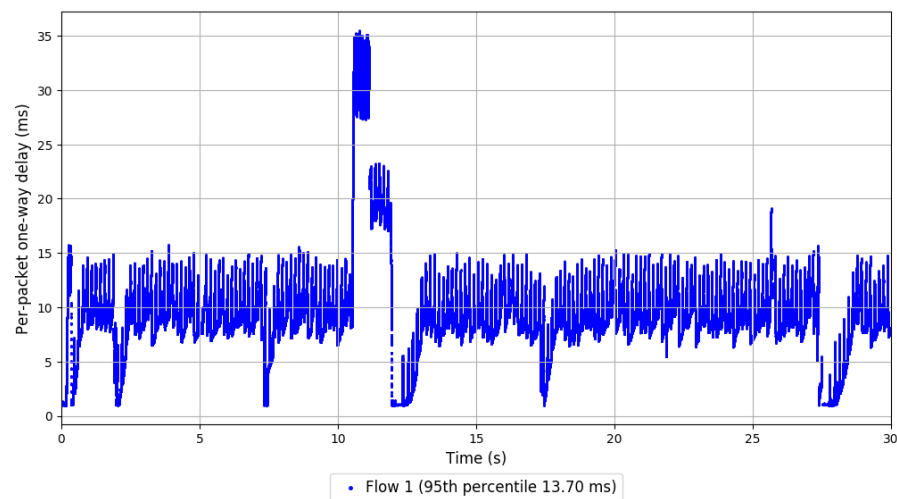
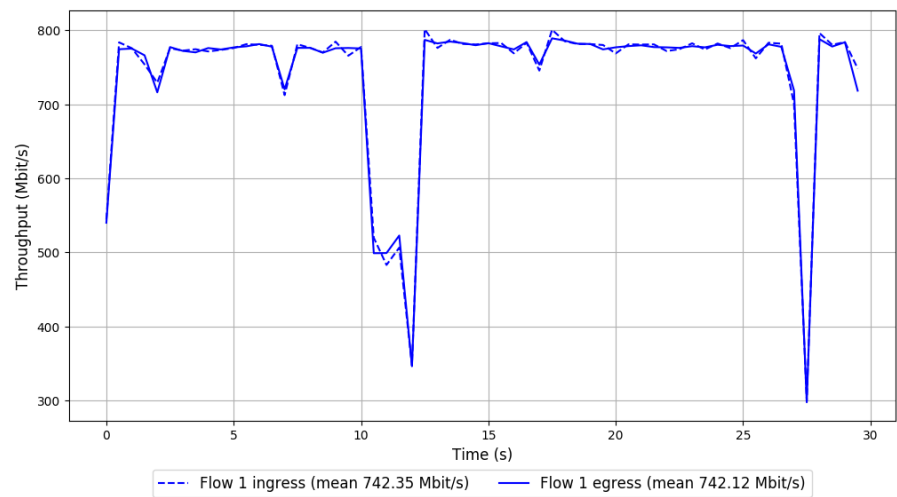
-- Flow 1:

Average throughput: 742.12 Mbit/s

95th percentile per-packet one-way delay: 13.703 ms

Loss rate: 0.10%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-27 11:59:35

End at: 2018-02-27 12:00:05

Local clock offset: 2.116 ms

Remote clock offset: -4.988 ms

Below is generated by plot.py at 2018-02-27 20:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 793.65 Mbit/s

95th percentile per-packet one-way delay: 13.235 ms

Loss rate: 0.09%

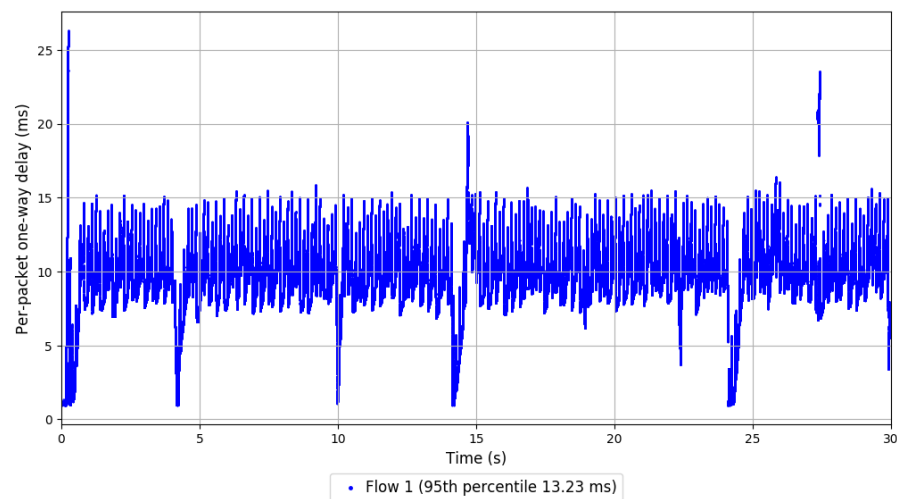
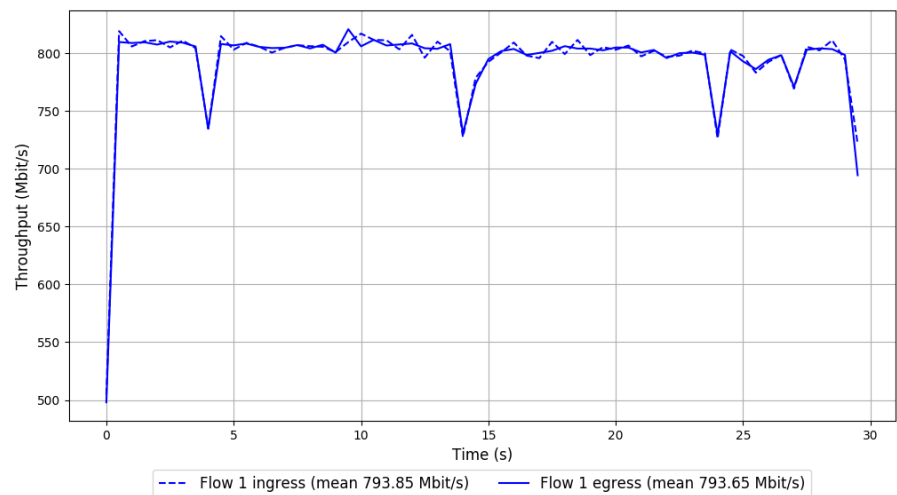
-- Flow 1:

Average throughput: 793.65 Mbit/s

95th percentile per-packet one-way delay: 13.235 ms

Loss rate: 0.09%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-27 12:27:23

End at: 2018-02-27 12:27:53

Local clock offset: 0.819 ms

Remote clock offset: -5.425 ms

Below is generated by plot.py at 2018-02-27 20:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 721.71 Mbit/s

95th percentile per-packet one-way delay: 14.180 ms

Loss rate: 0.09%

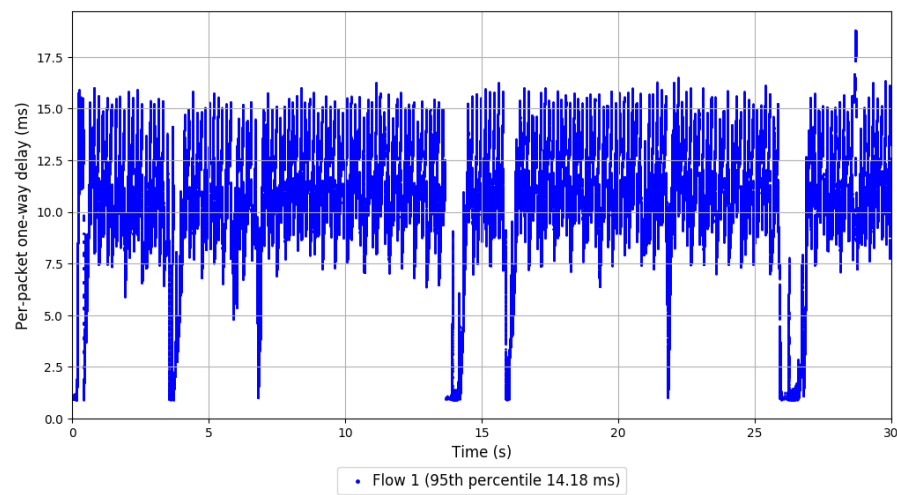
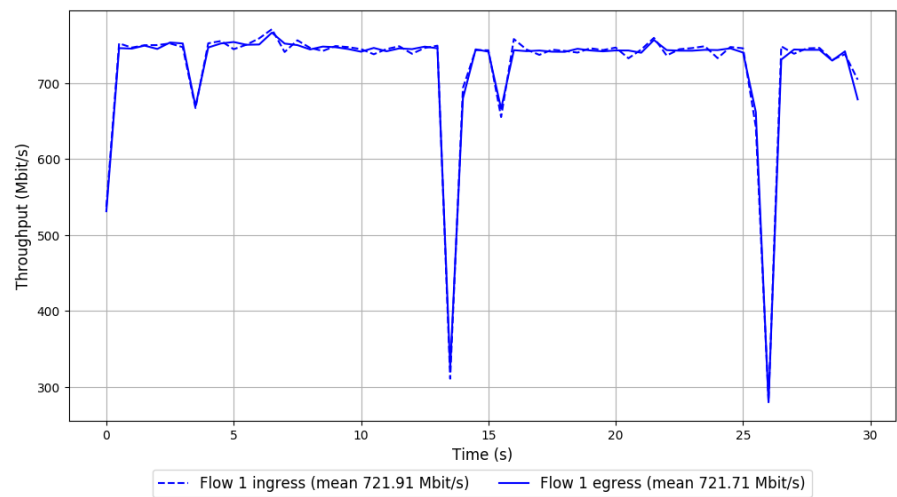
-- Flow 1:

Average throughput: 721.71 Mbit/s

95th percentile per-packet one-way delay: 14.180 ms

Loss rate: 0.09%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-27 12:55:00

End at: 2018-02-27 12:55:30

Local clock offset: 0.66 ms

Remote clock offset: -5.39 ms

Below is generated by plot.py at 2018-02-27 20:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 783.09 Mbit/s

95th percentile per-packet one-way delay: 11.591 ms

Loss rate: 0.09%

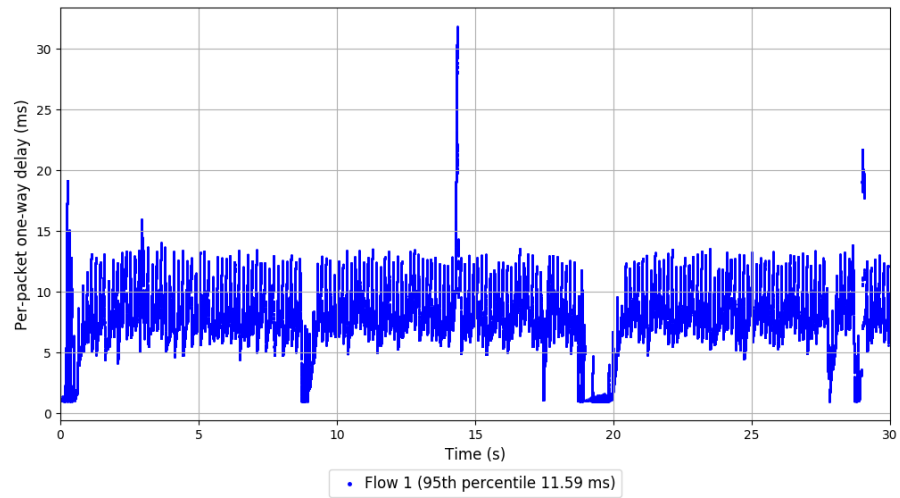
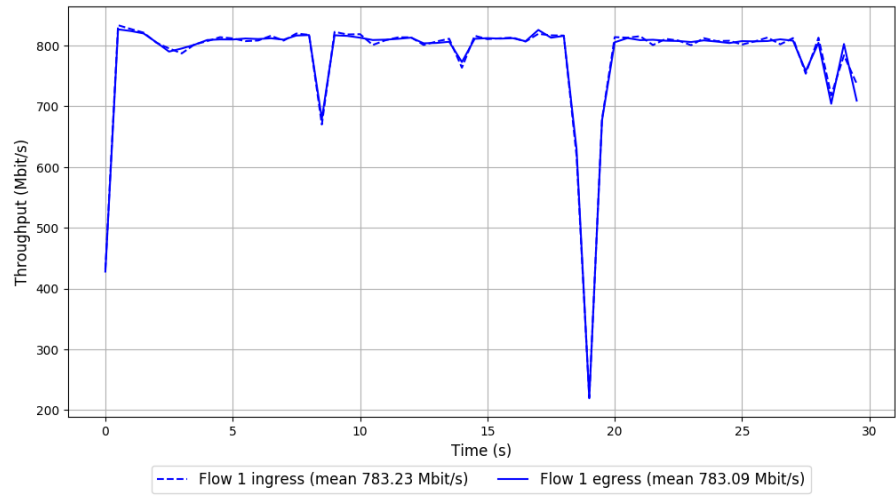
-- Flow 1:

Average throughput: 783.09 Mbit/s

95th percentile per-packet one-way delay: 11.591 ms

Loss rate: 0.09%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-27 13:22:45

End at: 2018-02-27 13:23:15

Local clock offset: 0.556 ms

Remote clock offset: -5.33 ms

Below is generated by plot.py at 2018-02-27 20:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 767.19 Mbit/s

95th percentile per-packet one-way delay: 11.947 ms

Loss rate: 0.10%

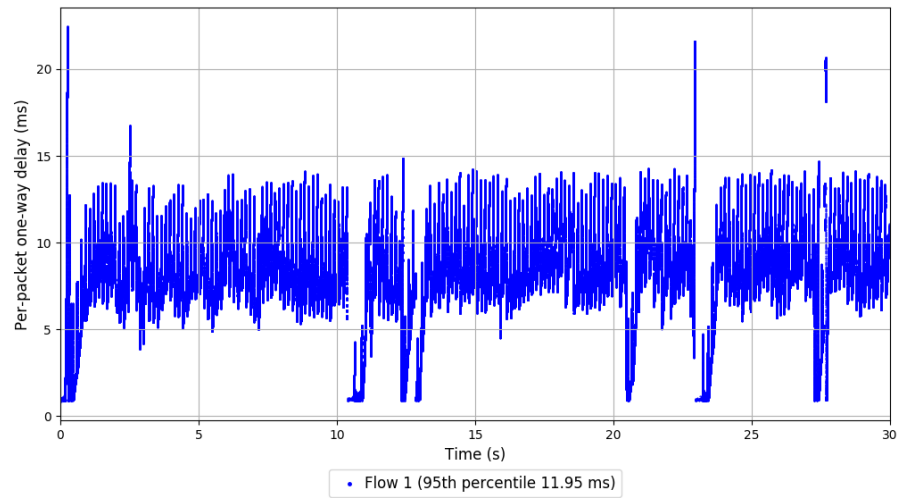
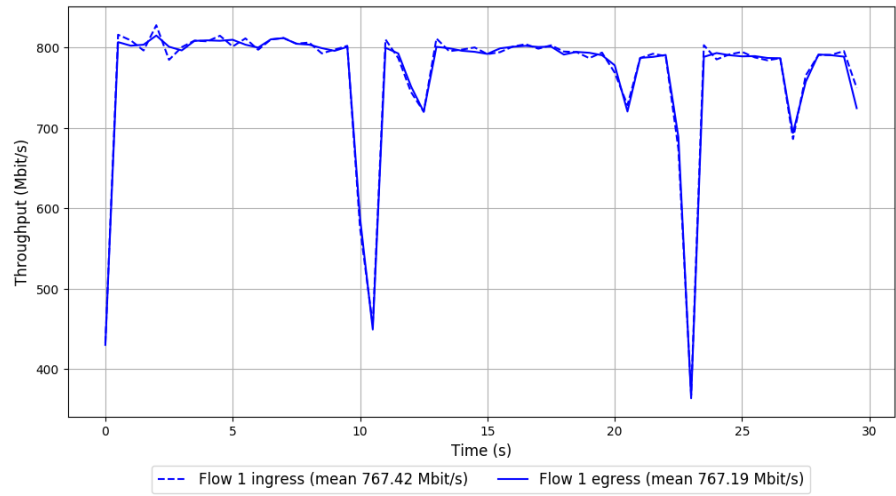
-- Flow 1:

Average throughput: 767.19 Mbit/s

95th percentile per-packet one-way delay: 11.947 ms

Loss rate: 0.10%

Run 6: Report of TCP BBR — Data Link

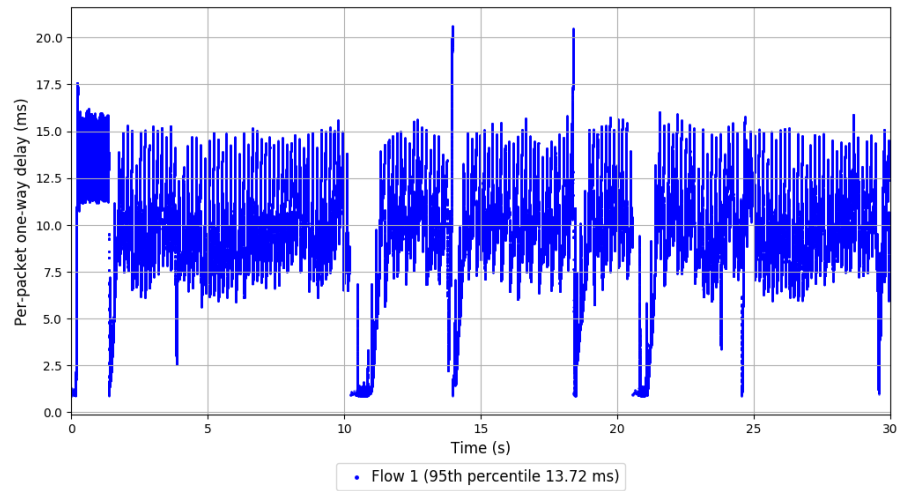
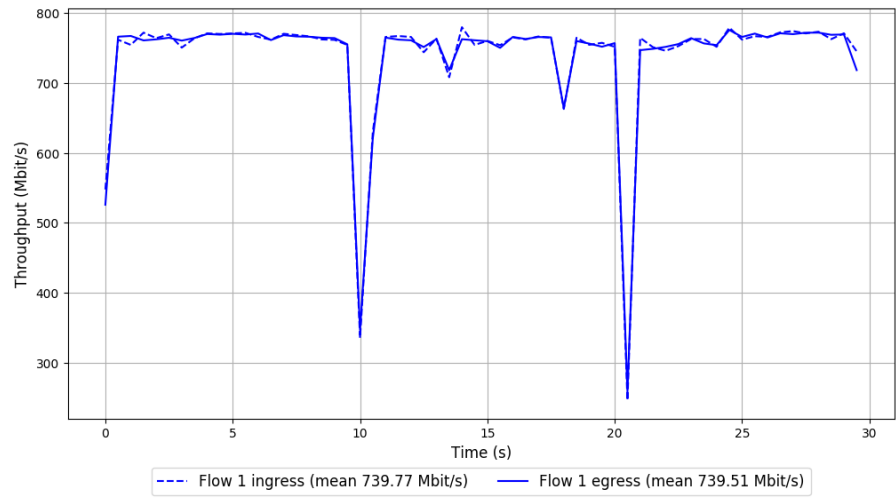


Run 7: Statistics of TCP BBR

Start at: 2018-02-27 13:50:44
End at: 2018-02-27 13:51:14
Local clock offset: 0.678 ms
Remote clock offset: -4.997 ms

Below is generated by plot.py at 2018-02-27 20:27:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 739.51 Mbit/s
95th percentile per-packet one-way delay: 13.721 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 739.51 Mbit/s
95th percentile per-packet one-way delay: 13.721 ms
Loss rate: 0.10%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-27 14:18:57

End at: 2018-02-27 14:19:27

Local clock offset: 0.596 ms

Remote clock offset: -6.622 ms

Below is generated by plot.py at 2018-02-27 20:27:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 677.62 Mbit/s

95th percentile per-packet one-way delay: 11.958 ms

Loss rate: 0.61%

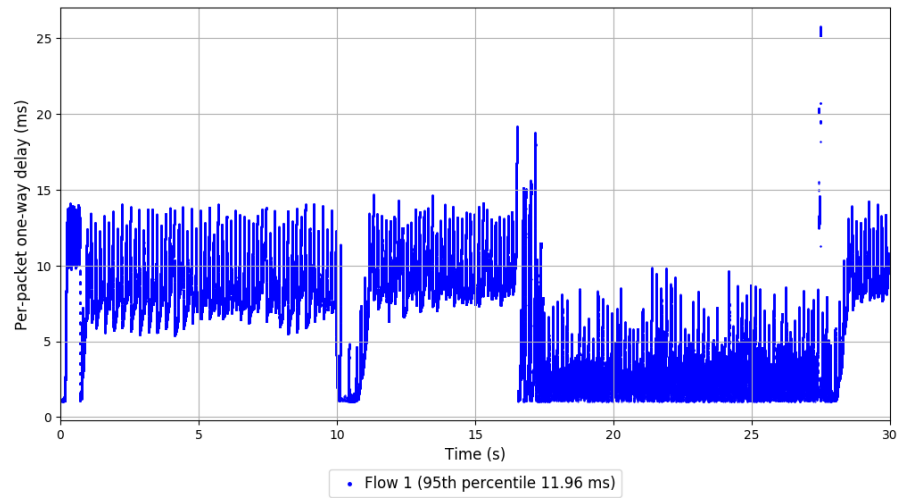
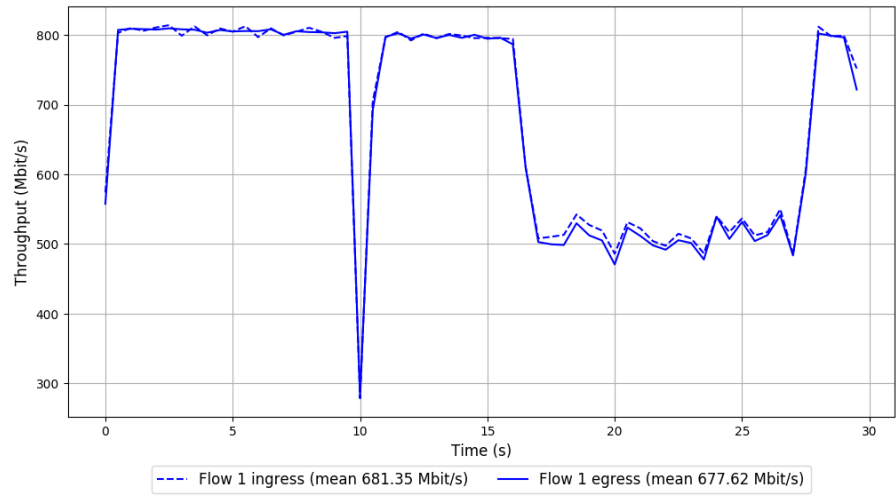
-- Flow 1:

Average throughput: 677.62 Mbit/s

95th percentile per-packet one-way delay: 11.958 ms

Loss rate: 0.61%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-27 14:46:33

End at: 2018-02-27 14:47:03

Local clock offset: 0.898 ms

Remote clock offset: -5.998 ms

Below is generated by plot.py at 2018-02-27 20:36:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 734.84 Mbit/s

95th percentile per-packet one-way delay: 14.879 ms

Loss rate: 0.08%

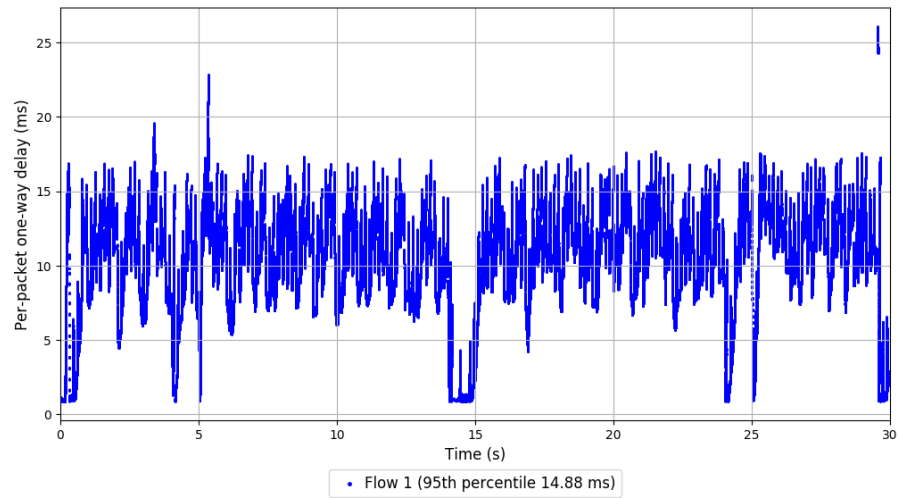
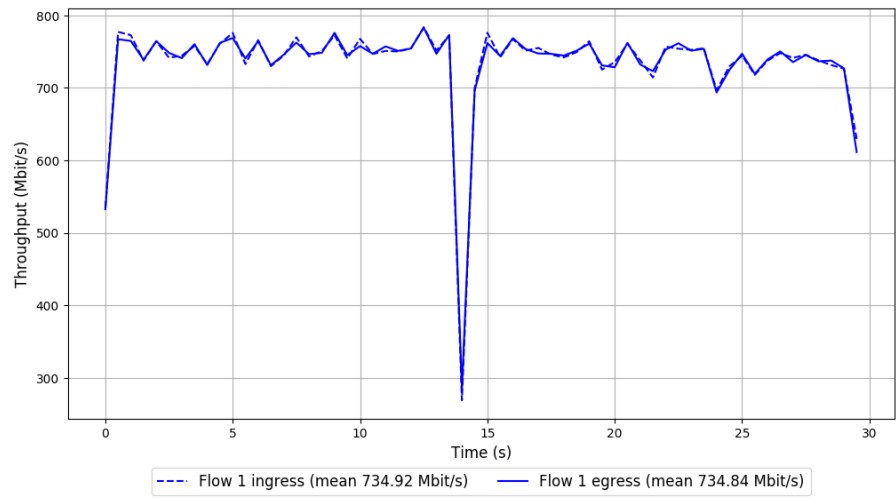
-- Flow 1:

Average throughput: 734.84 Mbit/s

95th percentile per-packet one-way delay: 14.879 ms

Loss rate: 0.08%

Run 9: Report of TCP BBR — Data Link

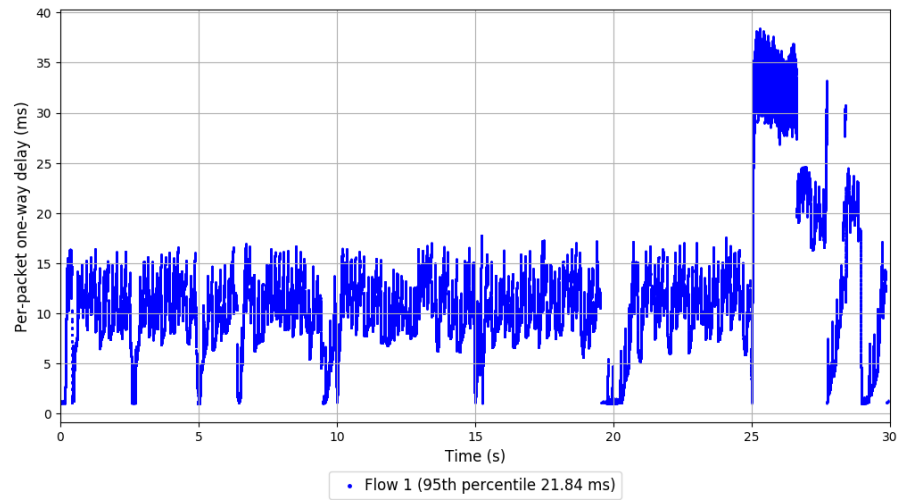
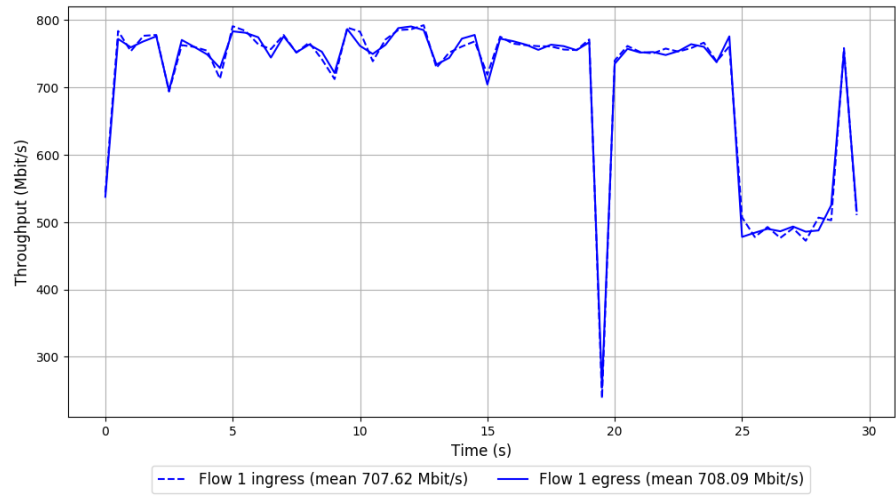


Run 10: Statistics of TCP BBR

Start at: 2018-02-27 15:14:21
End at: 2018-02-27 15:14:51
Local clock offset: 0.942 ms
Remote clock offset: -5.828 ms

Below is generated by plot.py at 2018-02-27 20:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 708.09 Mbit/s
95th percentile per-packet one-way delay: 21.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 708.09 Mbit/s
95th percentile per-packet one-way delay: 21.835 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link

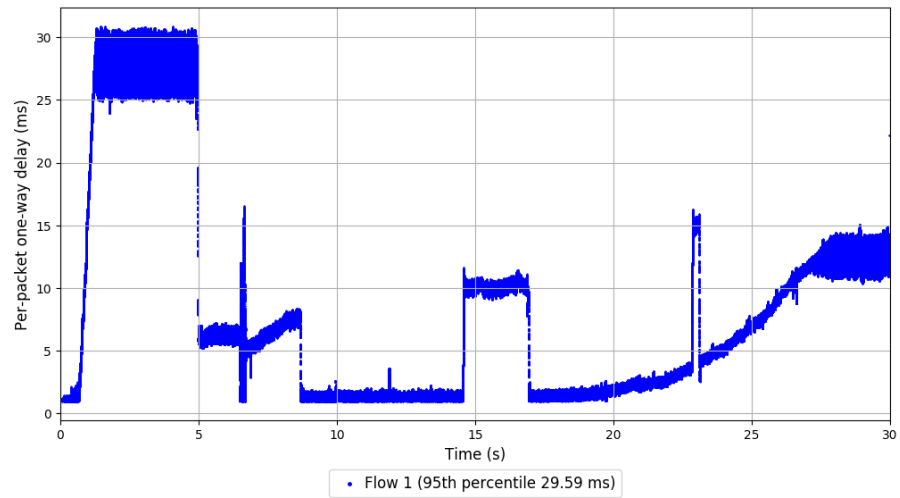
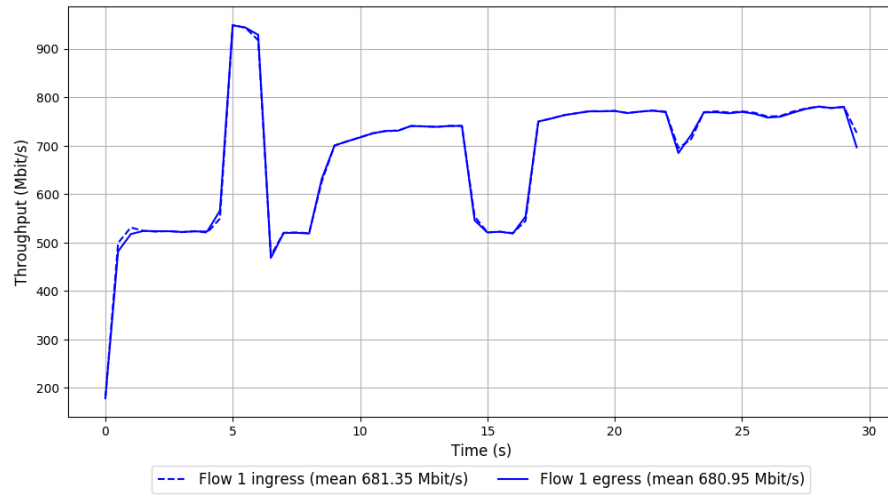


Run 1: Statistics of TCP Cubic

Start at: 2018-02-27 11:22:44
End at: 2018-02-27 11:23:14
Local clock offset: -0.416 ms
Remote clock offset: -5.994 ms

Below is generated by plot.py at 2018-02-27 20:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 680.95 Mbit/s
95th percentile per-packet one-way delay: 29.591 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 680.95 Mbit/s
95th percentile per-packet one-way delay: 29.591 ms
Loss rate: 0.12%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-02-27 11:50:33

End at: 2018-02-27 11:51:03

Local clock offset: 1.619 ms

Remote clock offset: -5.28 ms

Below is generated by plot.py at 2018-02-27 20:36:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 494.82 Mbit/s

95th percentile per-packet one-way delay: 35.367 ms

Loss rate: 0.11%

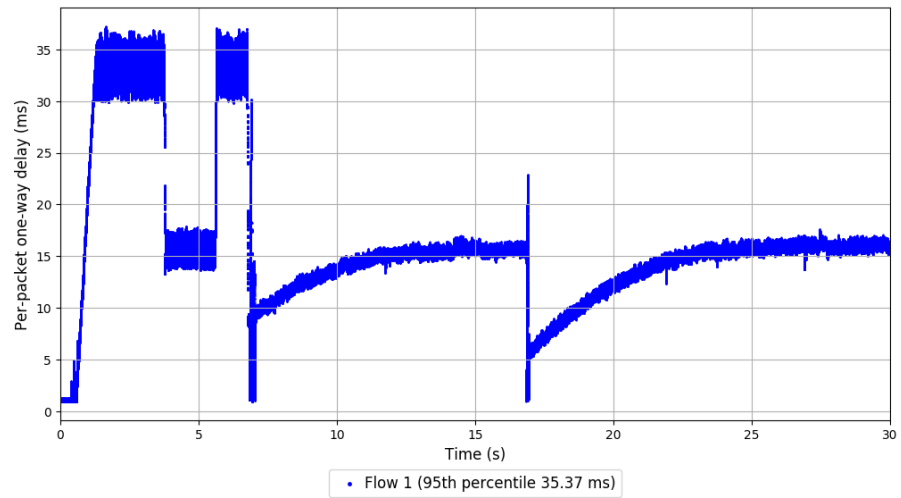
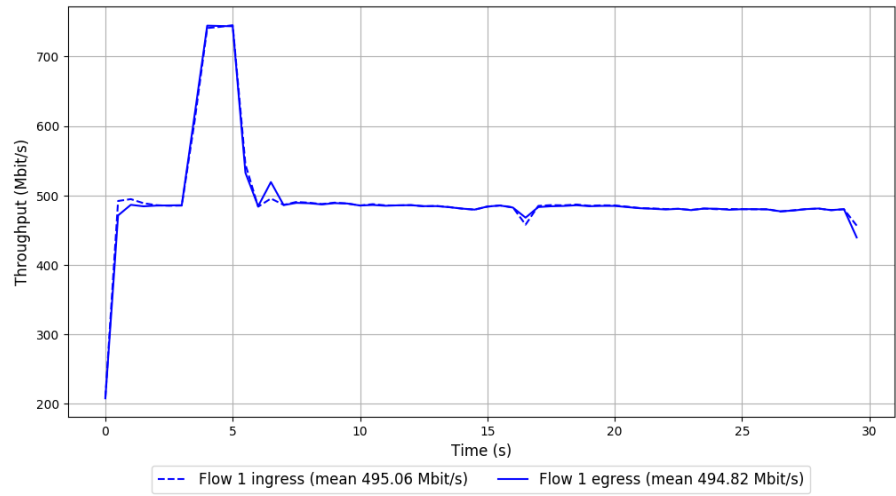
-- Flow 1:

Average throughput: 494.82 Mbit/s

95th percentile per-packet one-way delay: 35.367 ms

Loss rate: 0.11%

Run 2: Report of TCP Cubic — Data Link

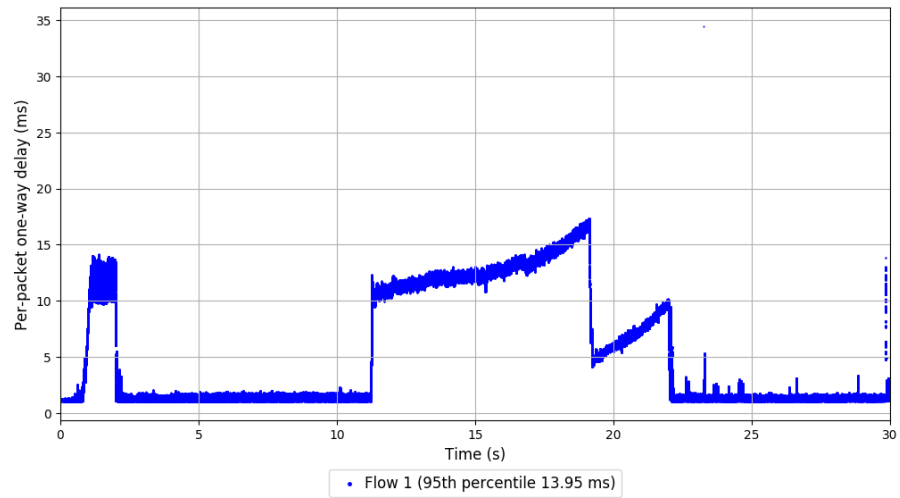
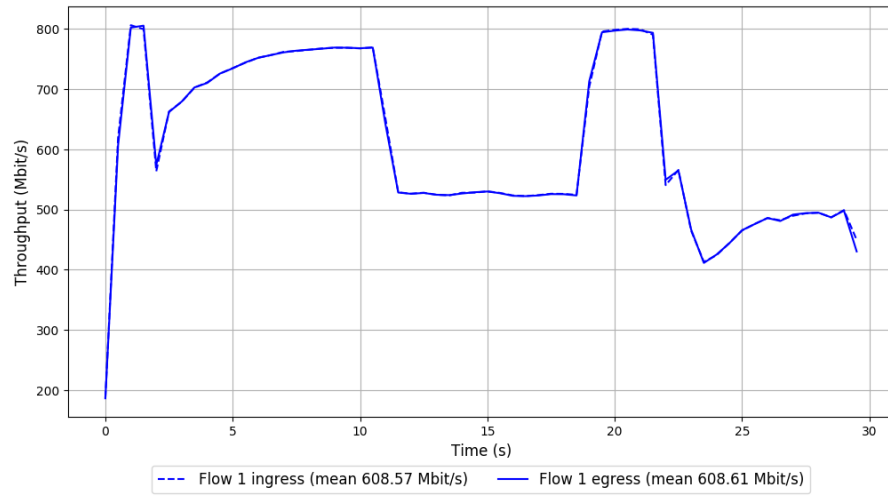


Run 3: Statistics of TCP Cubic

Start at: 2018-02-27 12:18:17
End at: 2018-02-27 12:18:47
Local clock offset: 1.409 ms
Remote clock offset: -5.234 ms

Below is generated by plot.py at 2018-02-27 20:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 608.61 Mbit/s
95th percentile per-packet one-way delay: 13.947 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 608.61 Mbit/s
95th percentile per-packet one-way delay: 13.947 ms
Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link

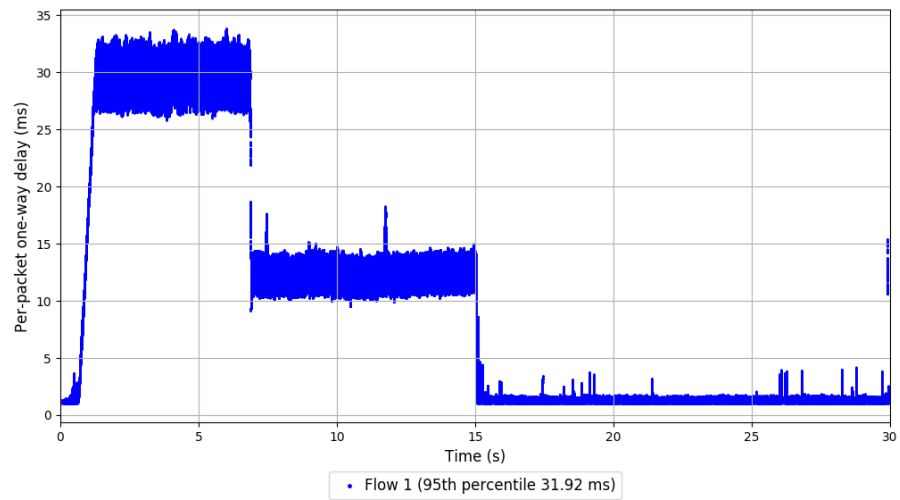
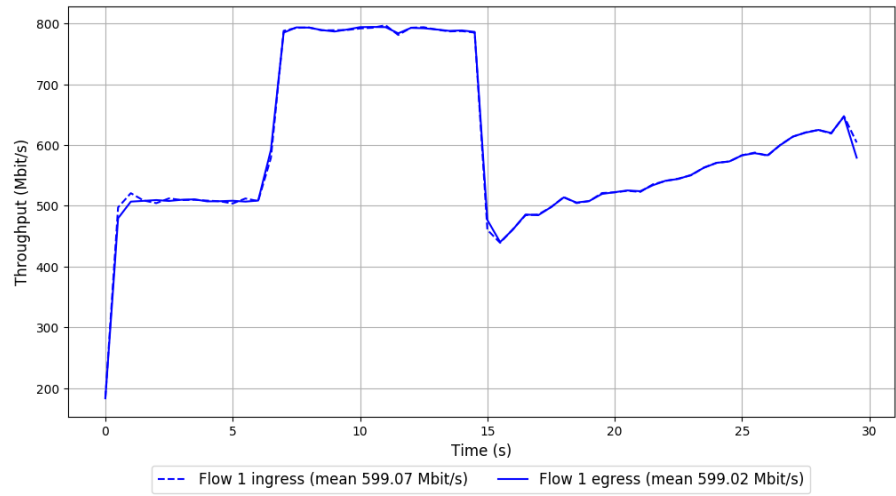


Run 4: Statistics of TCP Cubic

Start at: 2018-02-27 12:45:54
End at: 2018-02-27 12:46:24
Local clock offset: 0.512 ms
Remote clock offset: -5.601 ms

Below is generated by plot.py at 2018-02-27 20:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 599.02 Mbit/s
95th percentile per-packet one-way delay: 31.919 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 599.02 Mbit/s
95th percentile per-packet one-way delay: 31.919 ms
Loss rate: 0.07%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-02-27 13:13:42

End at: 2018-02-27 13:14:12

Local clock offset: 0.589 ms

Remote clock offset: -5.28 ms

Below is generated by plot.py at 2018-02-27 20:36:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 580.82 Mbit/s

95th percentile per-packet one-way delay: 30.096 ms

Loss rate: 0.12%

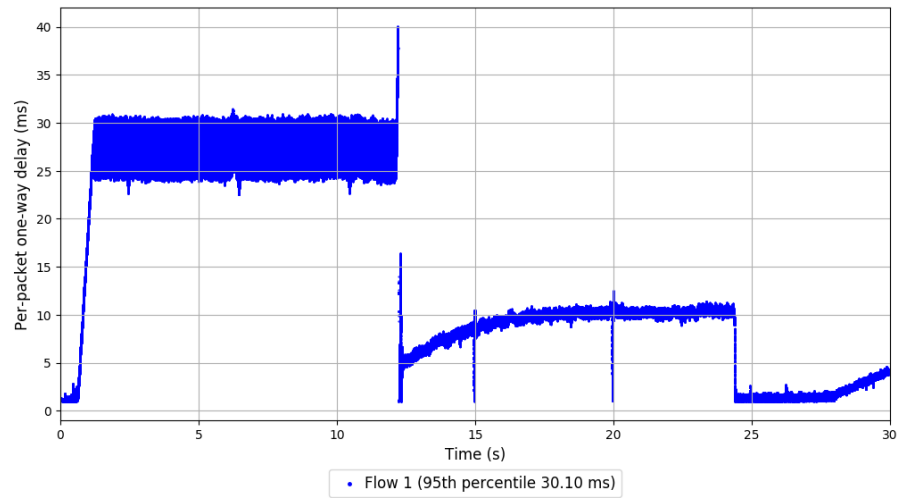
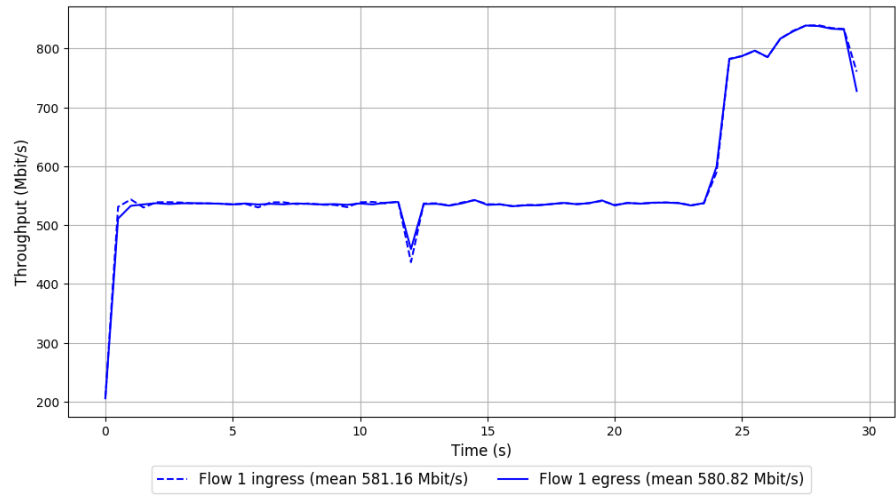
-- Flow 1:

Average throughput: 580.82 Mbit/s

95th percentile per-packet one-way delay: 30.096 ms

Loss rate: 0.12%

Run 5: Report of TCP Cubic — Data Link

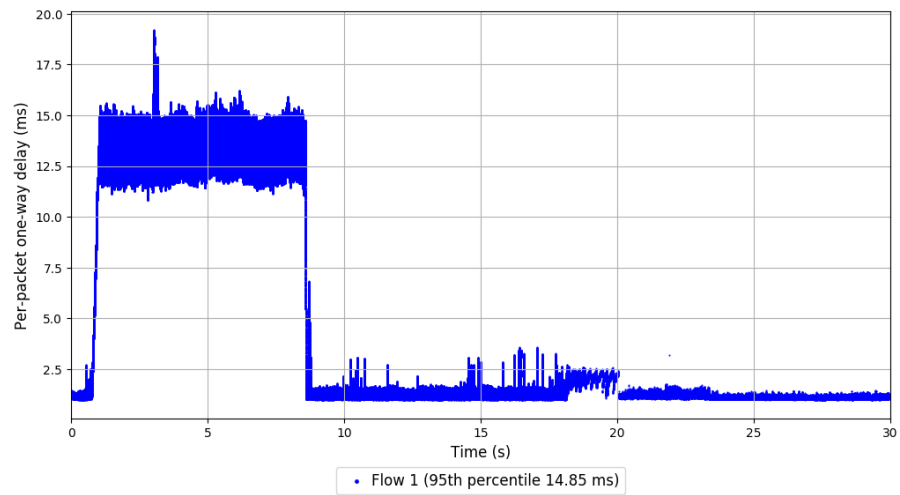
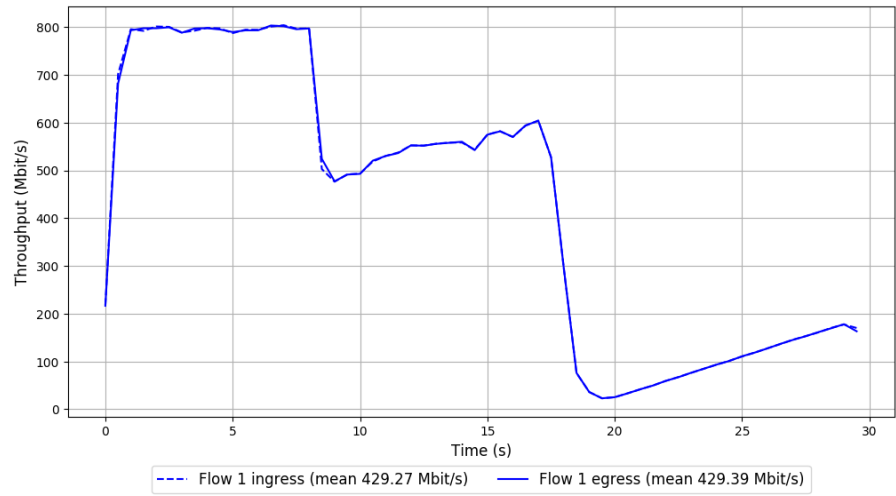


Run 6: Statistics of TCP Cubic

Start at: 2018-02-27 13:41:39
End at: 2018-02-27 13:42:09
Local clock offset: 0.783 ms
Remote clock offset: -5.123 ms

Below is generated by plot.py at 2018-02-27 20:36:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 429.39 Mbit/s
95th percentile per-packet one-way delay: 14.846 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 429.39 Mbit/s
95th percentile per-packet one-way delay: 14.846 ms
Loss rate: 0.03%

Run 6: Report of TCP Cubic — Data Link

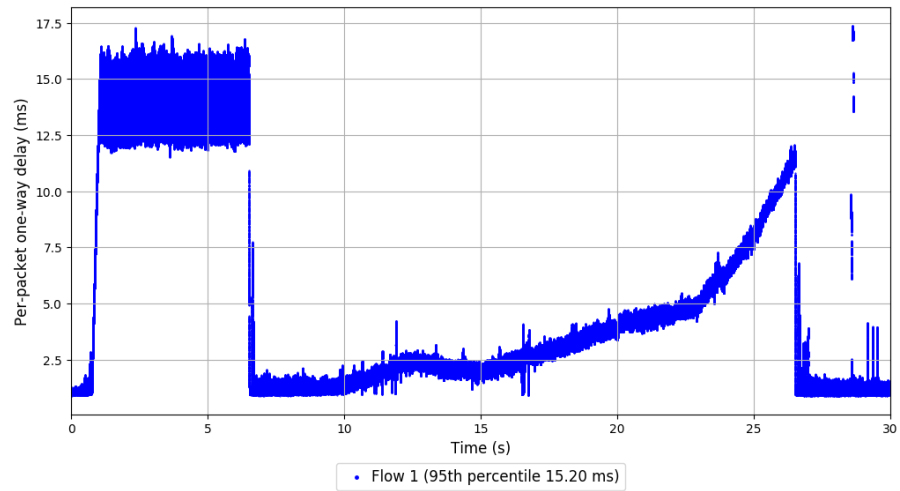
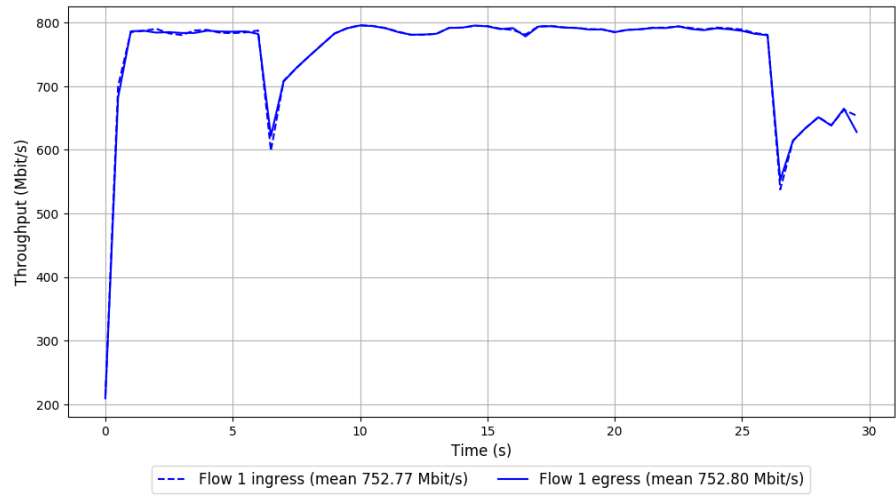


Run 7: Statistics of TCP Cubic

Start at: 2018-02-27 14:09:41
End at: 2018-02-27 14:10:11
Local clock offset: 0.631 ms
Remote clock offset: -6.271 ms

Below is generated by plot.py at 2018-02-27 20:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 752.80 Mbit/s
95th percentile per-packet one-way delay: 15.201 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 752.80 Mbit/s
95th percentile per-packet one-way delay: 15.201 ms
Loss rate: 0.06%

Run 7: Report of TCP Cubic — Data Link

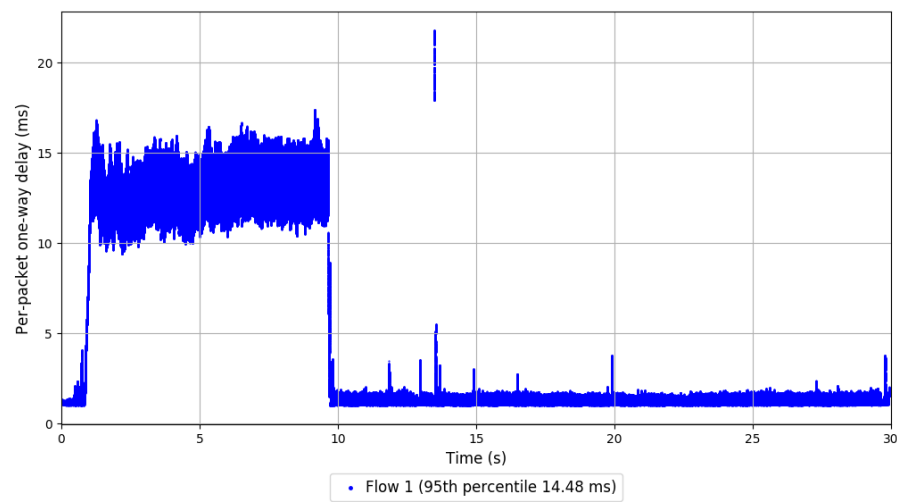
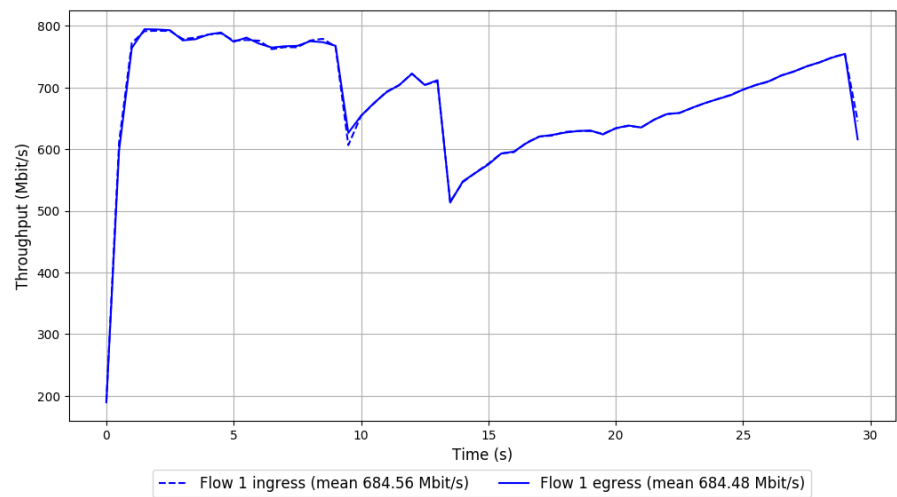


Run 8: Statistics of TCP Cubic

Start at: 2018-02-27 14:37:27
End at: 2018-02-27 14:37:57
Local clock offset: 0.922 ms
Remote clock offset: -6.227 ms

Below is generated by plot.py at 2018-02-27 20:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 684.48 Mbit/s
95th percentile per-packet one-way delay: 14.485 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 684.48 Mbit/s
95th percentile per-packet one-way delay: 14.485 ms
Loss rate: 0.08%

Run 8: Report of TCP Cubic — Data Link

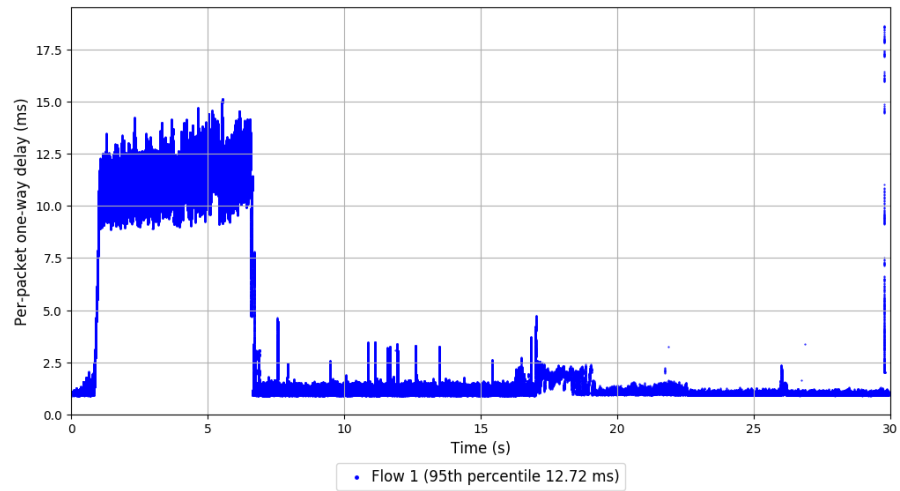
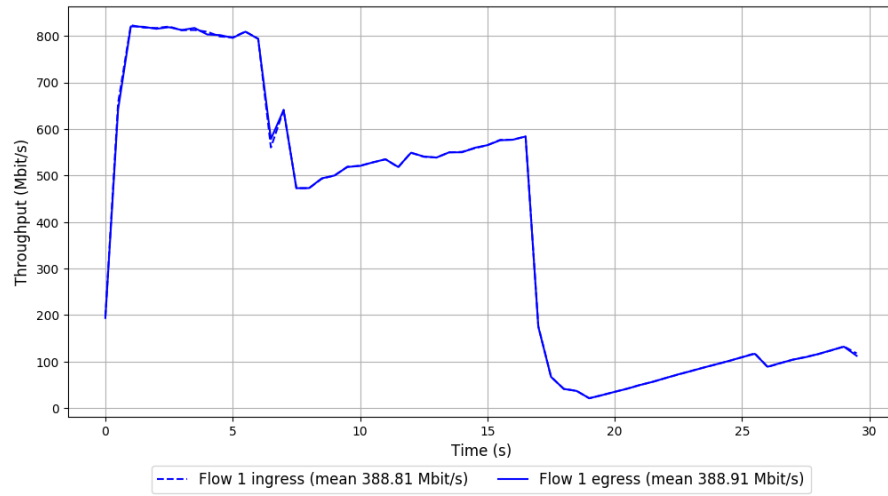


Run 9: Statistics of TCP Cubic

Start at: 2018-02-27 15:05:20
End at: 2018-02-27 15:05:50
Local clock offset: 0.957 ms
Remote clock offset: -5.796 ms

Below is generated by plot.py at 2018-02-27 20:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 388.91 Mbit/s
95th percentile per-packet one-way delay: 12.723 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 388.91 Mbit/s
95th percentile per-packet one-way delay: 12.723 ms
Loss rate: 0.04%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-27 15:32:58

End at: 2018-02-27 15:33:28

Local clock offset: 0.856 ms

Remote clock offset: -5.697 ms

Below is generated by plot.py at 2018-02-27 20:44:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 619.78 Mbit/s

95th percentile per-packet one-way delay: 18.694 ms

Loss rate: 0.06%

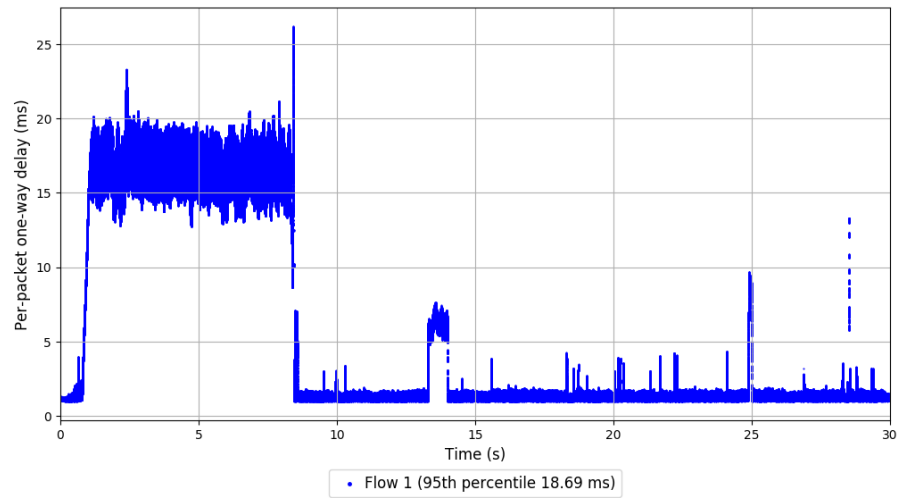
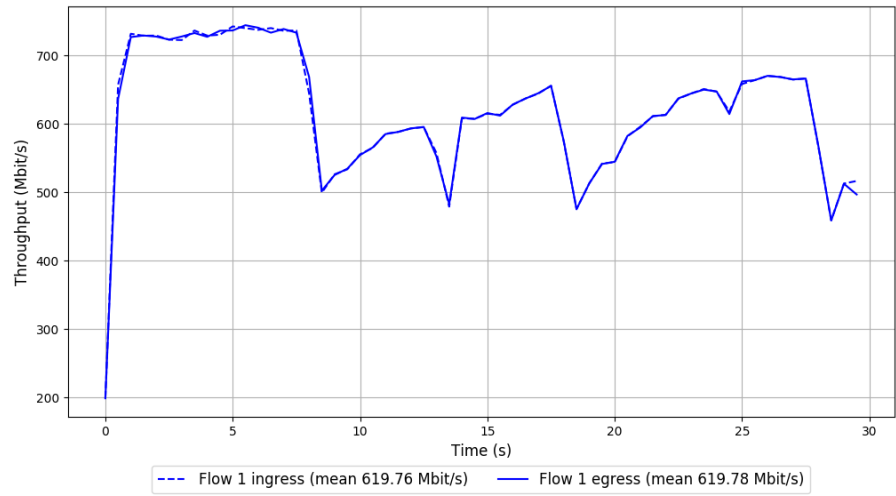
-- Flow 1:

Average throughput: 619.78 Mbit/s

95th percentile per-packet one-way delay: 18.694 ms

Loss rate: 0.06%

Run 10: Report of TCP Cubic — Data Link

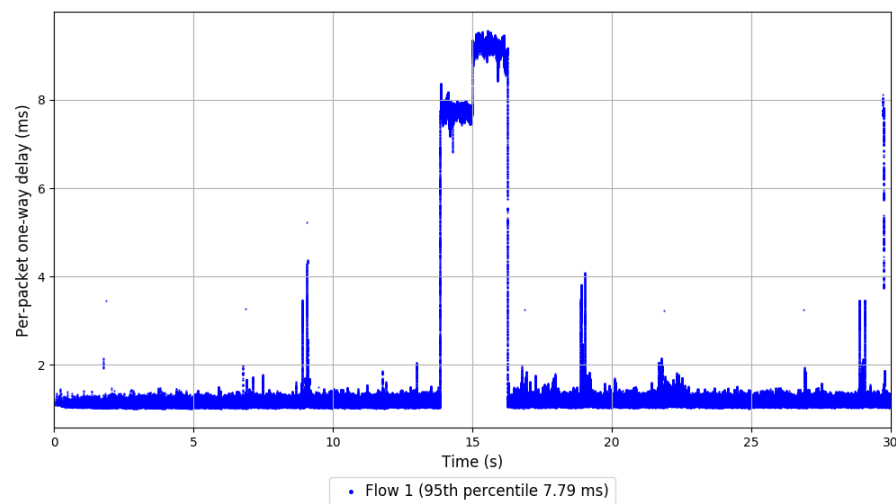
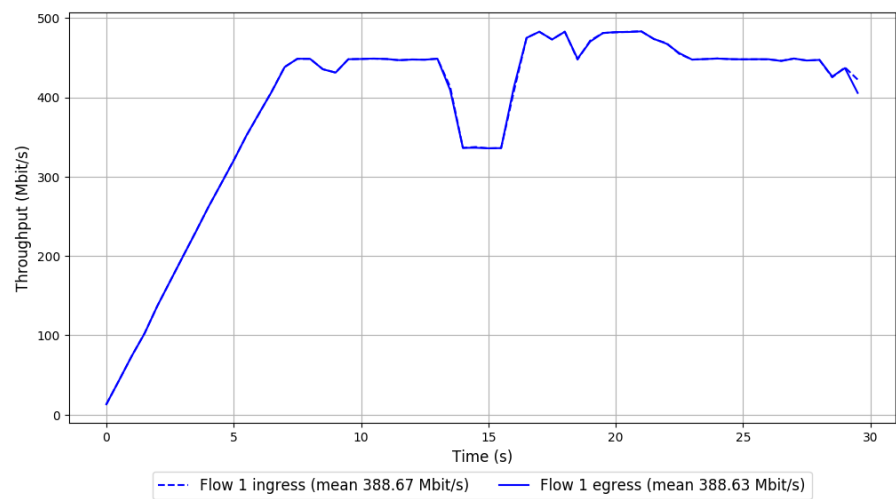


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-27 11:12:11
End at: 2018-02-27 11:12:41
Local clock offset: -0.023 ms
Remote clock offset: -5.928 ms

# Below is generated by plot.py at 2018-02-27 20:44:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 388.63 Mbit/s
95th percentile per-packet one-way delay: 7.795 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 388.63 Mbit/s
95th percentile per-packet one-way delay: 7.795 ms
Loss rate: 0.08%
```


Run 1: Report of LEDBAT — Data Link

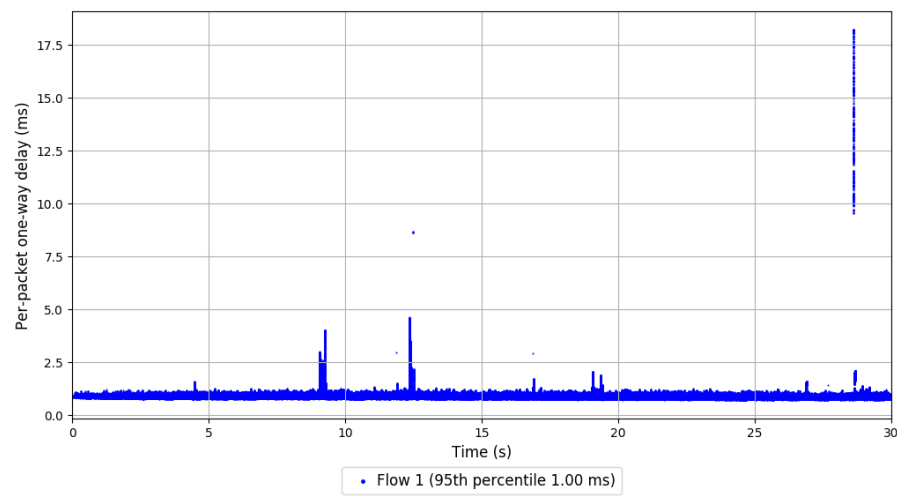
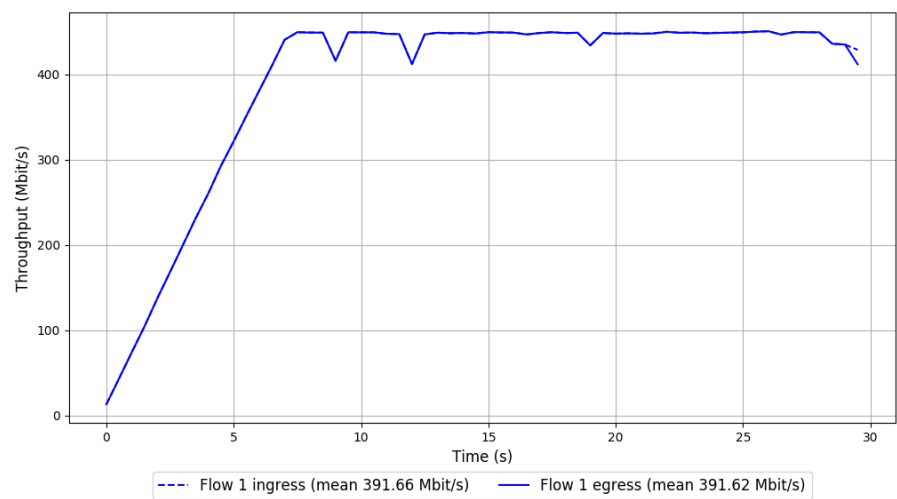


Run 2: Statistics of LEDBAT

Start at: 2018-02-27 11:40:01
End at: 2018-02-27 11:40:31
Local clock offset: 0.176 ms
Remote clock offset: -5.847 ms

Below is generated by plot.py at 2018-02-27 20:44:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 391.62 Mbit/s
95th percentile per-packet one-way delay: 1.002 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 391.62 Mbit/s
95th percentile per-packet one-way delay: 1.002 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

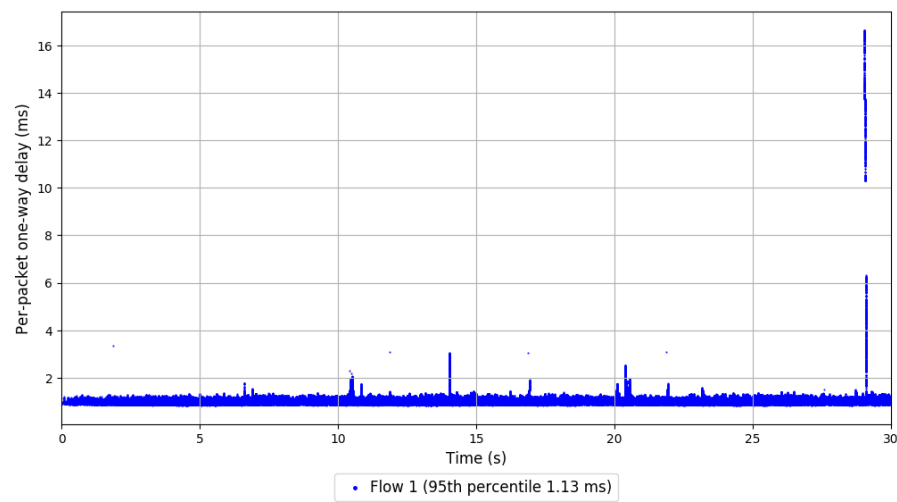
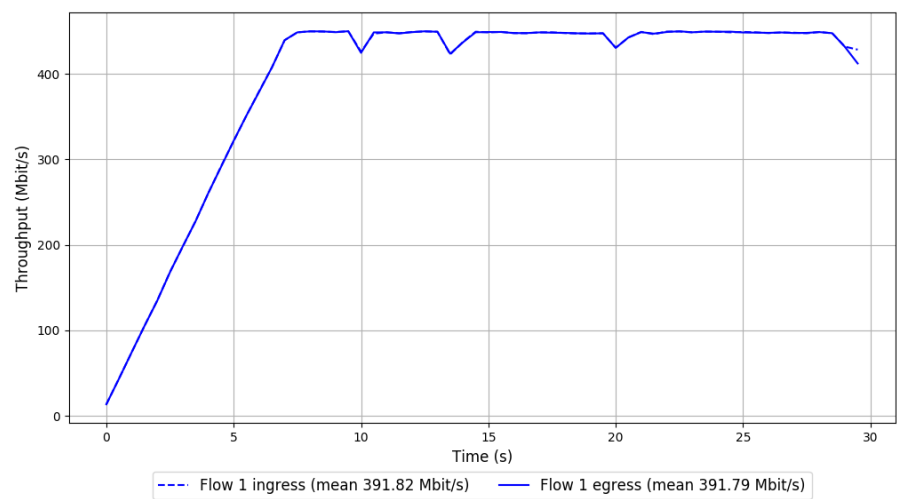


Run 3: Statistics of LEDBAT

Start at: 2018-02-27 12:07:39
End at: 2018-02-27 12:08:09
Local clock offset: 2.261 ms
Remote clock offset: -4.861 ms

Below is generated by plot.py at 2018-02-27 20:44:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 391.79 Mbit/s
95th percentile per-packet one-way delay: 1.133 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 391.79 Mbit/s
95th percentile per-packet one-way delay: 1.133 ms
Loss rate: 0.07%

Run 3: Report of LEDBAT — Data Link

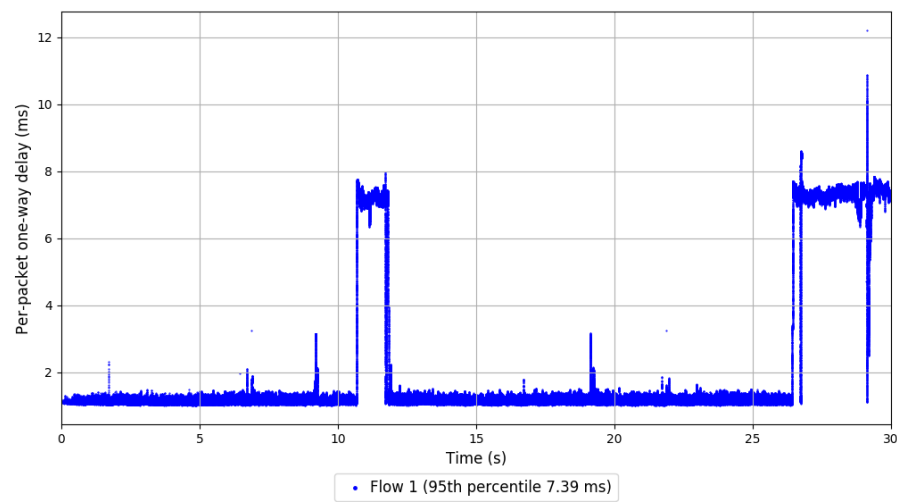
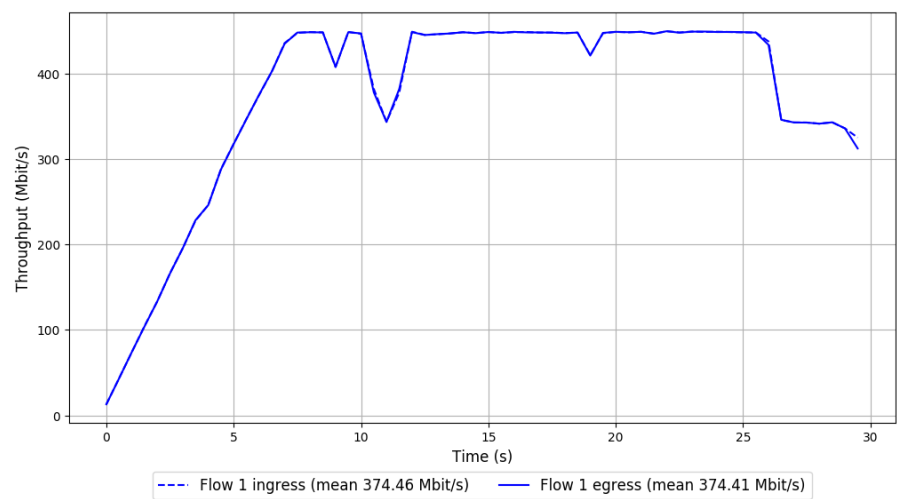


Run 4: Statistics of LEDBAT

Start at: 2018-02-27 12:35:20
End at: 2018-02-27 12:35:50
Local clock offset: 0.694 ms
Remote clock offset: -5.536 ms

Below is generated by plot.py at 2018-02-27 20:44:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 374.41 Mbit/s
95th percentile per-packet one-way delay: 7.392 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 374.41 Mbit/s
95th percentile per-packet one-way delay: 7.392 ms
Loss rate: 0.08%

Run 4: Report of LEDBAT — Data Link

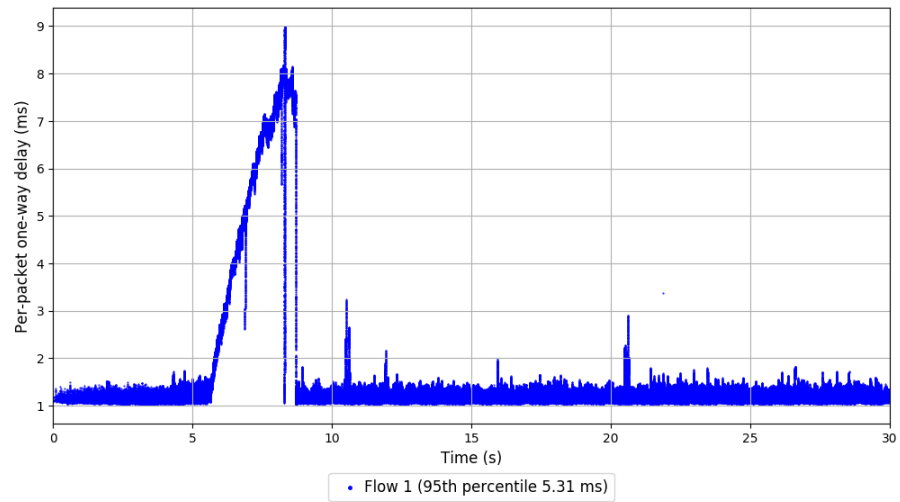
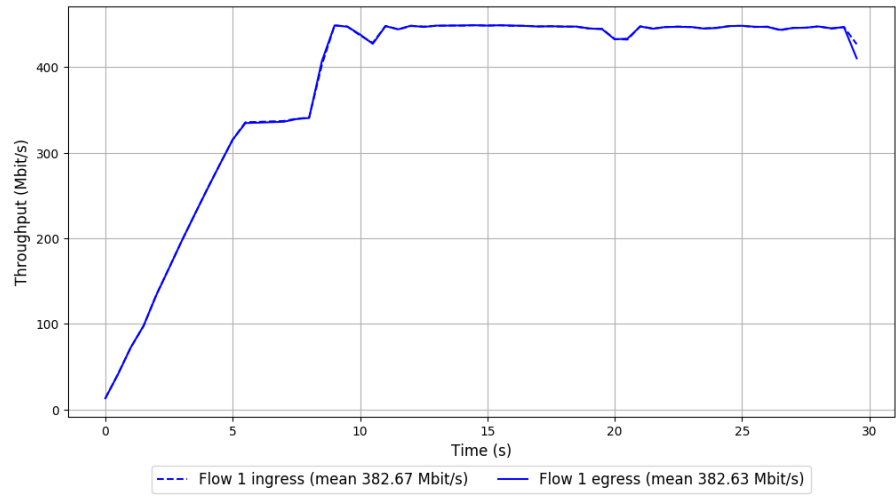


Run 5: Statistics of LEDBAT

Start at: 2018-02-27 13:03:08
End at: 2018-02-27 13:03:38
Local clock offset: 0.678 ms
Remote clock offset: -5.424 ms

Below is generated by plot.py at 2018-02-27 20:47:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 382.63 Mbit/s
95th percentile per-packet one-way delay: 5.313 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 382.63 Mbit/s
95th percentile per-packet one-way delay: 5.313 ms
Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link

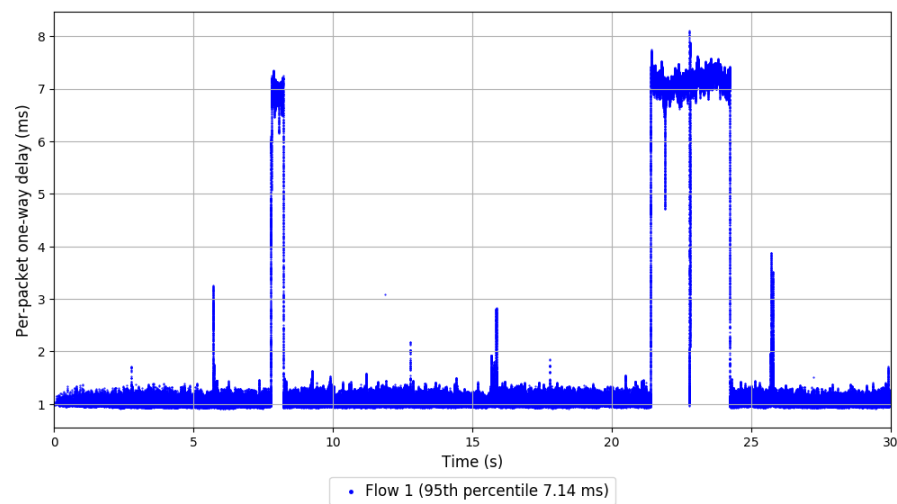
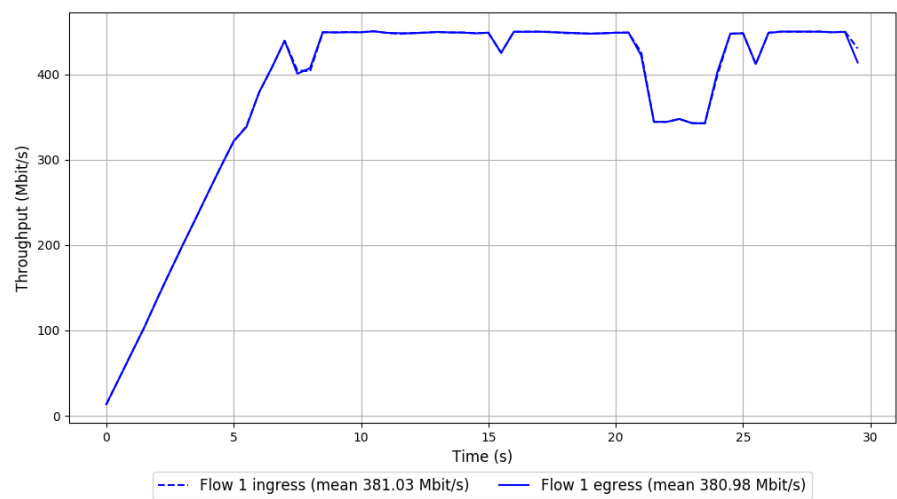


Run 6: Statistics of LEDBAT

Start at: 2018-02-27 13:30:52
End at: 2018-02-27 13:31:22
Local clock offset: 0.764 ms
Remote clock offset: -5.199 ms

Below is generated by plot.py at 2018-02-27 20:47:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 380.98 Mbit/s
95th percentile per-packet one-way delay: 7.136 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 380.98 Mbit/s
95th percentile per-packet one-way delay: 7.136 ms
Loss rate: 0.08%

Run 6: Report of LEDBAT — Data Link

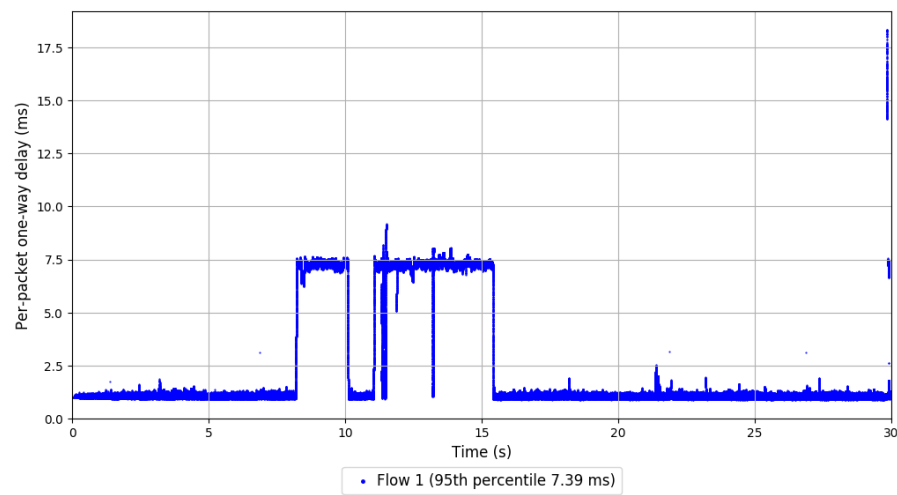
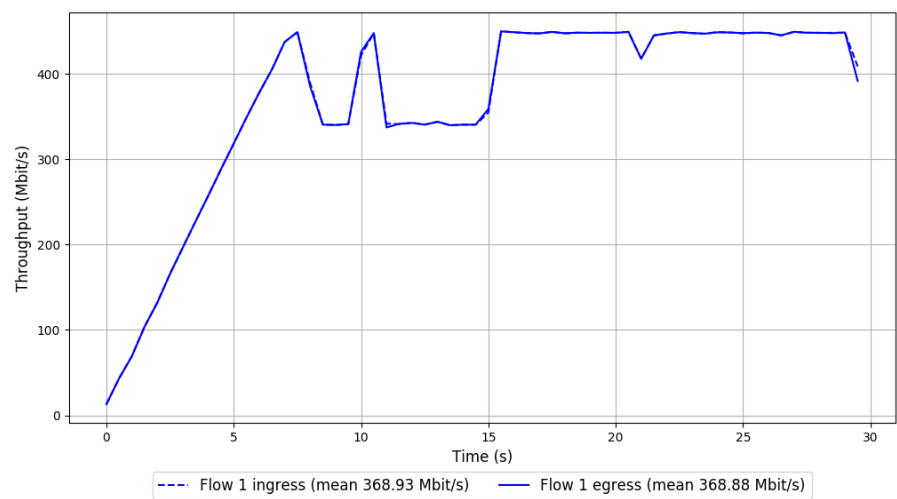


Run 7: Statistics of LEDBAT

Start at: 2018-02-27 13:58:56
End at: 2018-02-27 13:59:26
Local clock offset: 0.721 ms
Remote clock offset: -5.661 ms

Below is generated by plot.py at 2018-02-27 20:47:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 368.88 Mbit/s
95th percentile per-packet one-way delay: 7.388 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 368.88 Mbit/s
95th percentile per-packet one-way delay: 7.388 ms
Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-02-27 14:27:00

End at: 2018-02-27 14:27:30

Local clock offset: 0.444 ms

Remote clock offset: -6.74 ms

Below is generated by plot.py at 2018-02-27 20:47:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 316.94 Mbit/s

95th percentile per-packet one-way delay: 1.178 ms

Loss rate: 0.09%

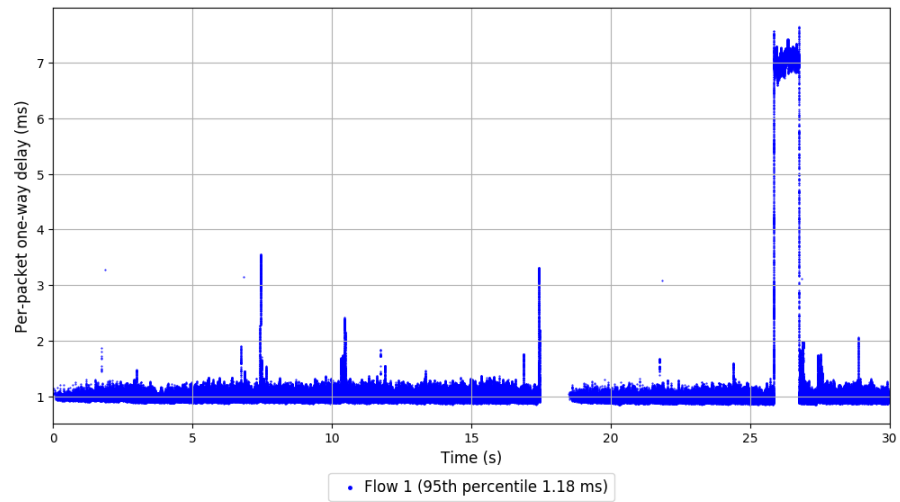
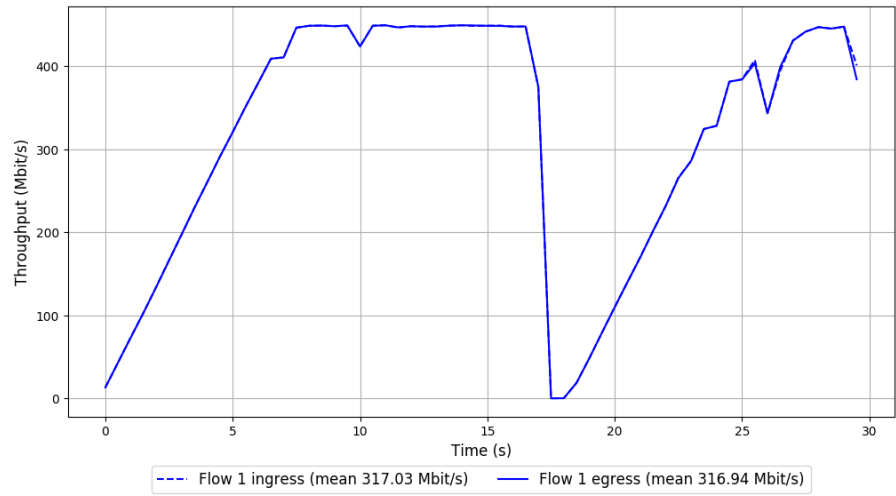
-- Flow 1:

Average throughput: 316.94 Mbit/s

95th percentile per-packet one-way delay: 1.178 ms

Loss rate: 0.09%

Run 8: Report of LEDBAT — Data Link

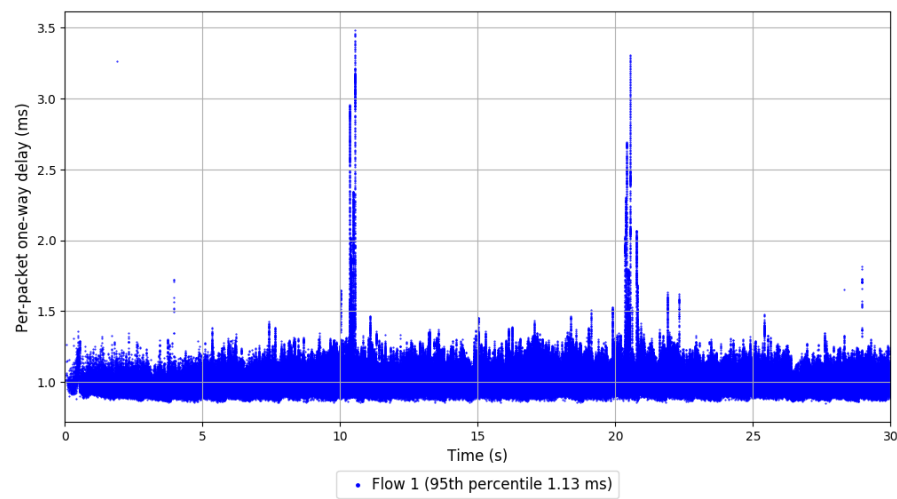
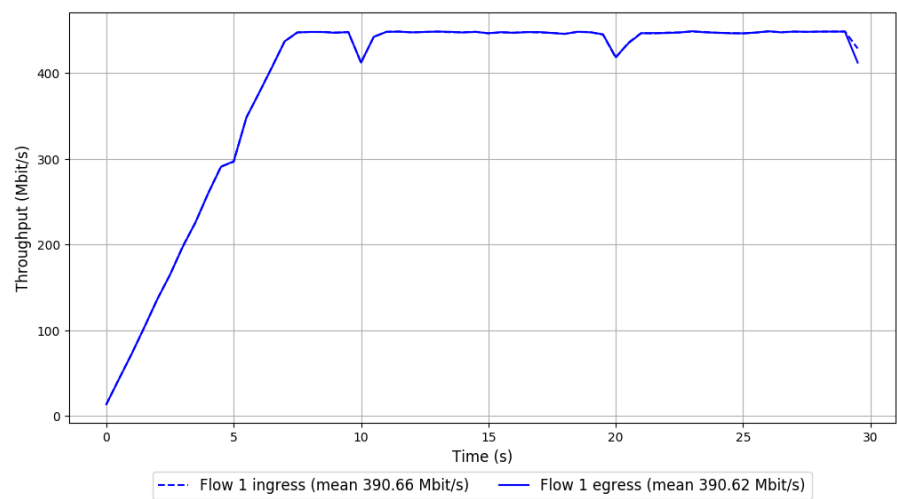


Run 9: Statistics of LEDBAT

Start at: 2018-02-27 14:54:36
End at: 2018-02-27 14:55:06
Local clock offset: 0.947 ms
Remote clock offset: -5.916 ms

Below is generated by plot.py at 2018-02-27 20:47:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.62 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 390.62 Mbit/s
95th percentile per-packet one-way delay: 1.129 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link

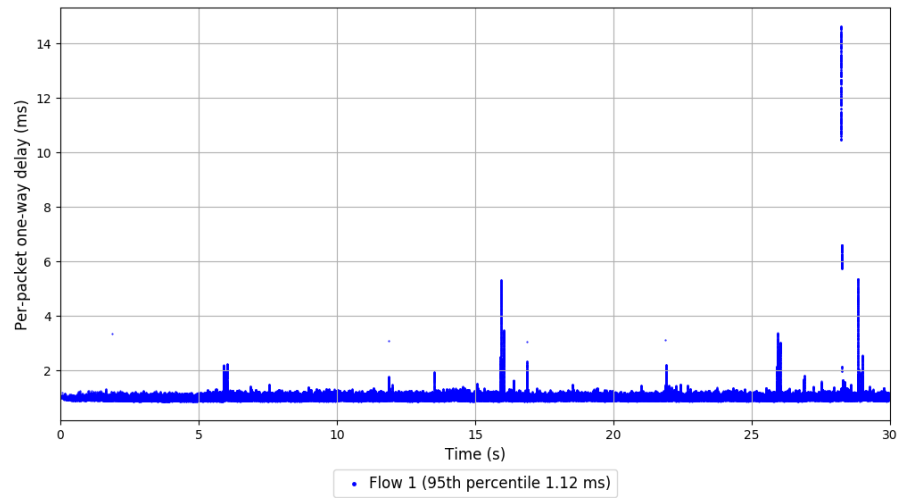
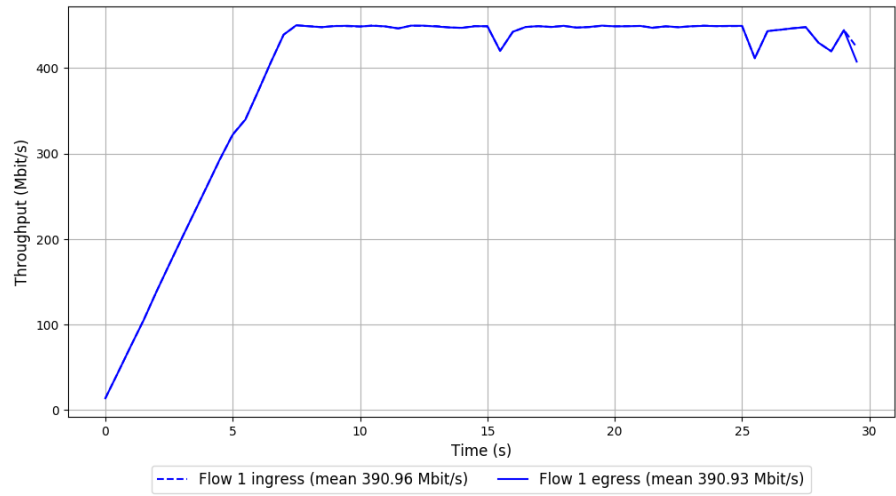


Run 10: Statistics of LEDBAT

Start at: 2018-02-27 15:22:20
End at: 2018-02-27 15:22:50
Local clock offset: 0.803 ms
Remote clock offset: -5.755 ms

Below is generated by plot.py at 2018-02-27 20:49:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.93 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 390.93 Mbit/s
95th percentile per-packet one-way delay: 1.125 ms
Loss rate: 0.08%

Run 10: Report of LEDBAT — Data Link

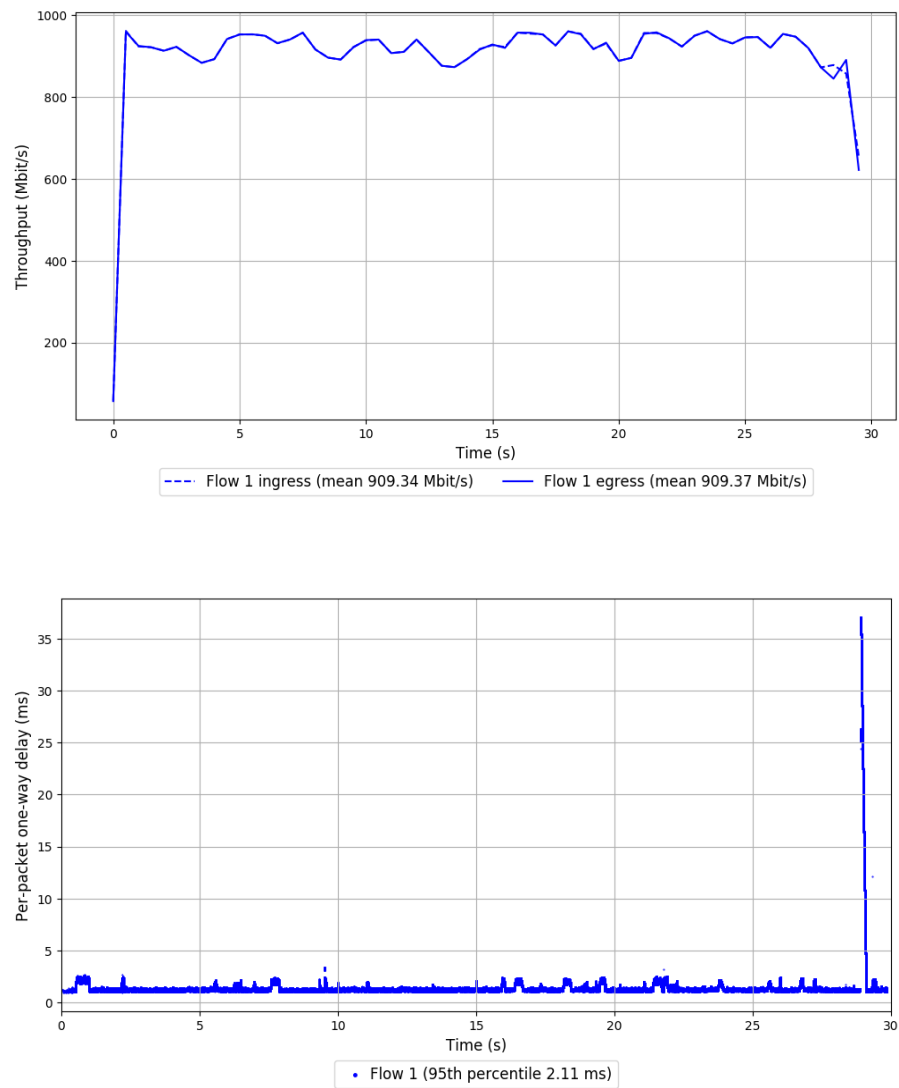


Run 1: Statistics of PCC

Start at: 2018-02-27 11:05:51
End at: 2018-02-27 11:06:21
Local clock offset: 0.367 ms
Remote clock offset: -5.603 ms

Below is generated by plot.py at 2018-02-27 20:57:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 909.37 Mbit/s
95th percentile per-packet one-way delay: 2.114 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 909.37 Mbit/s
95th percentile per-packet one-way delay: 2.114 ms
Loss rate: 0.06%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-27 11:33:37

End at: 2018-02-27 11:34:07

Local clock offset: -0.738 ms

Remote clock offset: -6.11 ms

Below is generated by plot.py at 2018-02-27 20:58:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 924.20 Mbit/s

95th percentile per-packet one-way delay: 2.130 ms

Loss rate: 0.07%

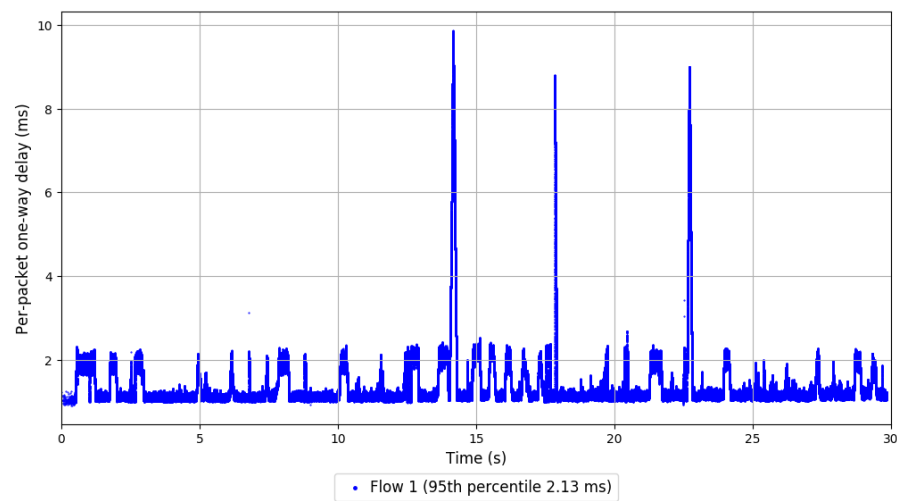
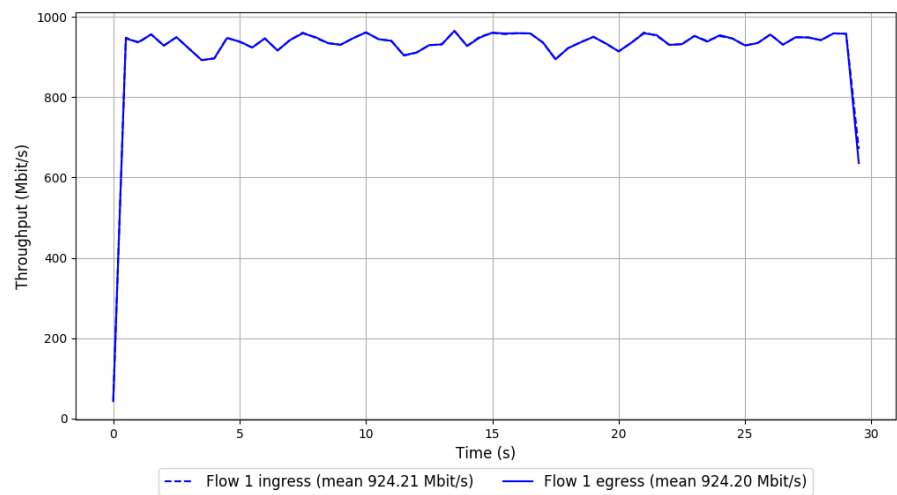
-- Flow 1:

Average throughput: 924.20 Mbit/s

95th percentile per-packet one-way delay: 2.130 ms

Loss rate: 0.07%

Run 2: Report of PCC — Data Link

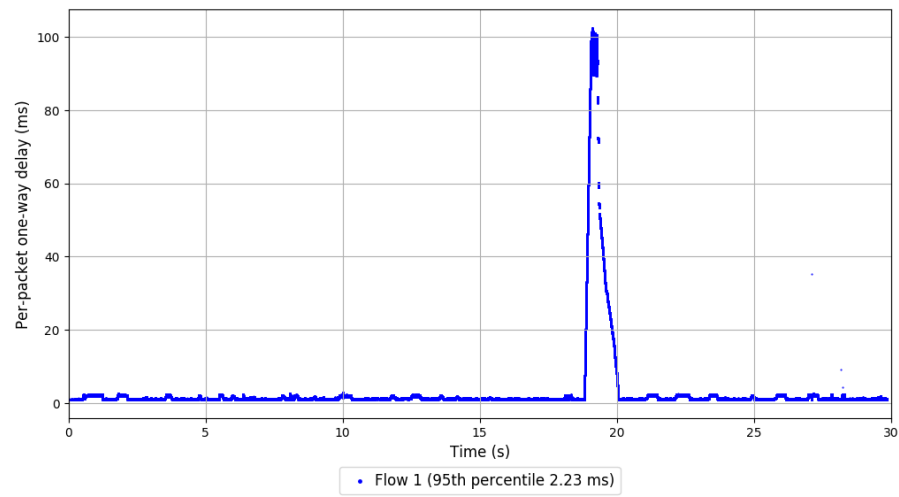
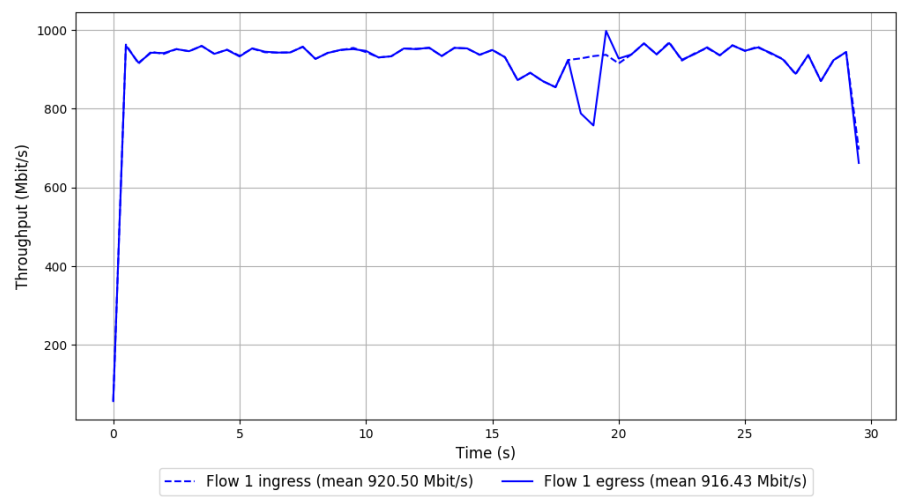


Run 3: Statistics of PCC

Start at: 2018-02-27 12:01:21
End at: 2018-02-27 12:01:51
Local clock offset: 2.161 ms
Remote clock offset: -4.954 ms

Below is generated by plot.py at 2018-02-27 21:00:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 916.43 Mbit/s
95th percentile per-packet one-way delay: 2.232 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 916.43 Mbit/s
95th percentile per-packet one-way delay: 2.232 ms
Loss rate: 0.51%

Run 3: Report of PCC — Data Link

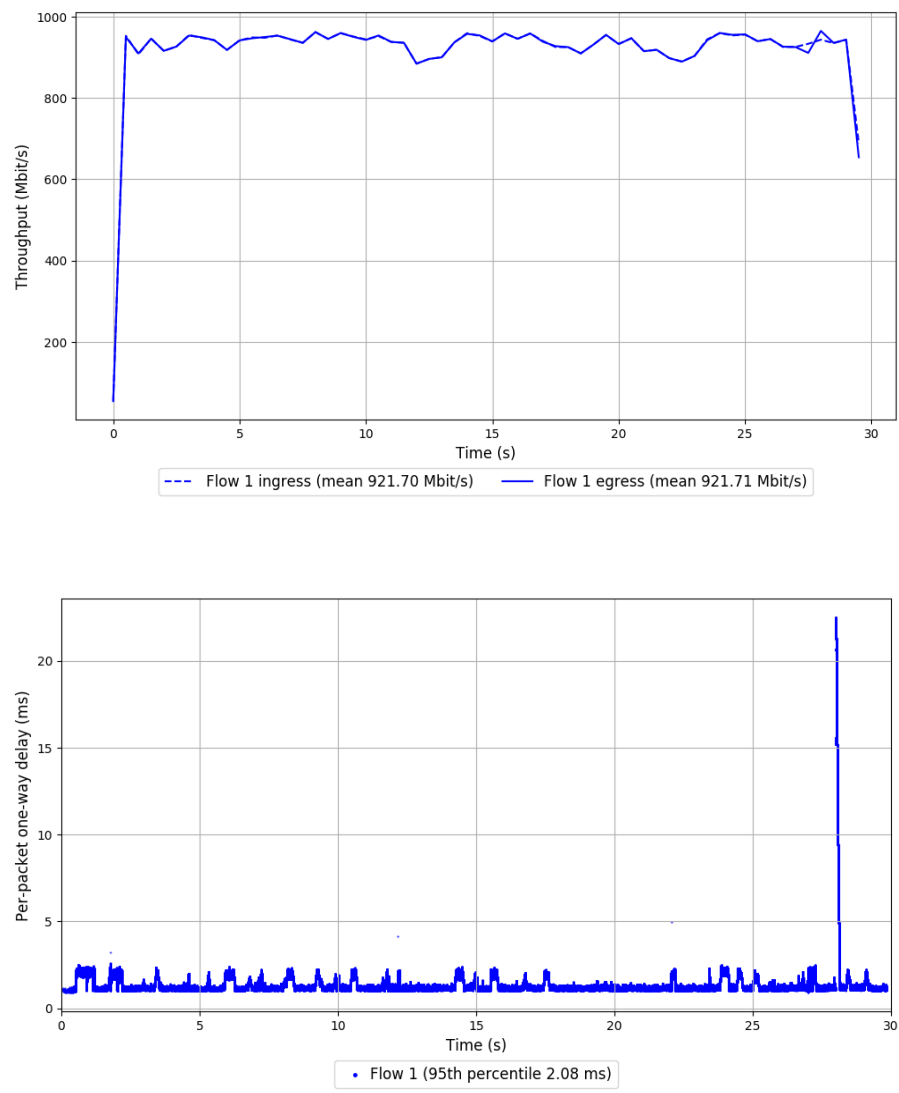


Run 4: Statistics of PCC

Start at: 2018-02-27 12:29:07
End at: 2018-02-27 12:29:37
Local clock offset: 0.774 ms
Remote clock offset: -5.513 ms

Below is generated by plot.py at 2018-02-27 21:00:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 921.71 Mbit/s
95th percentile per-packet one-way delay: 2.084 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 921.71 Mbit/s
95th percentile per-packet one-way delay: 2.084 ms
Loss rate: 0.07%

Run 4: Report of PCC — Data Link

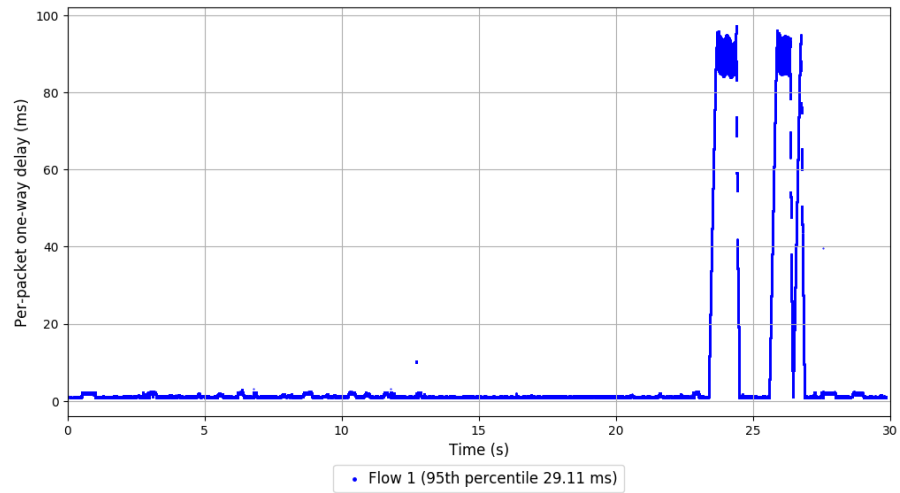
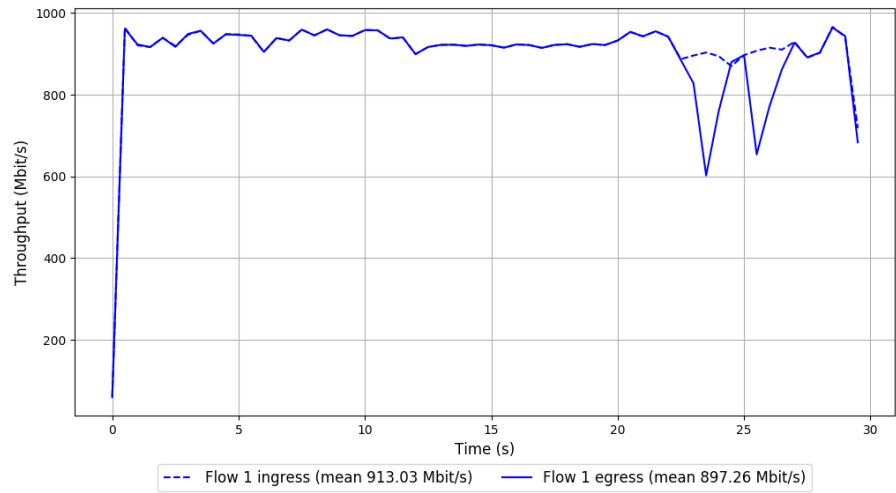


Run 5: Statistics of PCC

Start at: 2018-02-27 12:56:46
End at: 2018-02-27 12:57:16
Local clock offset: 0.653 ms
Remote clock offset: -5.338 ms

Below is generated by plot.py at 2018-02-27 21:00:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 897.26 Mbit/s
95th percentile per-packet one-way delay: 29.105 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 897.26 Mbit/s
95th percentile per-packet one-way delay: 29.105 ms
Loss rate: 1.79%

Run 5: Report of PCC — Data Link

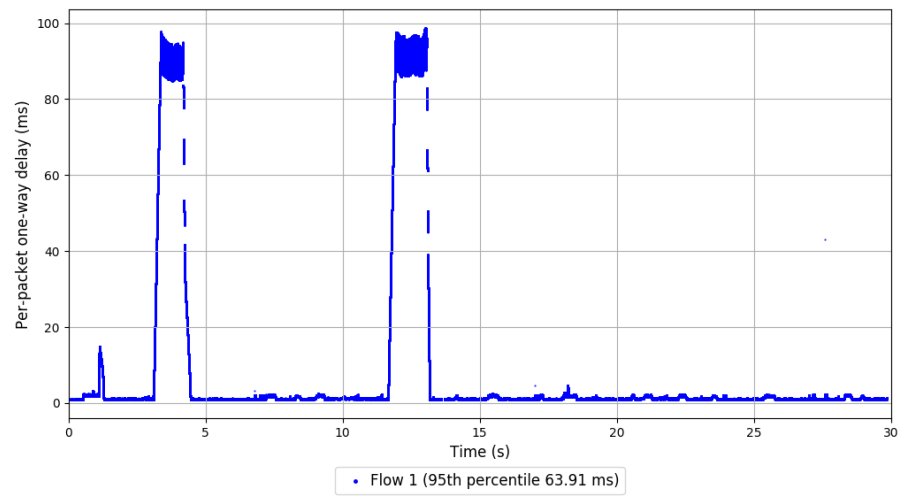
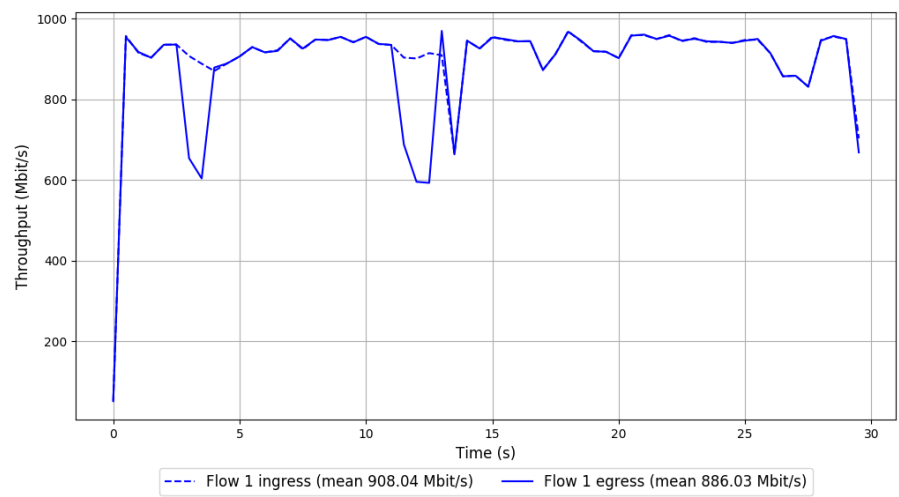


Run 6: Statistics of PCC

Start at: 2018-02-27 13:24:31
End at: 2018-02-27 13:25:01
Local clock offset: 0.597 ms
Remote clock offset: -5.256 ms

Below is generated by plot.py at 2018-02-27 21:00:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 886.03 Mbit/s
95th percentile per-packet one-way delay: 63.911 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 886.03 Mbit/s
95th percentile per-packet one-way delay: 63.911 ms
Loss rate: 2.49%

Run 6: Report of PCC — Data Link

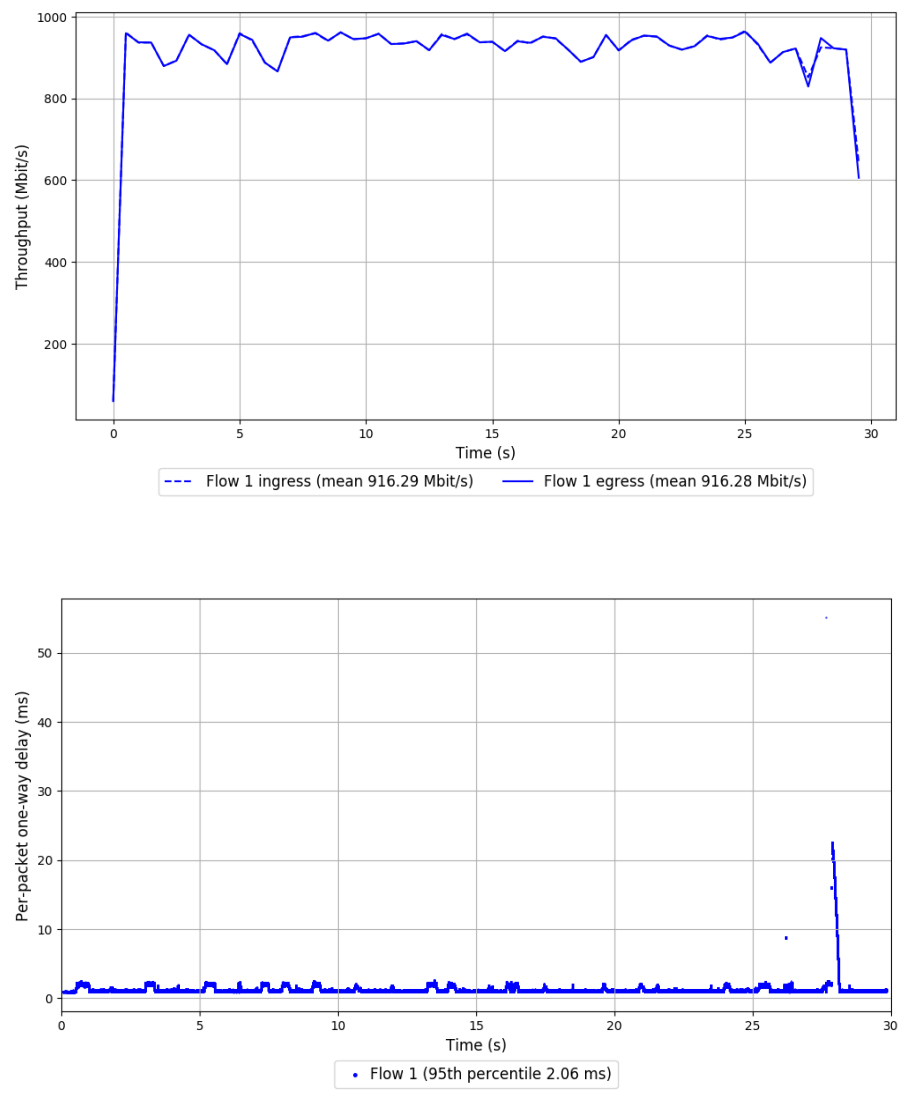


Run 7: Statistics of PCC

Start at: 2018-02-27 13:52:31
End at: 2018-02-27 13:53:01
Local clock offset: 0.662 ms
Remote clock offset: -4.966 ms

Below is generated by plot.py at 2018-02-27 21:01:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 916.28 Mbit/s
95th percentile per-packet one-way delay: 2.062 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 916.28 Mbit/s
95th percentile per-packet one-way delay: 2.062 ms
Loss rate: 0.07%

Run 7: Report of PCC — Data Link

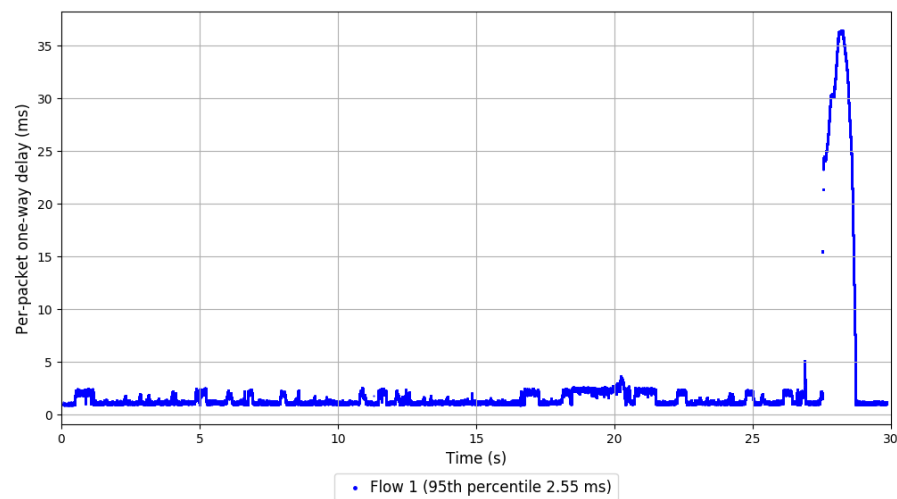
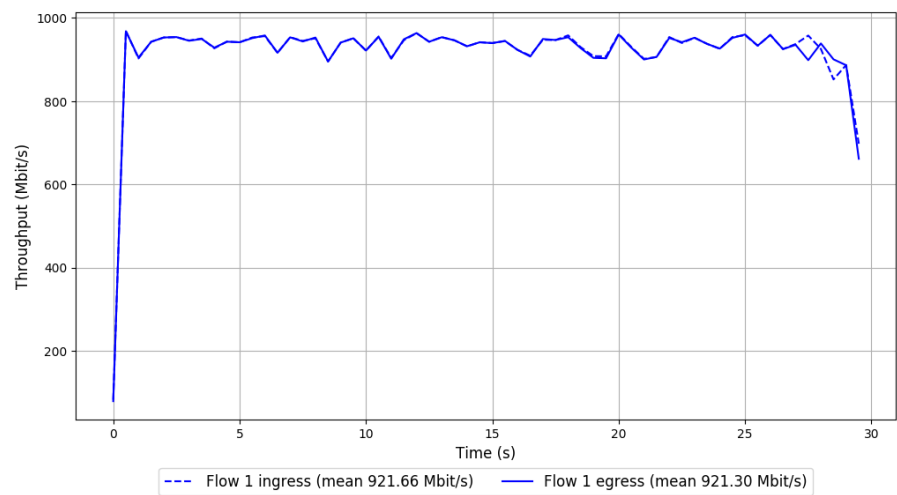


Run 8: Statistics of PCC

Start at: 2018-02-27 14:20:41
End at: 2018-02-27 14:21:11
Local clock offset: 0.553 ms
Remote clock offset: -6.552 ms

Below is generated by plot.py at 2018-02-27 21:03:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 921.30 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 921.30 Mbit/s
95th percentile per-packet one-way delay: 2.548 ms
Loss rate: 0.11%

Run 8: Report of PCC — Data Link

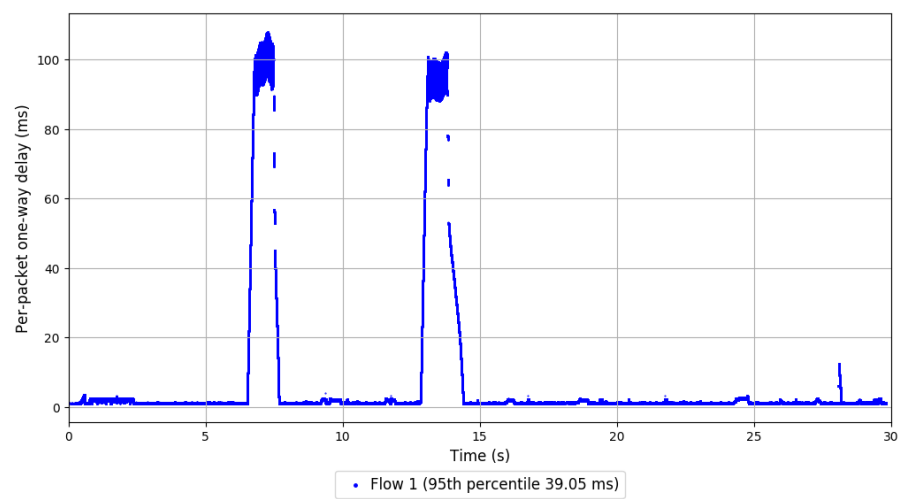
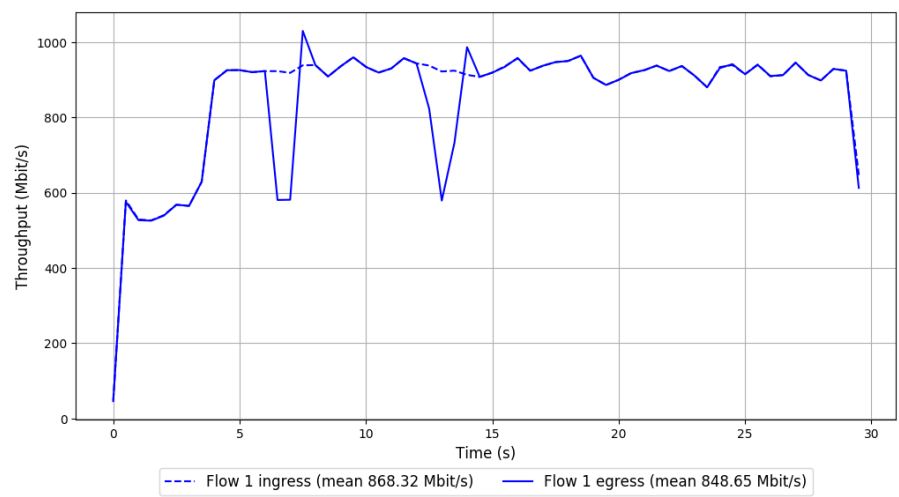


Run 9: Statistics of PCC

Start at: 2018-02-27 14:48:17
End at: 2018-02-27 14:48:47
Local clock offset: 1.0 ms
Remote clock offset: -6.003 ms

Below is generated by plot.py at 2018-02-27 21:10:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 848.65 Mbit/s
95th percentile per-packet one-way delay: 39.048 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 848.65 Mbit/s
95th percentile per-packet one-way delay: 39.048 ms
Loss rate: 2.33%

Run 9: Report of PCC — Data Link

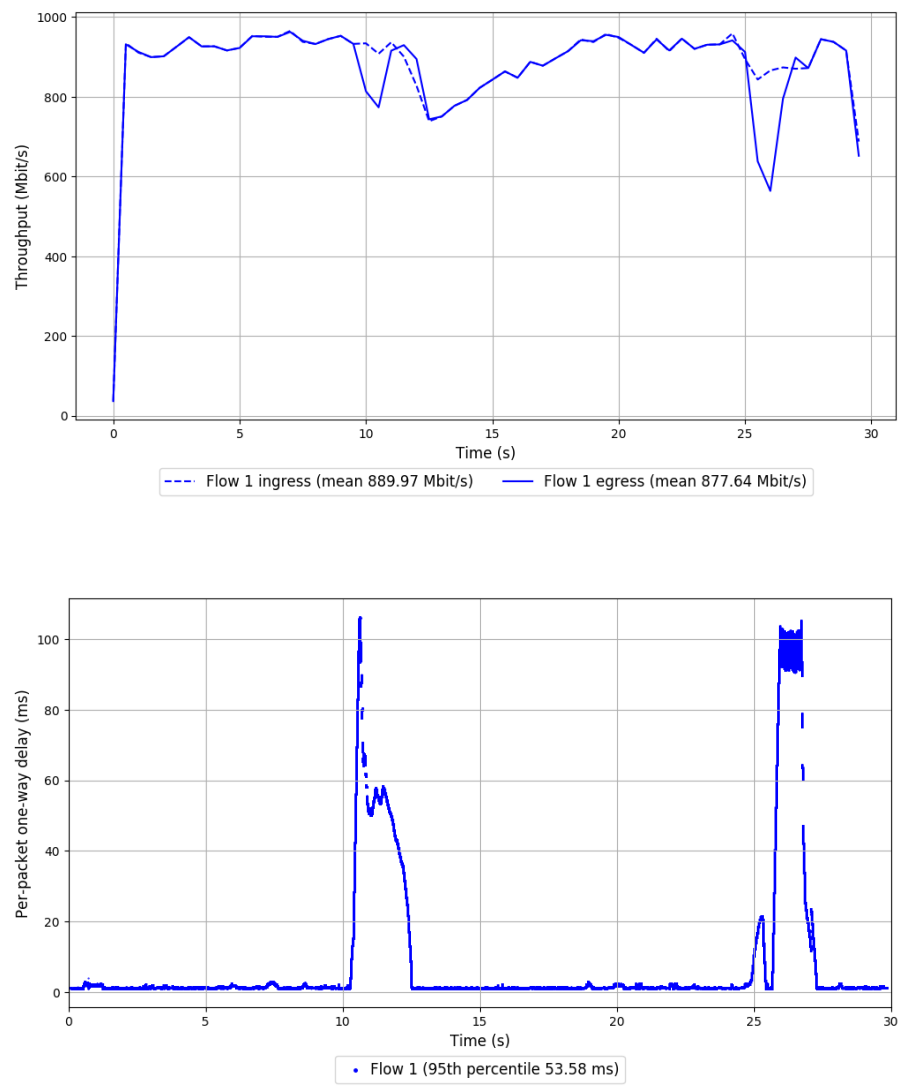


Run 10: Statistics of PCC

Start at: 2018-02-27 15:16:05
End at: 2018-02-27 15:16:36
Local clock offset: 0.927 ms
Remote clock offset: -5.831 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 877.64 Mbit/s
95th percentile per-packet one-way delay: 53.575 ms
Loss rate: 1.45%
-- Flow 1:
Average throughput: 877.64 Mbit/s
95th percentile per-packet one-way delay: 53.575 ms
Loss rate: 1.45%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-27 10:57:59

End at: 2018-02-27 10:58:29

Local clock offset: 0.913 ms

Remote clock offset: -5.38 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.07%

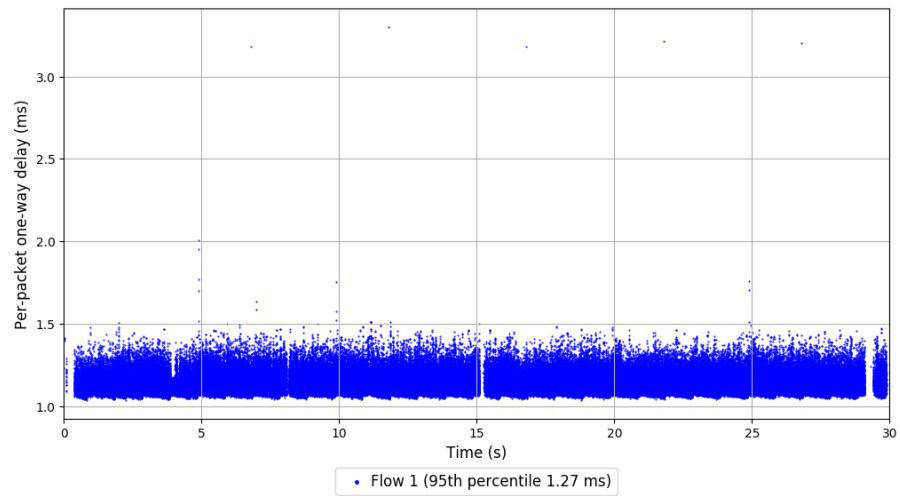
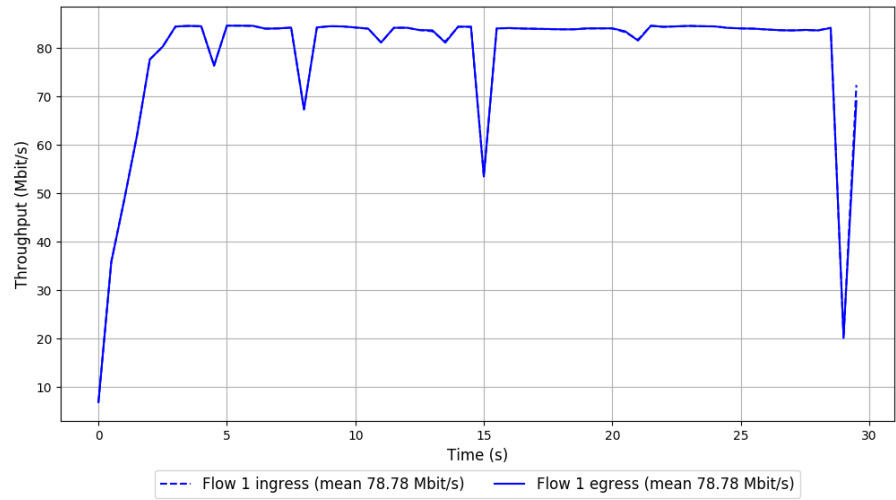
-- Flow 1:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 1.269 ms

Loss rate: 0.07%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-27 11:25:45

End at: 2018-02-27 11:26:15

Local clock offset: -0.584 ms

Remote clock offset: -6.069 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.94 Mbit/s

95th percentile per-packet one-way delay: 1.094 ms

Loss rate: 0.07%

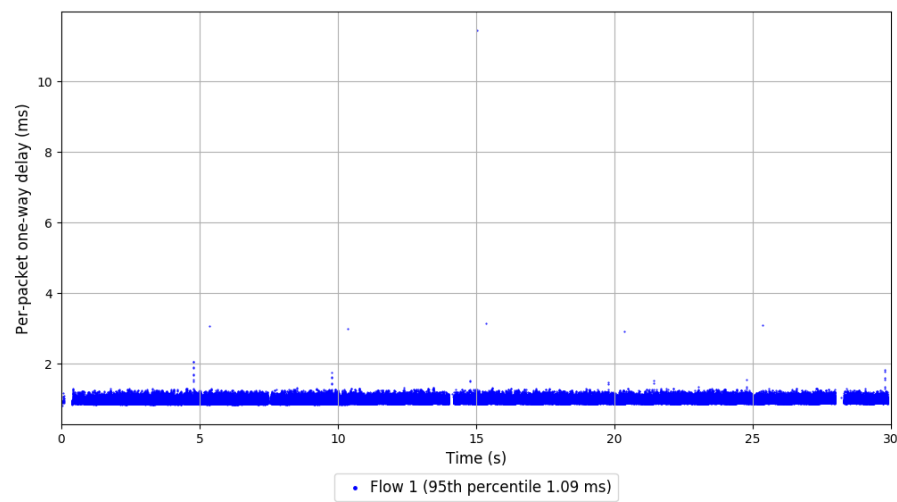
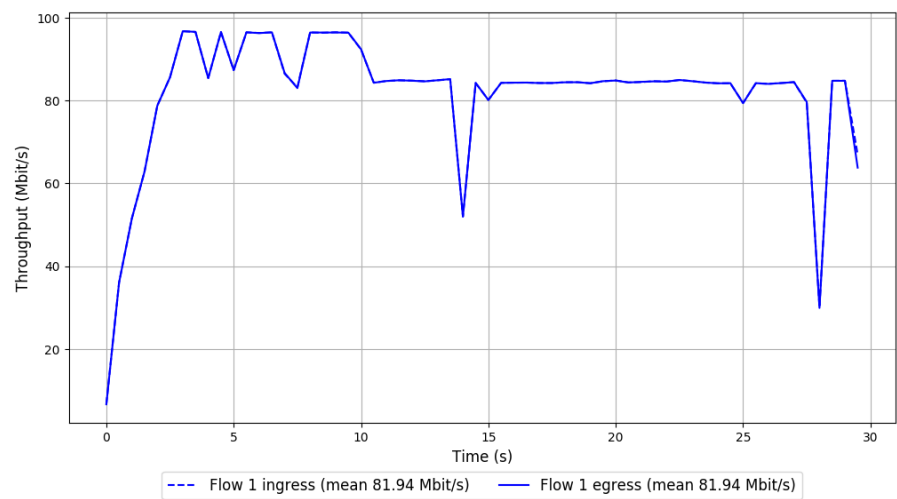
-- Flow 1:

Average throughput: 81.94 Mbit/s

95th percentile per-packet one-way delay: 1.094 ms

Loss rate: 0.07%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-27 11:53:27

End at: 2018-02-27 11:53:57

Local clock offset: 1.738 ms

Remote clock offset: -5.224 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.51 Mbit/s

95th percentile per-packet one-way delay: 1.113 ms

Loss rate: 0.07%

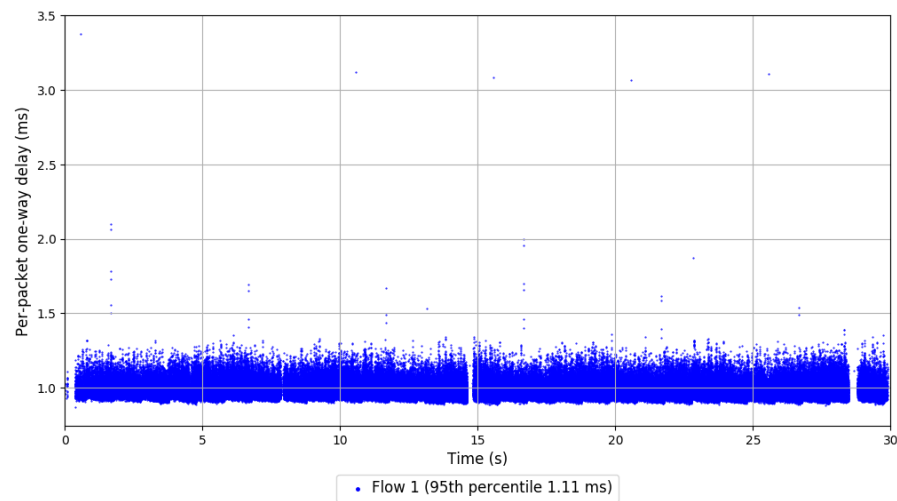
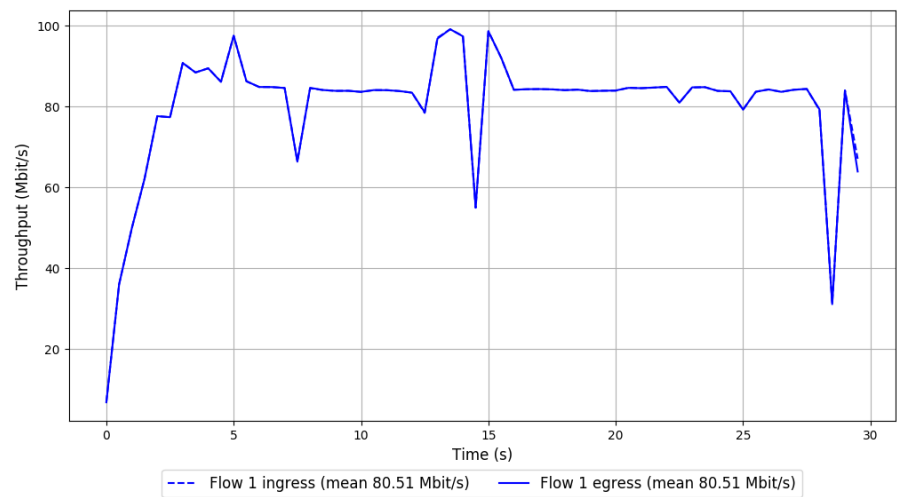
-- Flow 1:

Average throughput: 80.51 Mbit/s

95th percentile per-packet one-way delay: 1.113 ms

Loss rate: 0.07%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-27 12:21:15

End at: 2018-02-27 12:21:45

Local clock offset: 1.125 ms

Remote clock offset: -5.265 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.27 Mbit/s

95th percentile per-packet one-way delay: 1.077 ms

Loss rate: 0.07%

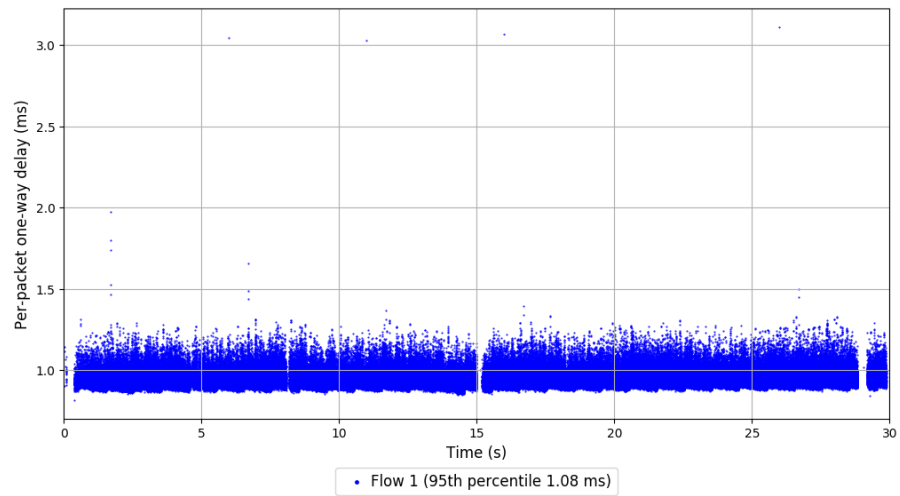
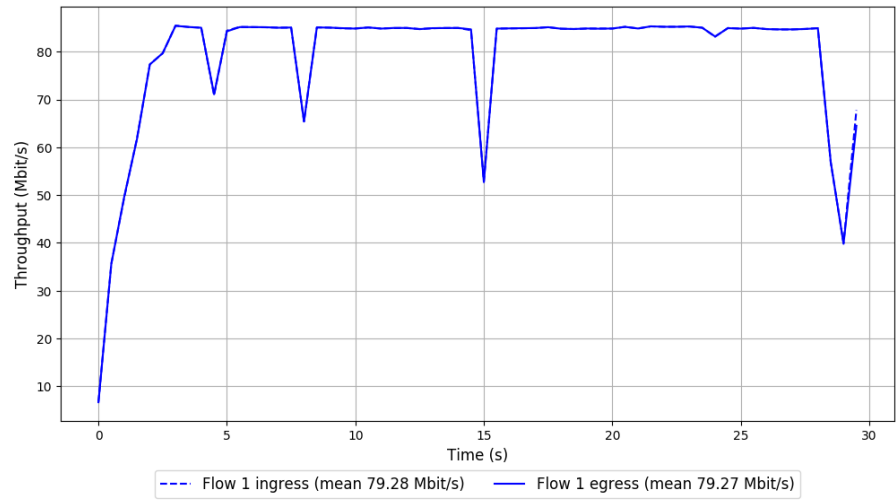
-- Flow 1:

Average throughput: 79.27 Mbit/s

95th percentile per-packet one-way delay: 1.077 ms

Loss rate: 0.07%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-27 12:48:51

End at: 2018-02-27 12:49:21

Local clock offset: 0.526 ms

Remote clock offset: -5.481 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.00 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.07%

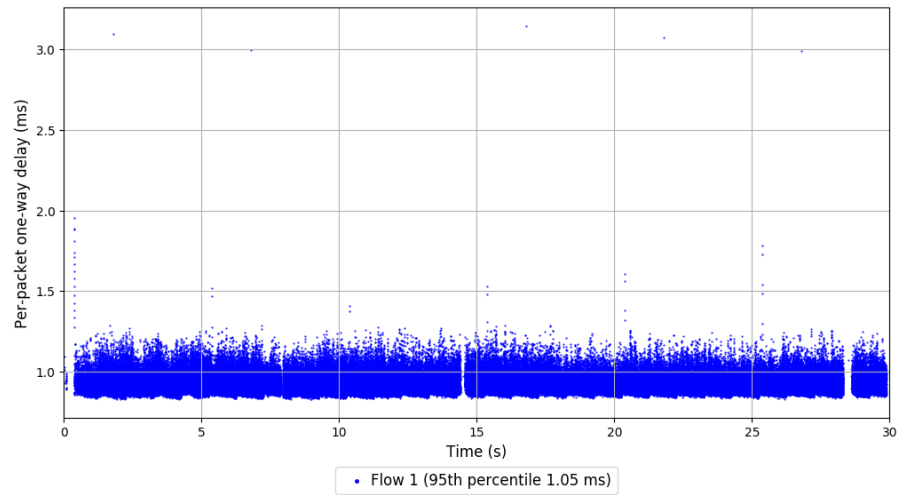
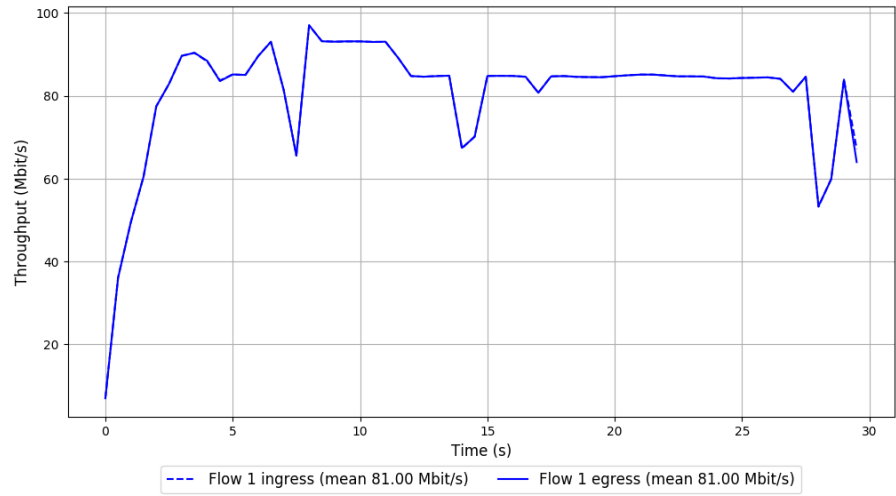
-- Flow 1:

Average throughput: 81.00 Mbit/s

95th percentile per-packet one-way delay: 1.048 ms

Loss rate: 0.07%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-27 13:16:40

End at: 2018-02-27 13:17:10

Local clock offset: 0.485 ms

Remote clock offset: -5.381 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.29 Mbit/s

95th percentile per-packet one-way delay: 1.171 ms

Loss rate: 0.07%

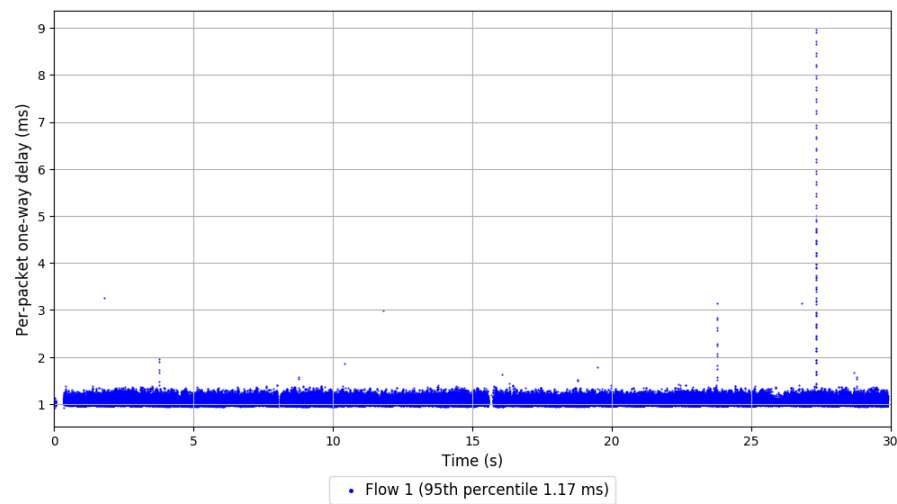
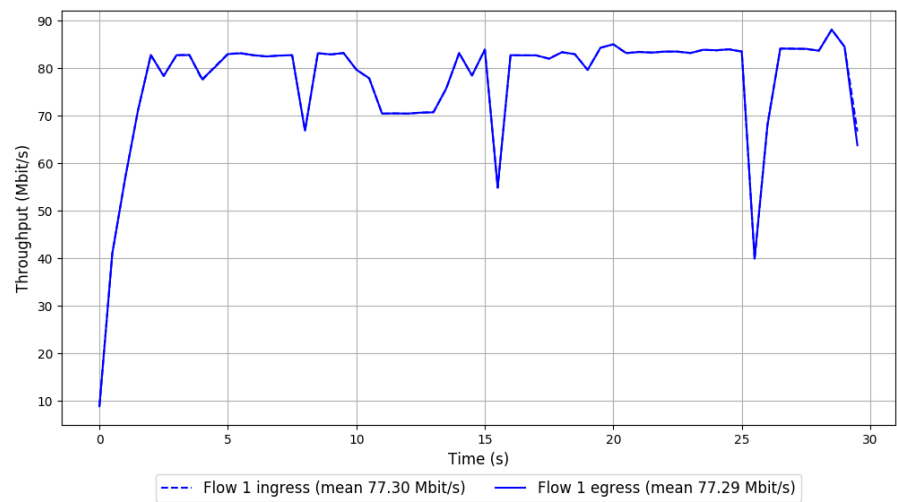
-- Flow 1:

Average throughput: 77.29 Mbit/s

95th percentile per-packet one-way delay: 1.171 ms

Loss rate: 0.07%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-02-27 13:44:32

End at: 2018-02-27 13:45:02

Local clock offset: 0.796 ms

Remote clock offset: -5.147 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.06 Mbit/s

95th percentile per-packet one-way delay: 1.227 ms

Loss rate: 0.08%

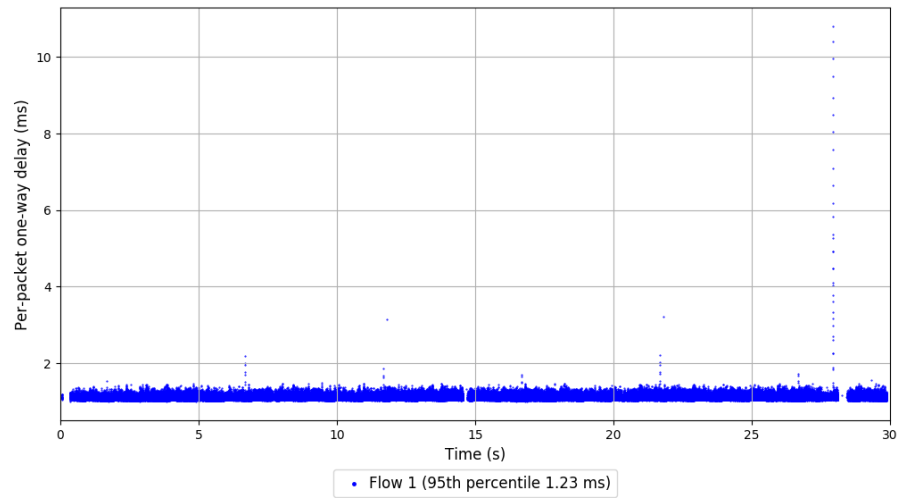
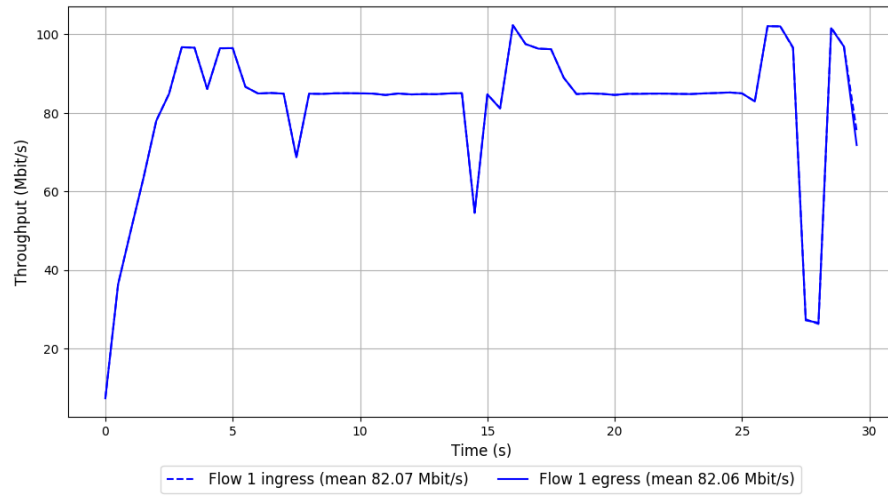
-- Flow 1:

Average throughput: 82.06 Mbit/s

95th percentile per-packet one-way delay: 1.227 ms

Loss rate: 0.08%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-27 14:12:48

End at: 2018-02-27 14:13:18

Local clock offset: 0.518 ms

Remote clock offset: -6.443 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.33 Mbit/s

95th percentile per-packet one-way delay: 1.093 ms

Loss rate: 0.01%

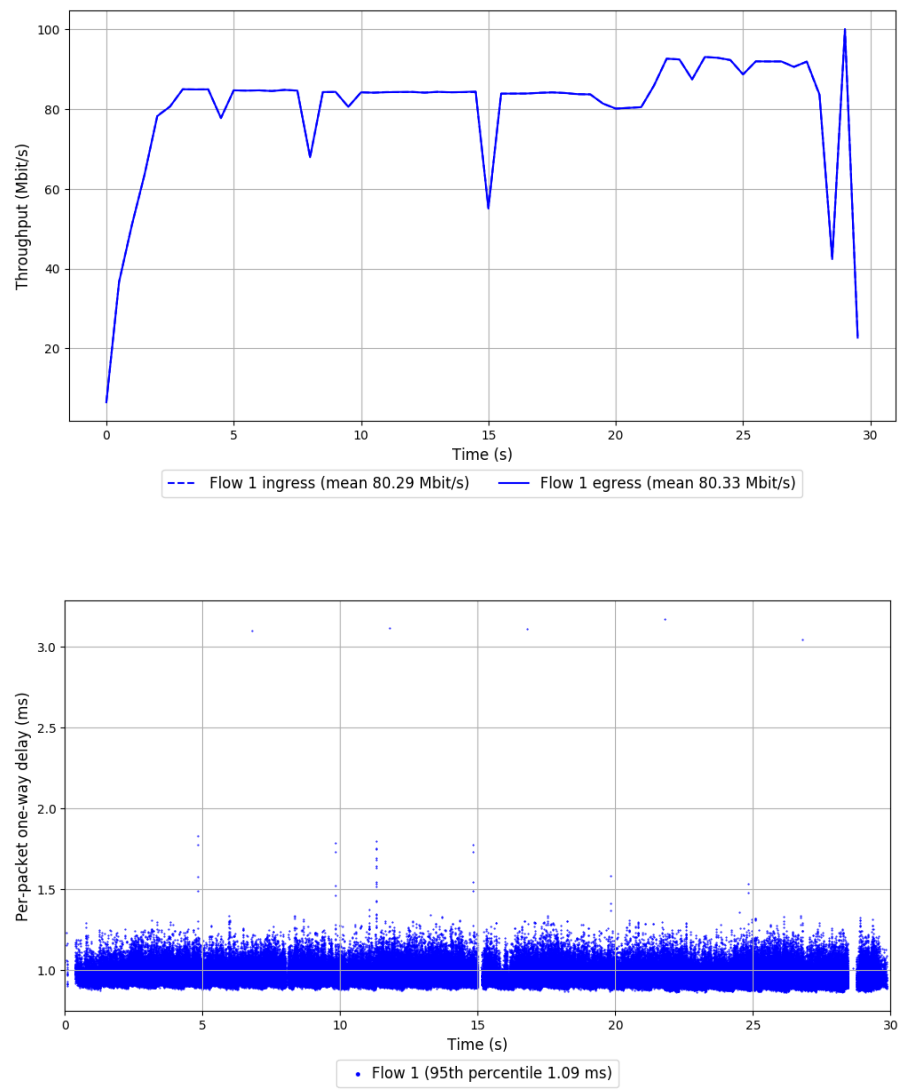
-- Flow 1:

Average throughput: 80.33 Mbit/s

95th percentile per-packet one-way delay: 1.093 ms

Loss rate: 0.01%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-27 14:40:28

End at: 2018-02-27 14:40:58

Local clock offset: 0.939 ms

Remote clock offset: -6.164 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.08 Mbit/s

95th percentile per-packet one-way delay: 1.197 ms

Loss rate: 0.07%

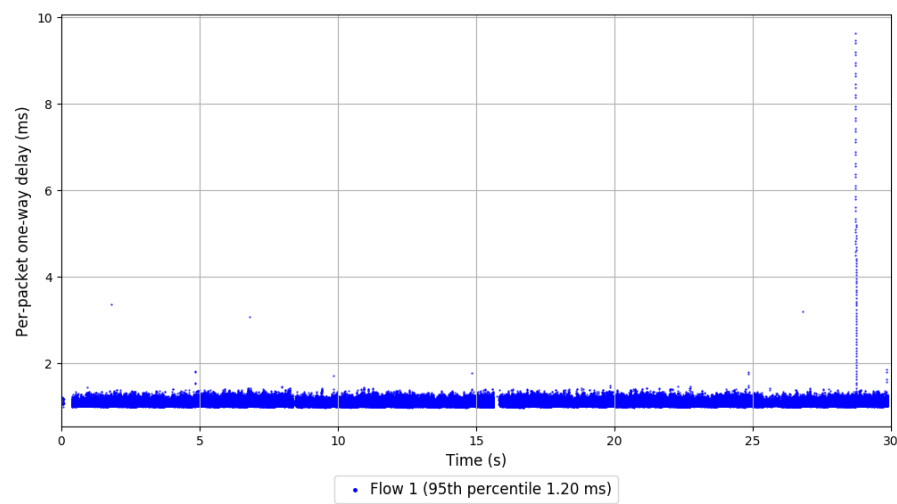
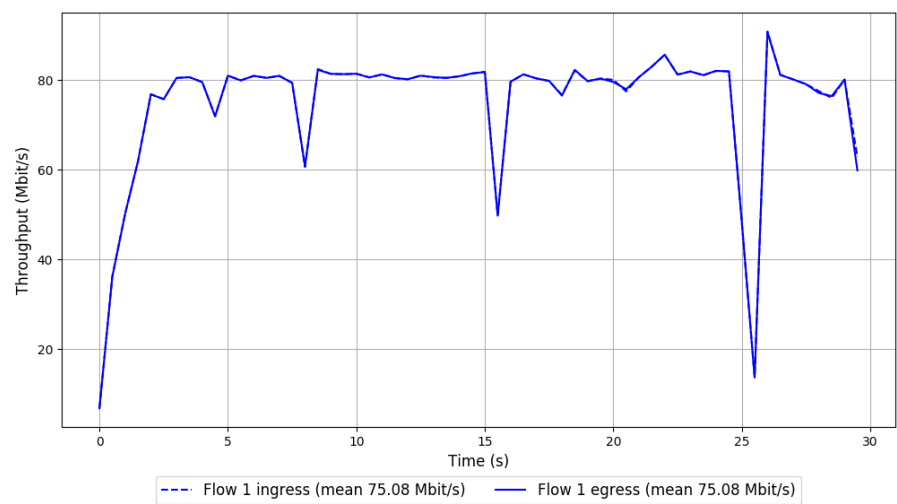
-- Flow 1:

Average throughput: 75.08 Mbit/s

95th percentile per-packet one-way delay: 1.197 ms

Loss rate: 0.07%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-27 15:08:12

End at: 2018-02-27 15:08:42

Local clock offset: 0.968 ms

Remote clock offset: -5.796 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.39 Mbit/s

95th percentile per-packet one-way delay: 1.102 ms

Loss rate: 0.08%

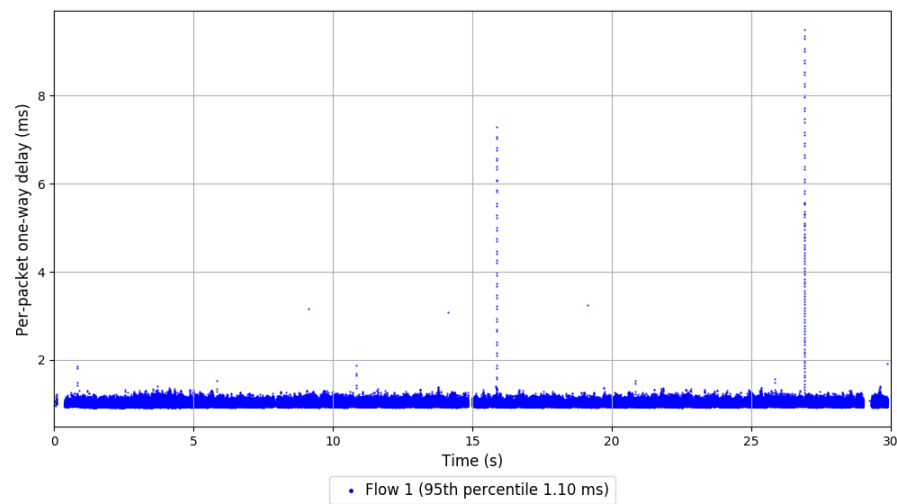
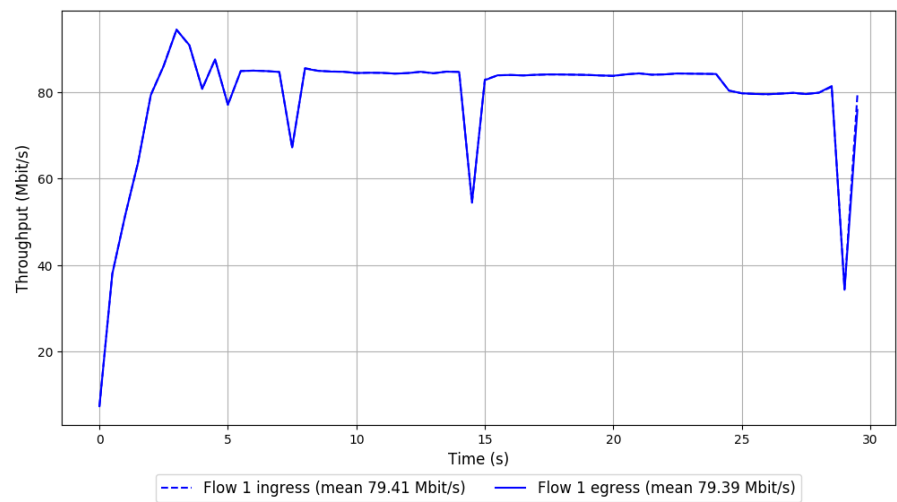
-- Flow 1:

Average throughput: 79.39 Mbit/s

95th percentile per-packet one-way delay: 1.102 ms

Loss rate: 0.08%

Run 10: Report of QUIC Cubic — Data Link

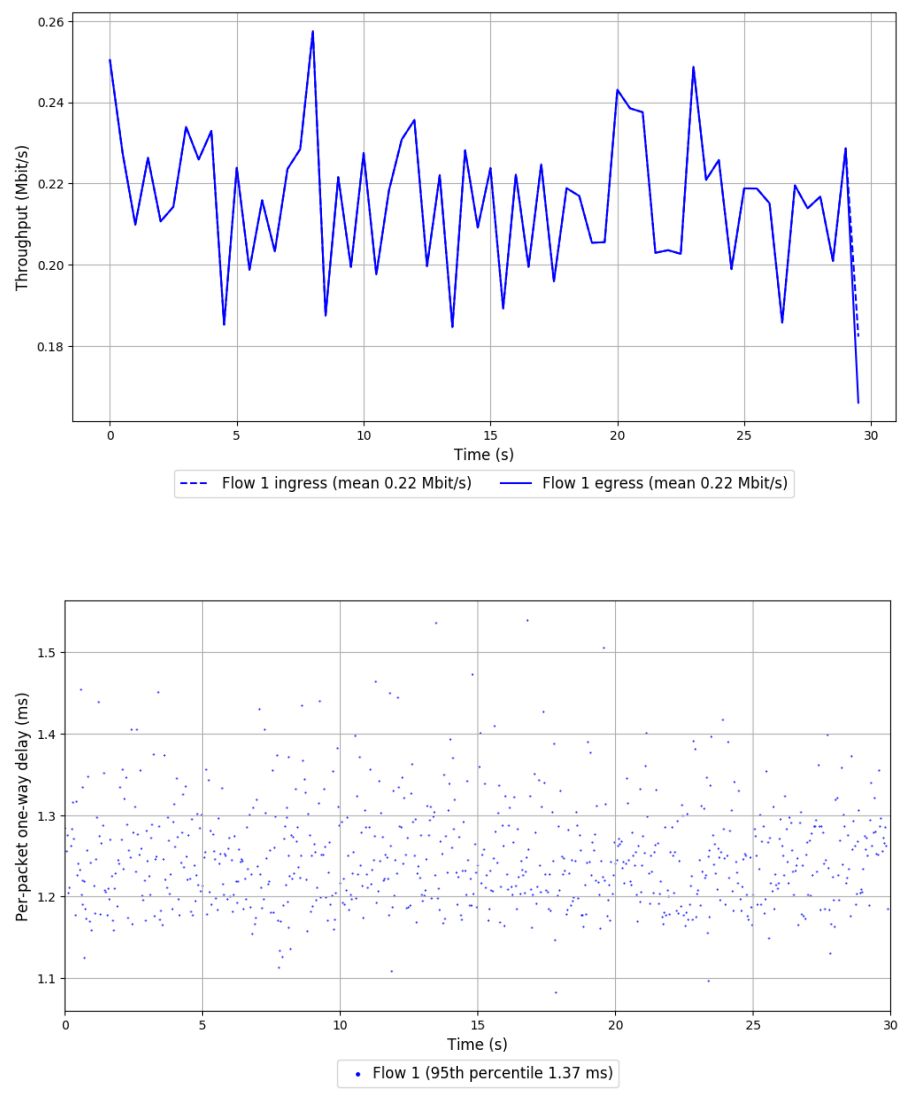


Run 1: Statistics of SCReAM

Start at: 2018-02-27 11:18:42
End at: 2018-02-27 11:19:12
Local clock offset: -0.278 ms
Remote clock offset: -6.059 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.371 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.371 ms
Loss rate: 0.13%

Run 1: Report of SReAM — Data Link

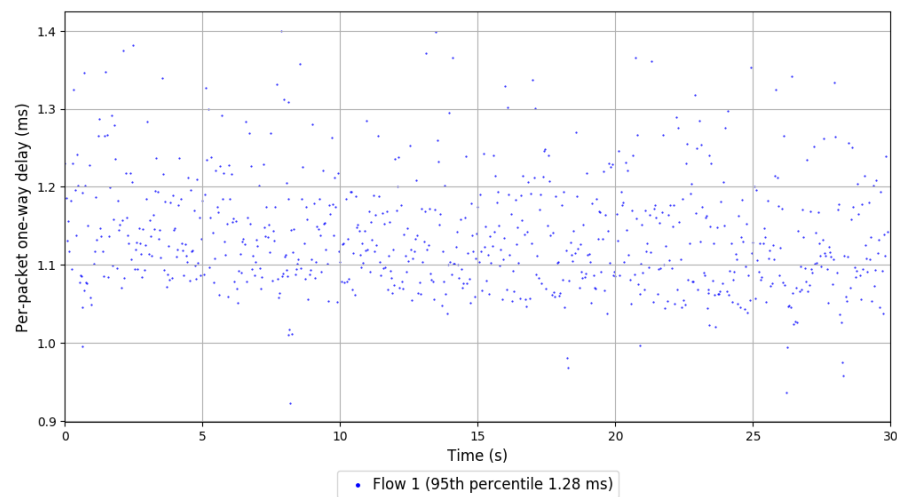
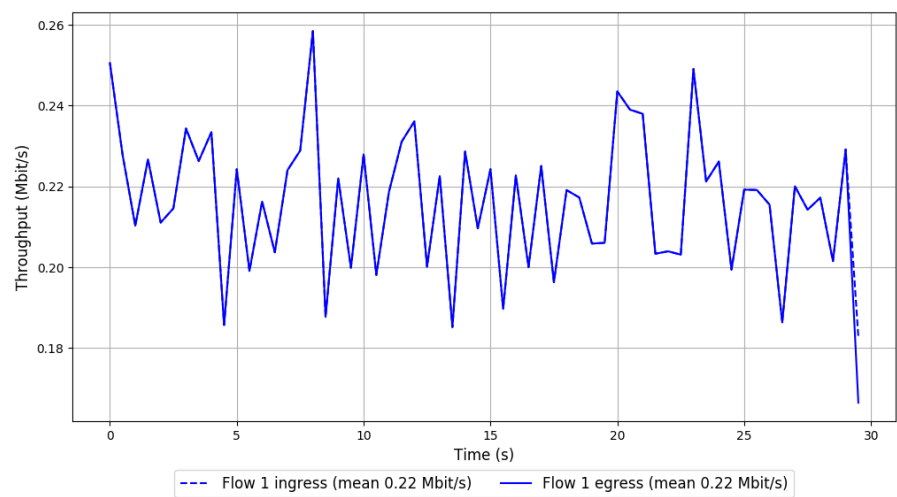


Run 2: Statistics of SCReAM

Start at: 2018-02-27 11:46:32
End at: 2018-02-27 11:47:02
Local clock offset: 1.286 ms
Remote clock offset: -5.433 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.279 ms
Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

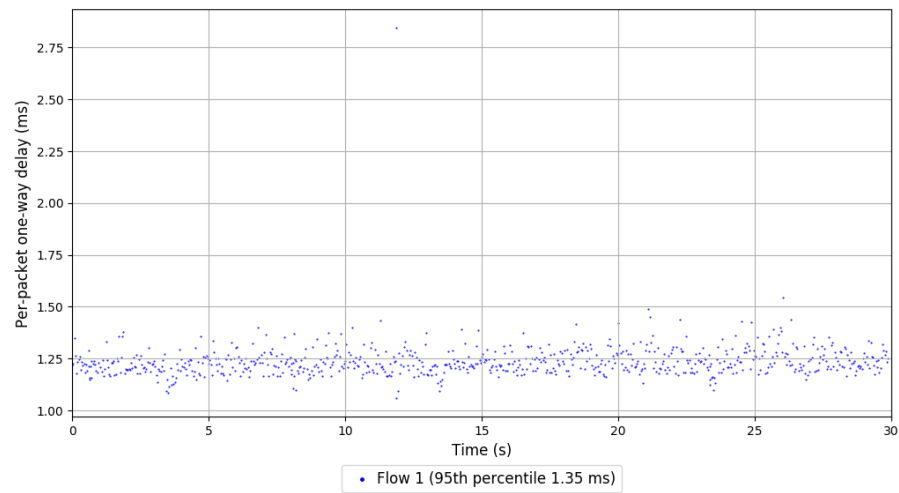
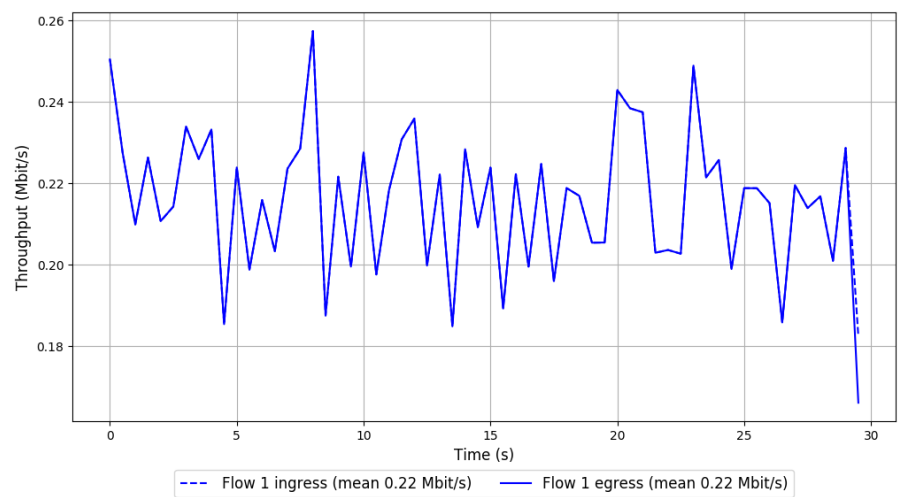


Run 3: Statistics of SCReAM

Start at: 2018-02-27 12:14:16
End at: 2018-02-27 12:14:46
Local clock offset: 1.787 ms
Remote clock offset: -5.061 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.347 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.347 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

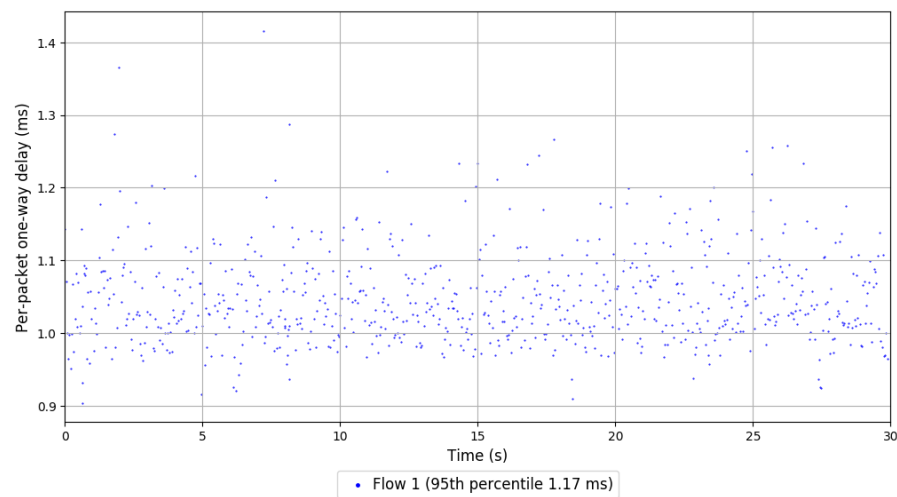
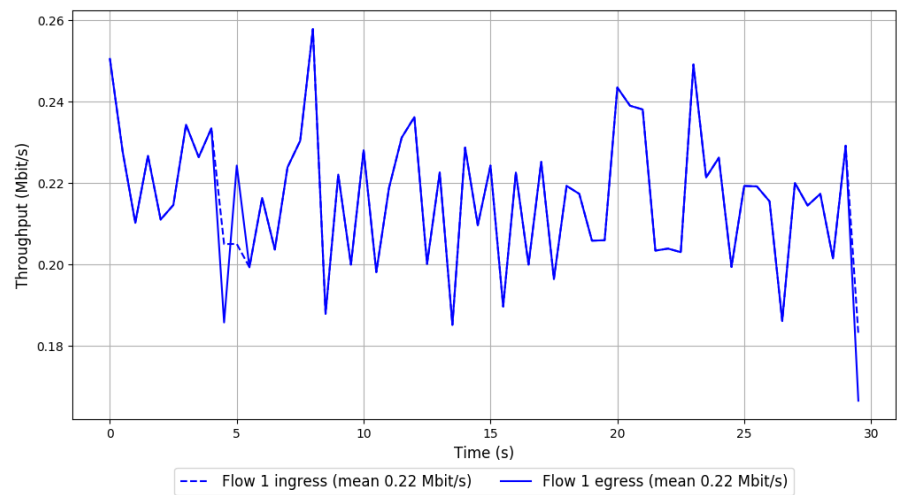


Run 4: Statistics of SCReAM

Start at: 2018-02-27 12:41:53
End at: 2018-02-27 12:42:23
Local clock offset: 0.455 ms
Remote clock offset: -5.496 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.168 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-02-27 13:09:41

End at: 2018-02-27 13:10:11

Local clock offset: 0.537 ms

Remote clock offset: -5.37 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.257 ms

Loss rate: 0.13%

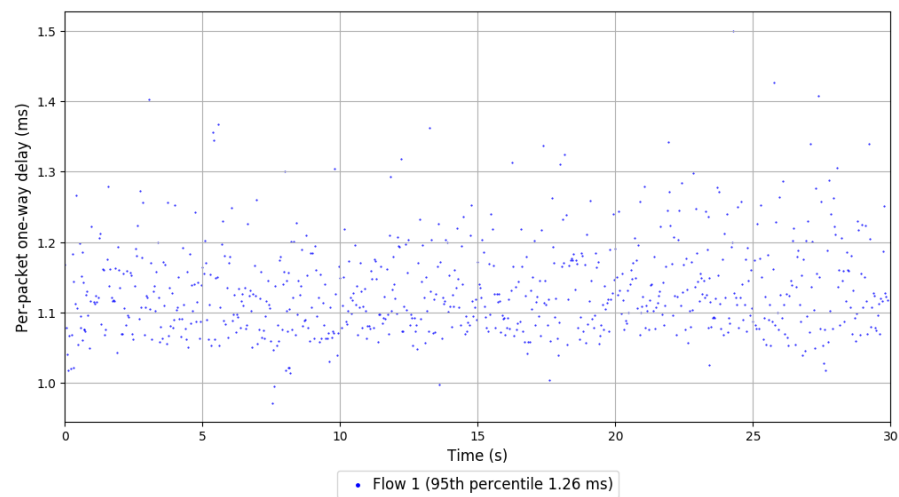
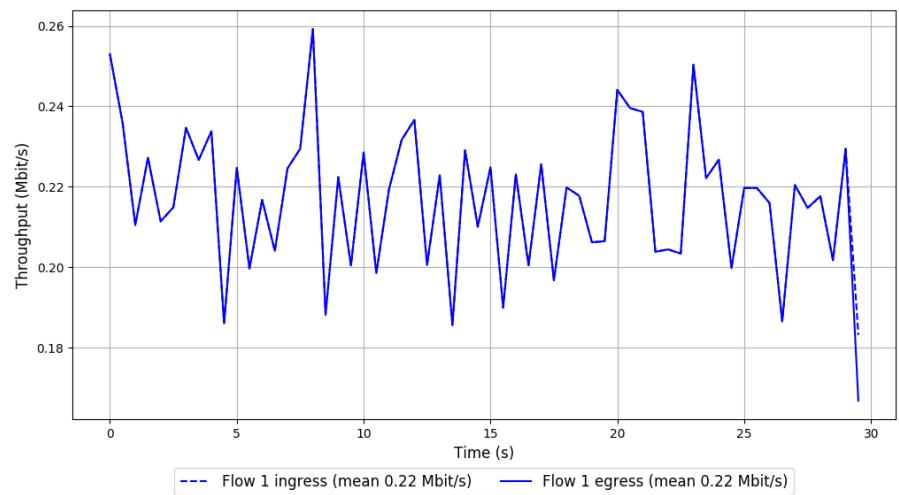
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.257 ms

Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

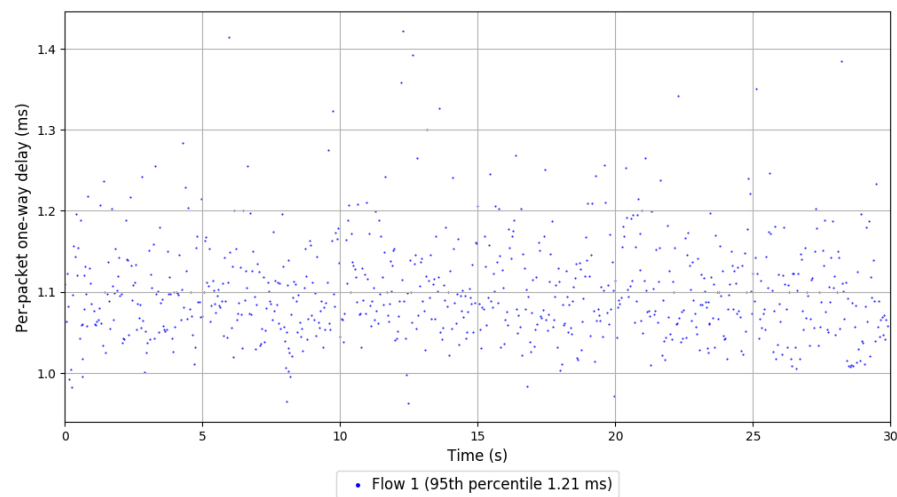
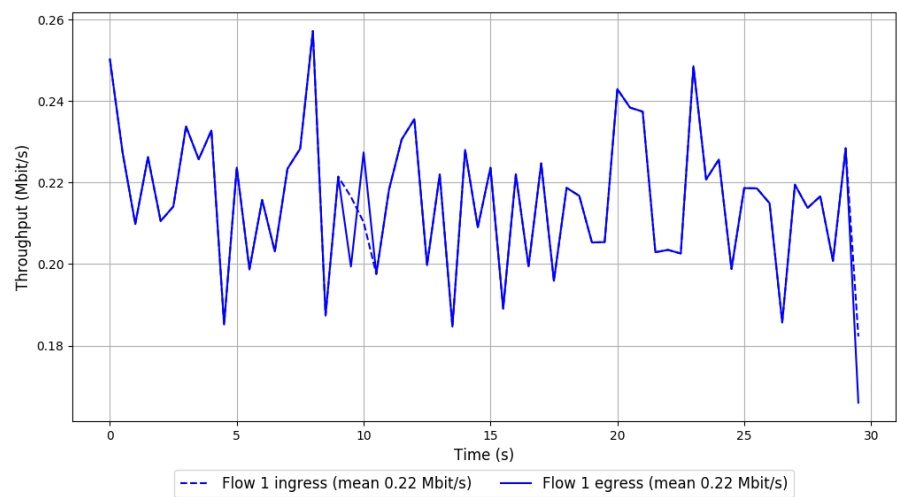


Run 6: Statistics of SCReAM

Start at: 2018-02-27 13:37:38
End at: 2018-02-27 13:38:08
Local clock offset: 0.698 ms
Remote clock offset: -5.171 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.209 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

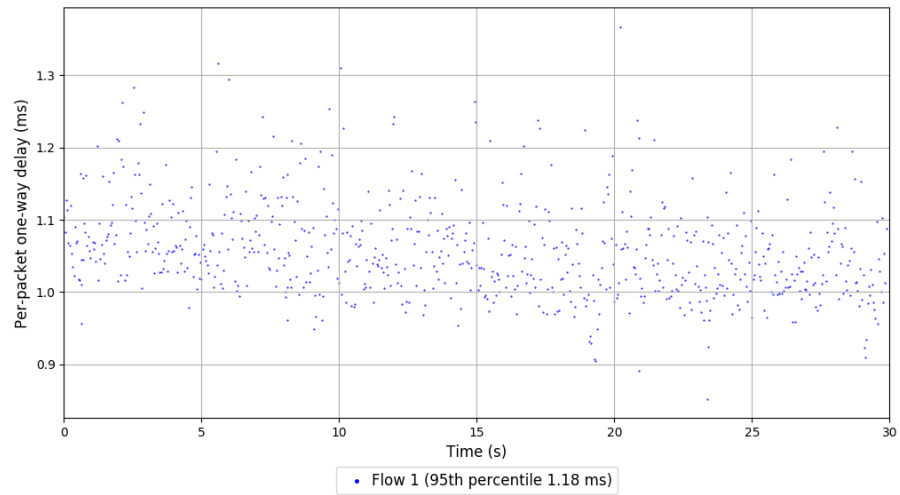
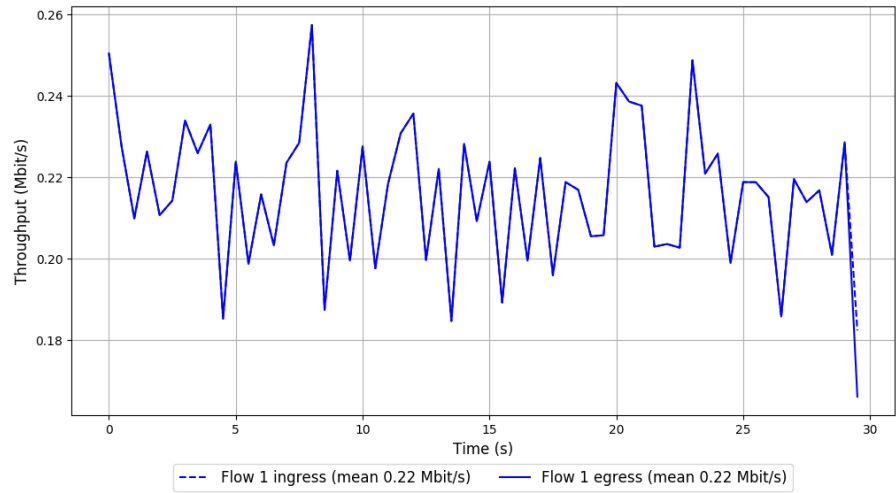


Run 7: Statistics of SCReAM

Start at: 2018-02-27 14:05:38
End at: 2018-02-27 14:06:08
Local clock offset: 0.541 ms
Remote clock offset: -6.159 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.183 ms
Loss rate: 0.13%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-27 14:33:26

End at: 2018-02-27 14:33:56

Local clock offset: 0.797 ms

Remote clock offset: -6.3 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.205 ms

Loss rate: 0.13%

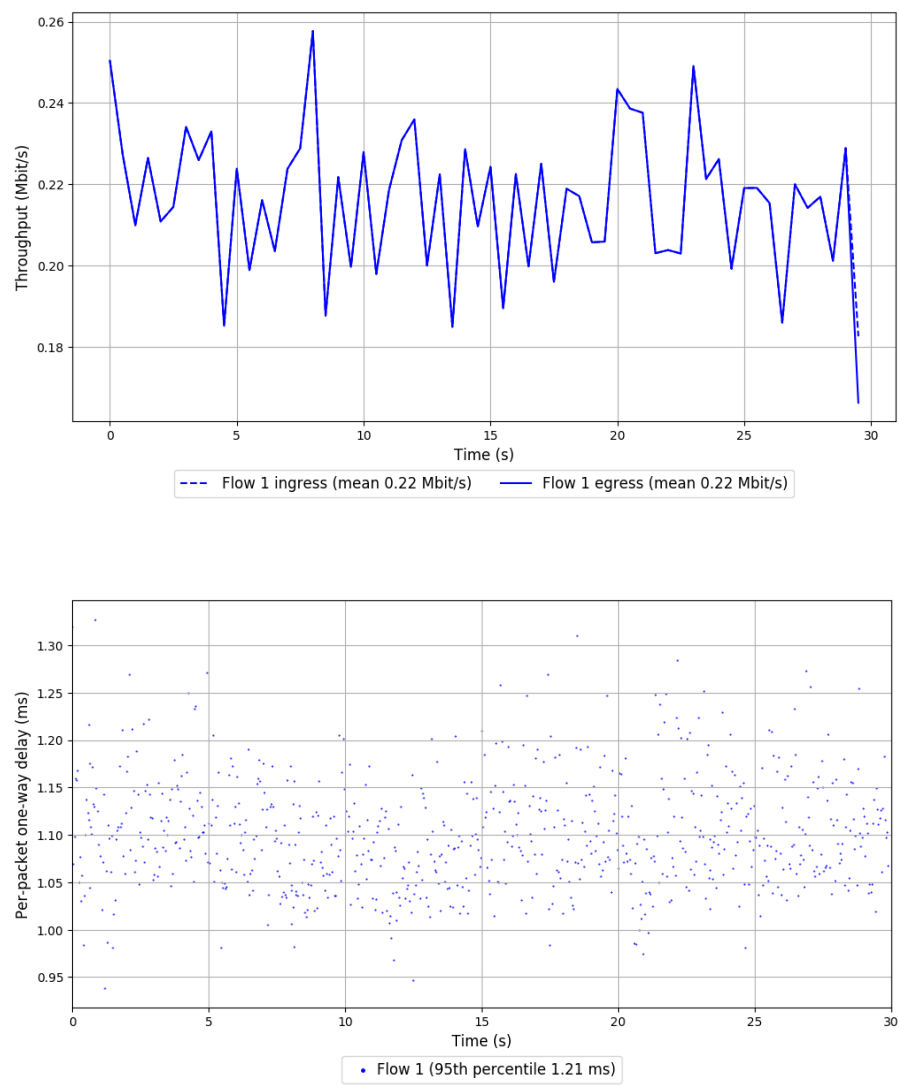
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.205 ms

Loss rate: 0.13%

Run 8: Report of SReAM — Data Link

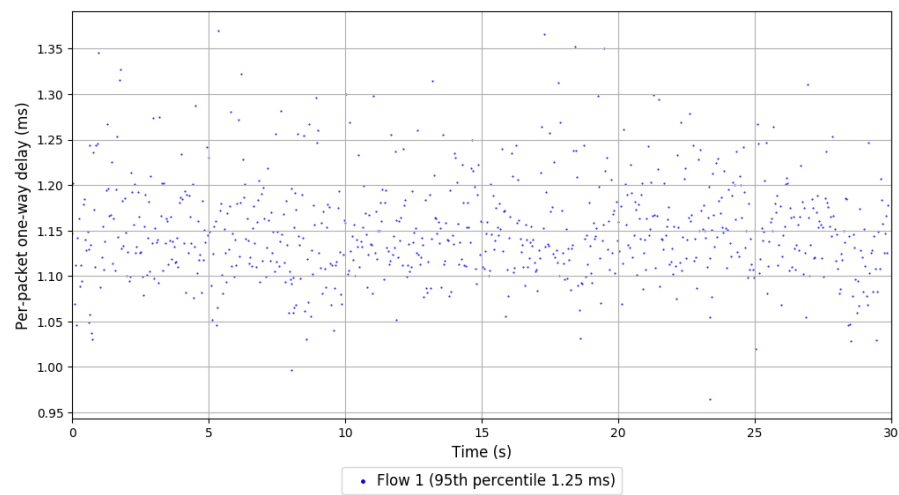
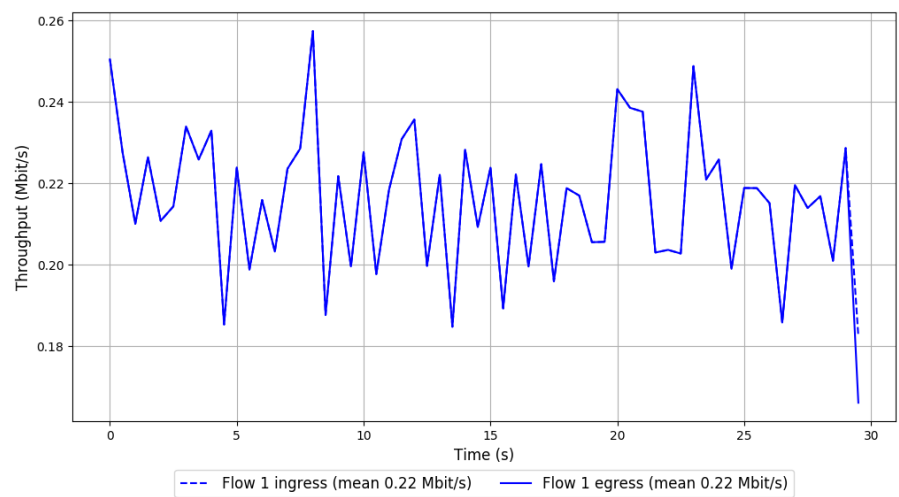


Run 9: Statistics of SCReAM

Start at: 2018-02-27 15:01:18
End at: 2018-02-27 15:01:48
Local clock offset: 0.933 ms
Remote clock offset: -5.928 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.255 ms
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-02-27 15:28:57

End at: 2018-02-27 15:29:27

Local clock offset: 0.854 ms

Remote clock offset: -5.739 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.13%

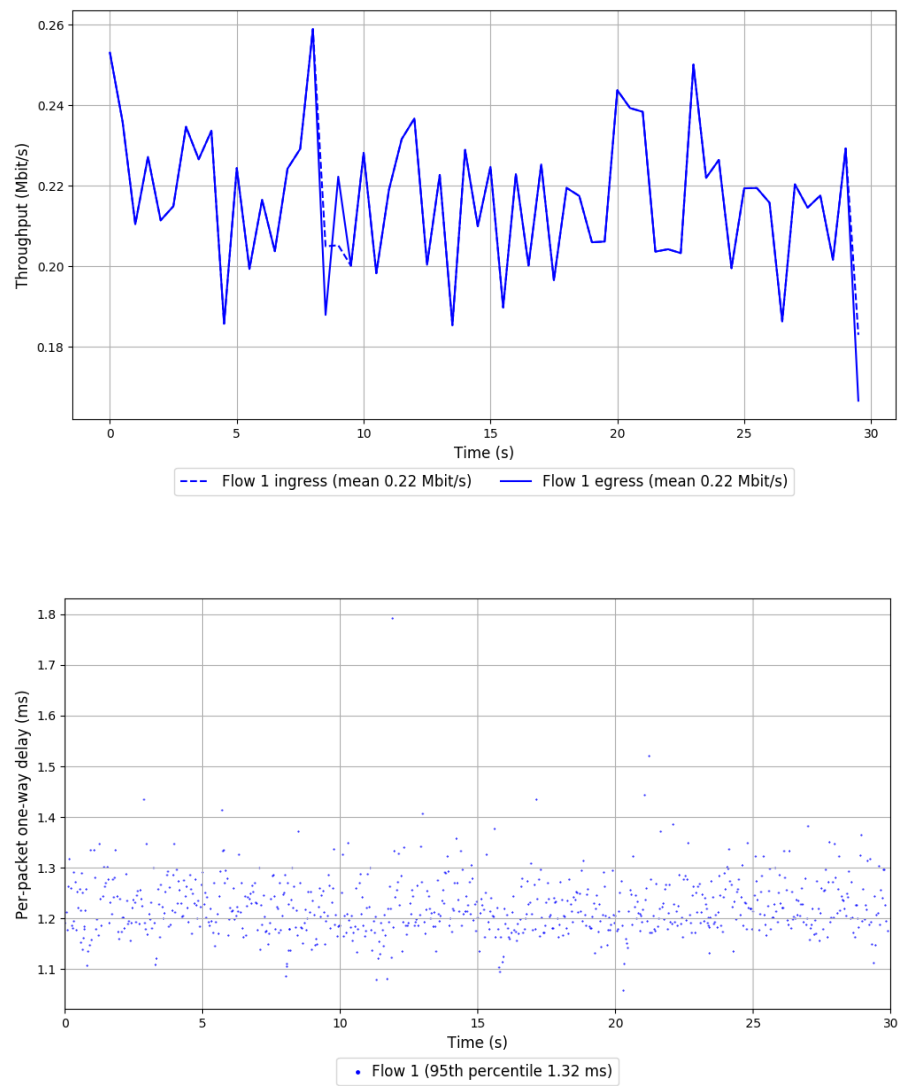
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 1.325 ms

Loss rate: 0.13%

Run 10: Report of SReAM — Data Link

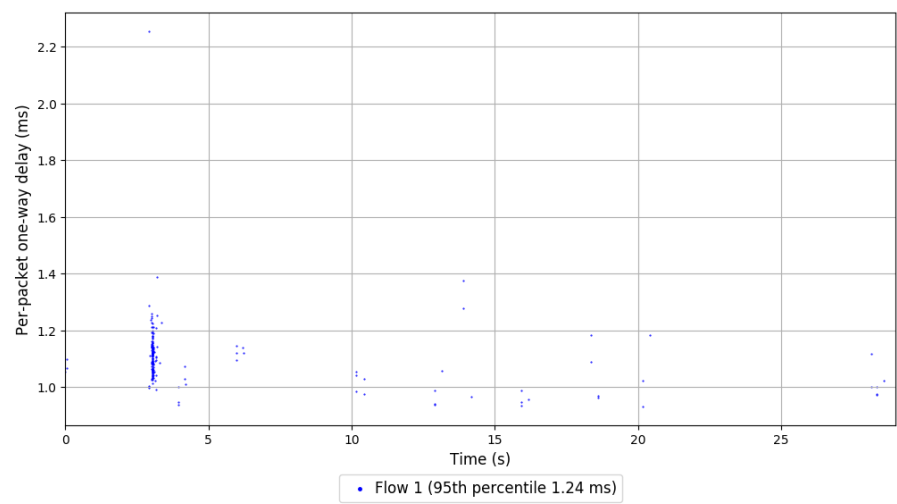
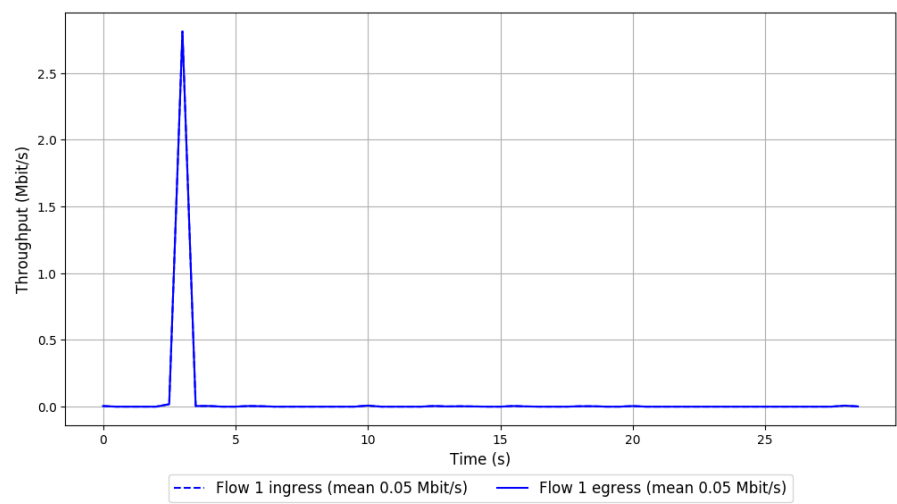


Run 1: Statistics of WebRTC media

Start at: 2018-02-27 10:56:42
End at: 2018-02-27 10:57:12
Local clock offset: 0.879 ms
Remote clock offset: -5.363 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.236 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

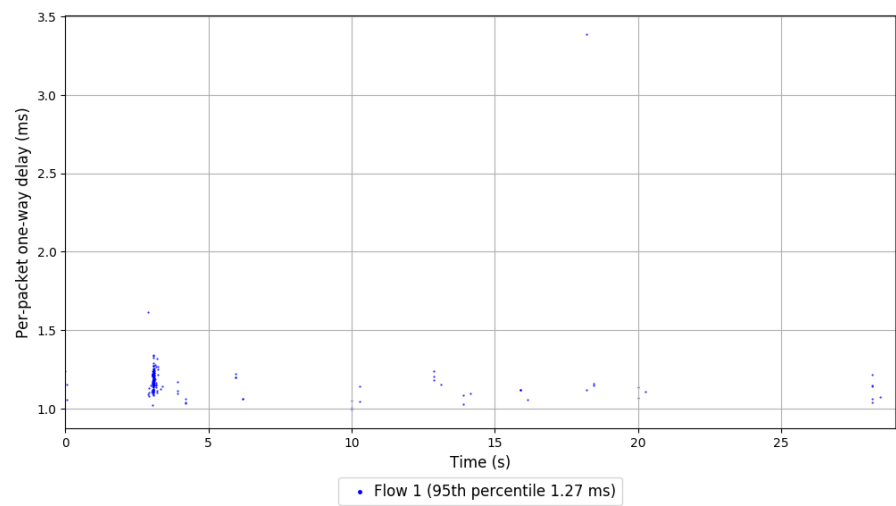
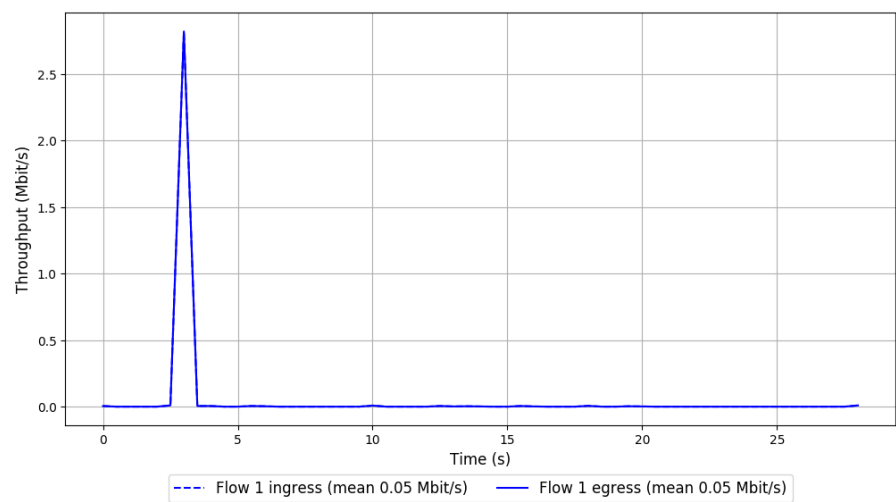


Run 2: Statistics of WebRTC media

Start at: 2018-02-27 11:24:27
End at: 2018-02-27 11:24:57
Local clock offset: -0.453 ms
Remote clock offset: -6.117 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.273 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.273 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

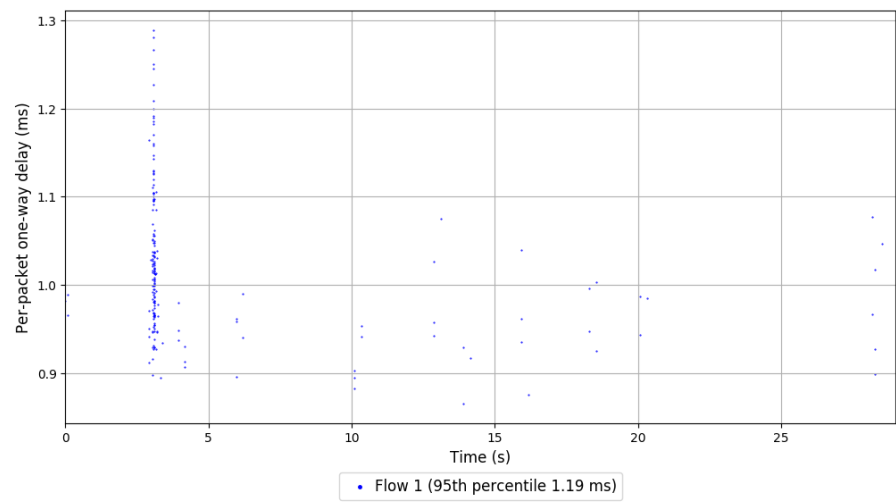
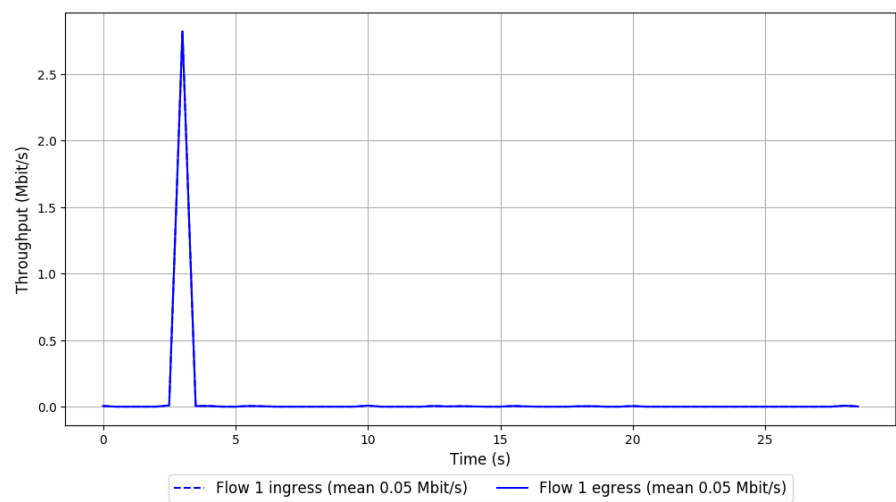


Run 3: Statistics of WebRTC media

Start at: 2018-02-27 11:52:09
End at: 2018-02-27 11:52:39
Local clock offset: 1.749 ms
Remote clock offset: -5.166 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.190 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.190 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

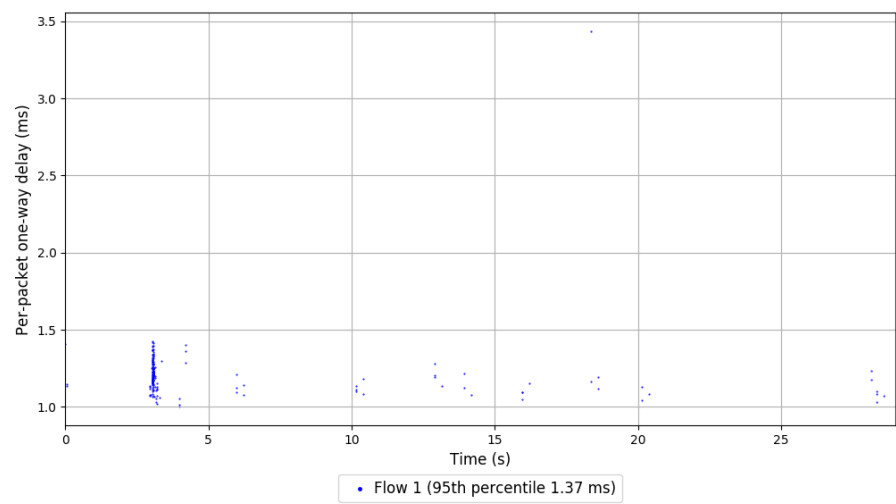
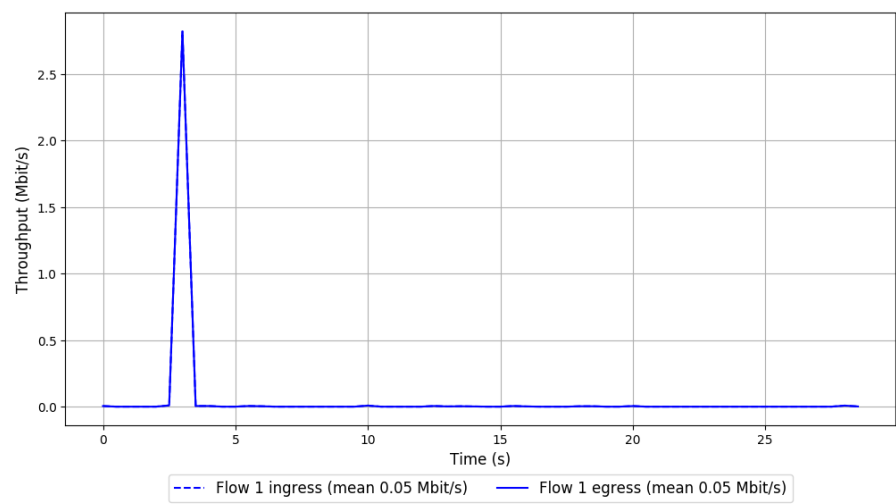


Run 4: Statistics of WebRTC media

Start at: 2018-02-27 12:19:57
End at: 2018-02-27 12:20:27
Local clock offset: 1.294 ms
Remote clock offset: -5.325 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.373 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

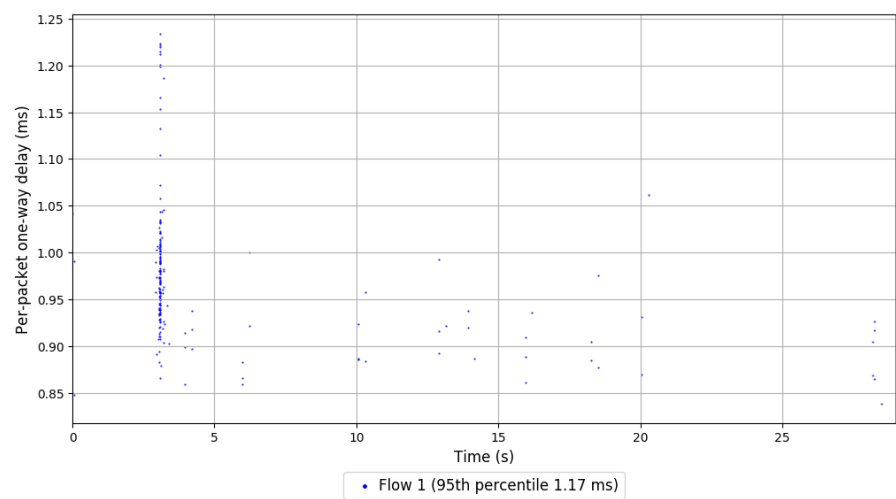
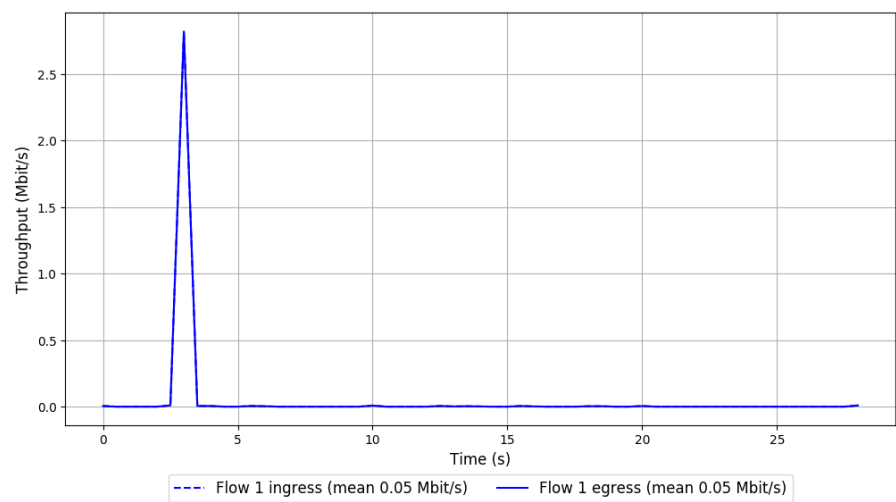


Run 5: Statistics of WebRTC media

Start at: 2018-02-27 12:47:33
End at: 2018-02-27 12:48:03
Local clock offset: 0.509 ms
Remote clock offset: -5.474 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.166 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-02-27 13:15:21

End at: 2018-02-27 13:15:51

Local clock offset: 0.564 ms

Remote clock offset: -5.37 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.228 ms

Loss rate: 0.00%

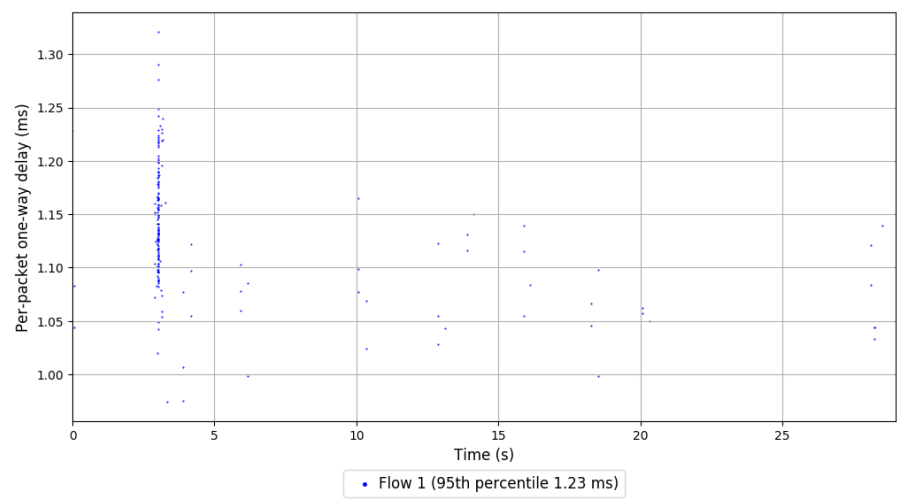
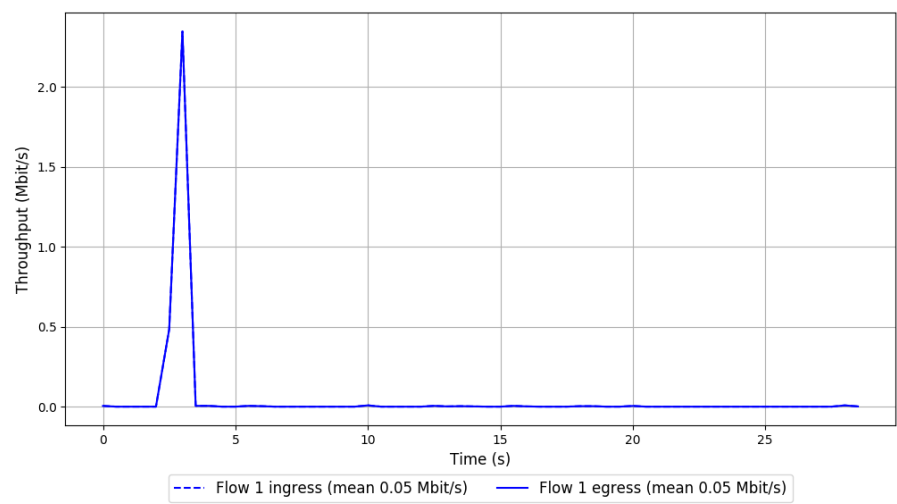
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.228 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

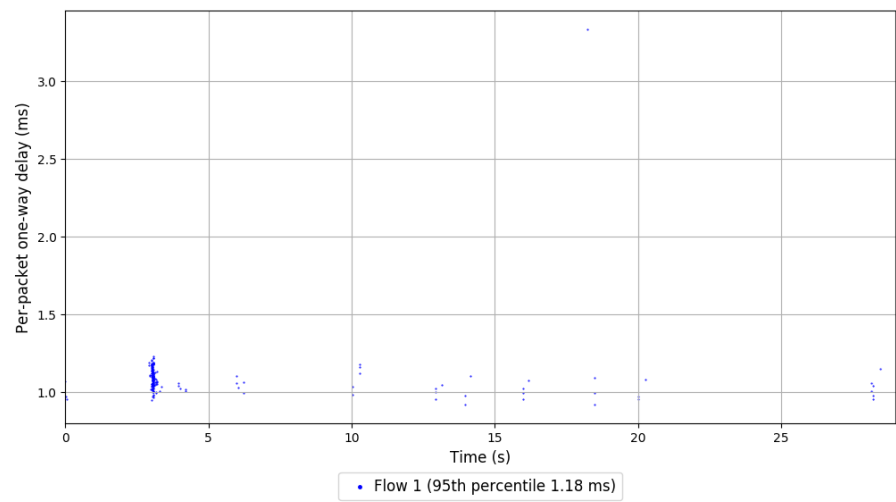
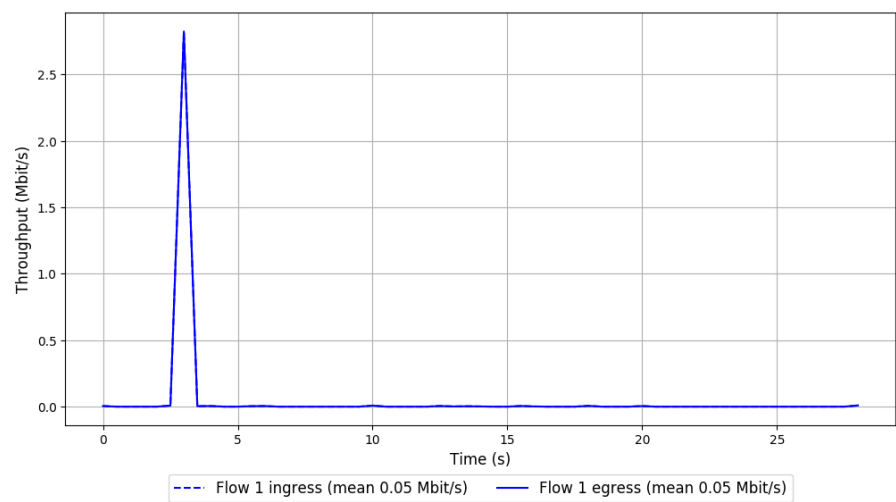


Run 7: Statistics of WebRTC media

Start at: 2018-02-27 13:43:14
End at: 2018-02-27 13:43:44
Local clock offset: 0.709 ms
Remote clock offset: -5.158 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.184 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

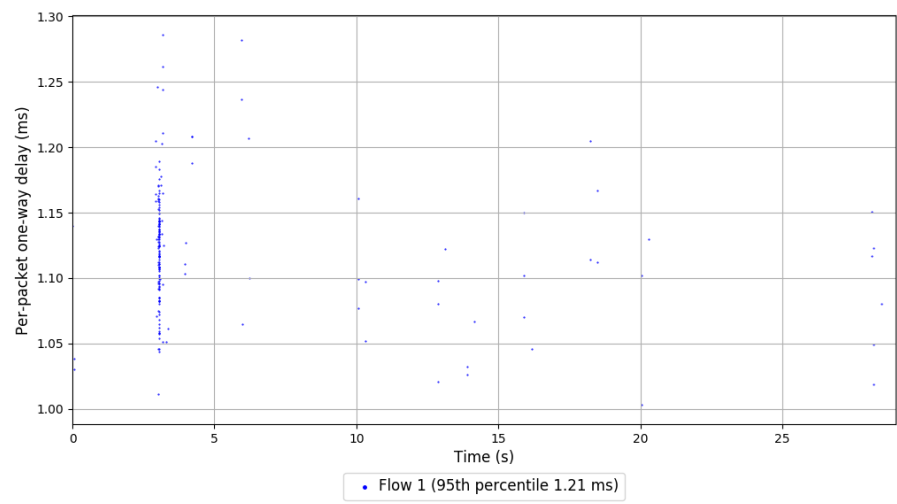
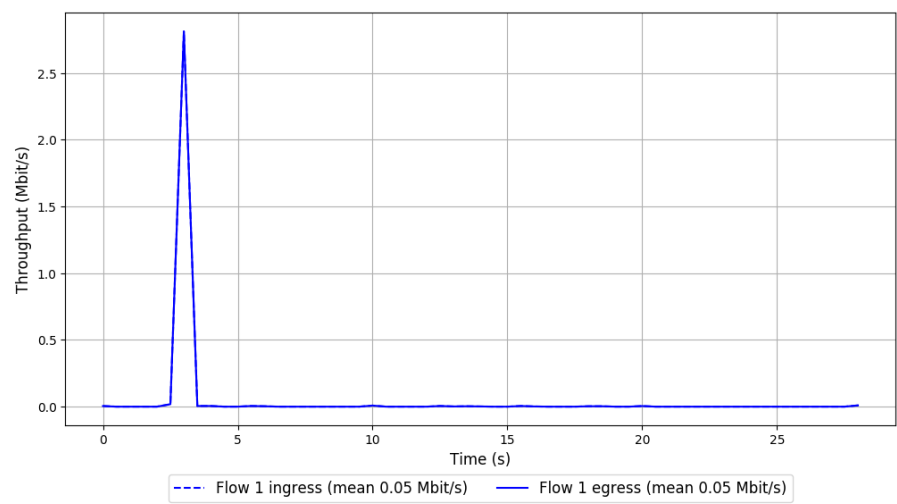


Run 8: Statistics of WebRTC media

Start at: 2018-02-27 14:11:29
End at: 2018-02-27 14:11:59
Local clock offset: 0.616 ms
Remote clock offset: -6.439 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

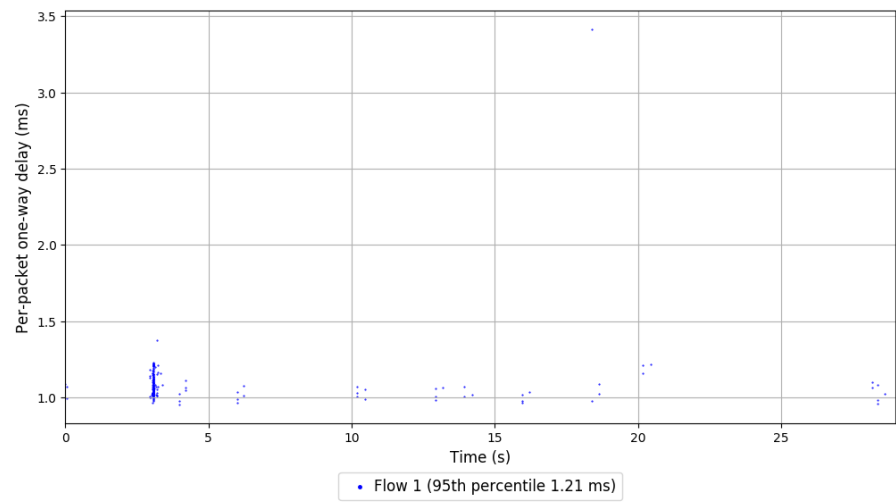
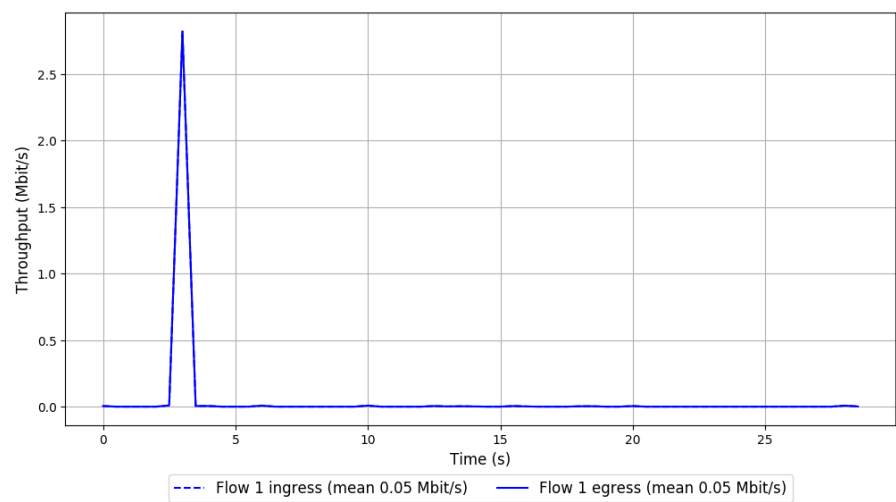


Run 9: Statistics of WebRTC media

Start at: 2018-02-27 14:39:11
End at: 2018-02-27 14:39:41
Local clock offset: 0.929 ms
Remote clock offset: -6.135 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 1.214 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-27 15:06:54

End at: 2018-02-27 15:07:24

Local clock offset: 0.975 ms

Remote clock offset: -5.873 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.00%

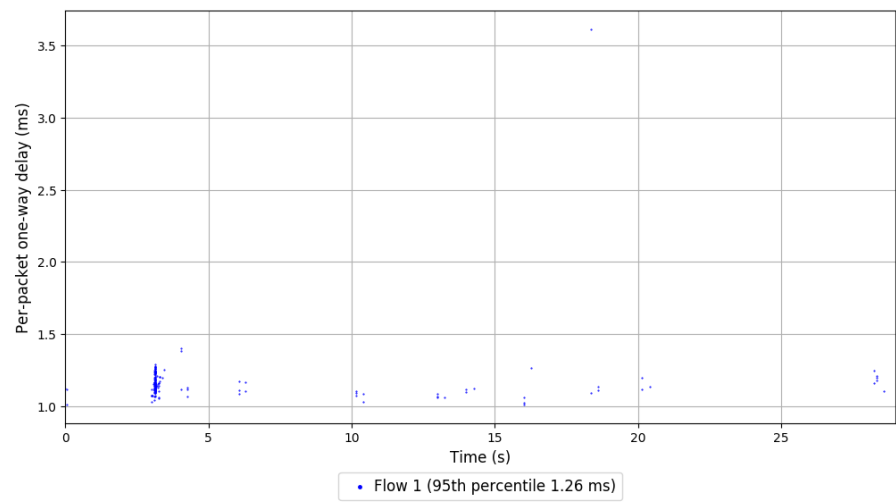
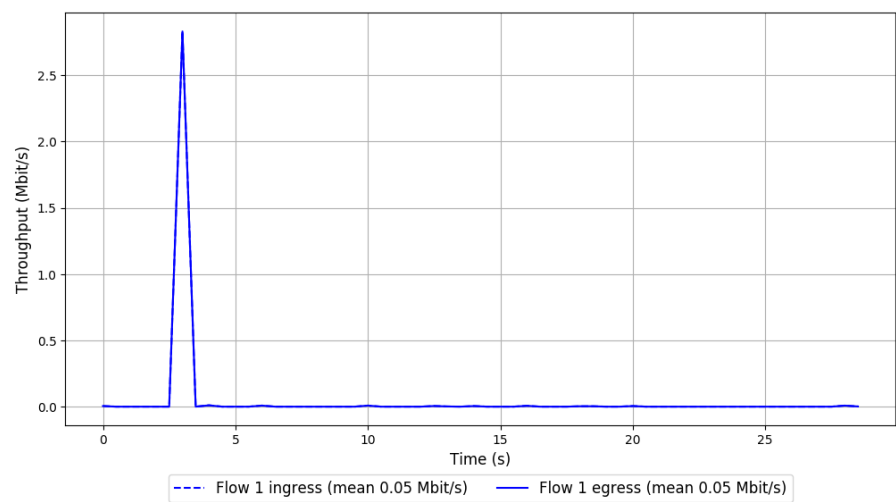
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 1.262 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

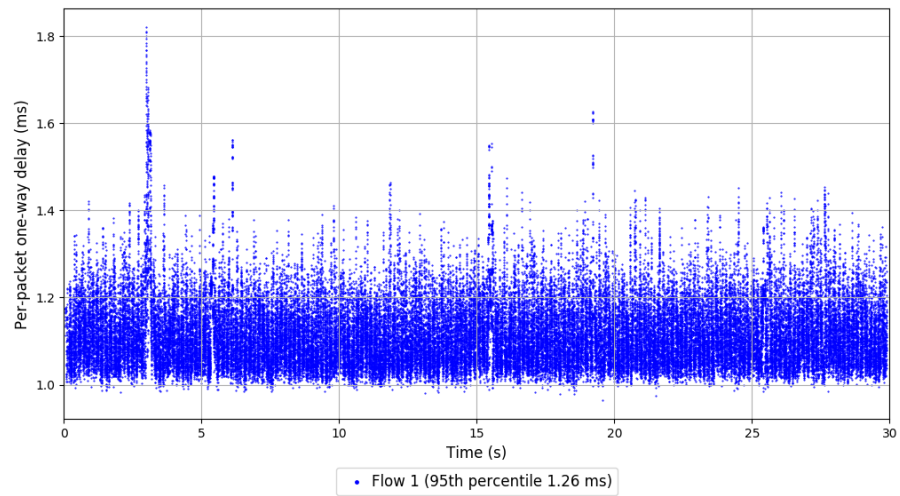
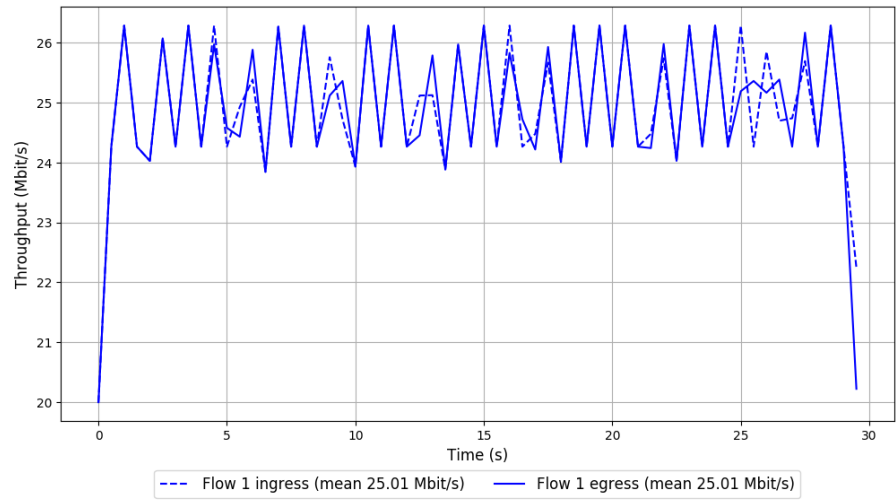


Run 1: Statistics of Sprout

Start at: 2018-02-27 11:21:25
End at: 2018-02-27 11:21:55
Local clock offset: -0.466 ms
Remote clock offset: -6.099 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 25.01 Mbit/s
95th percentile per-packet one-way delay: 1.257 ms
Loss rate: 0.14%

Run 1: Report of Sprout — Data Link

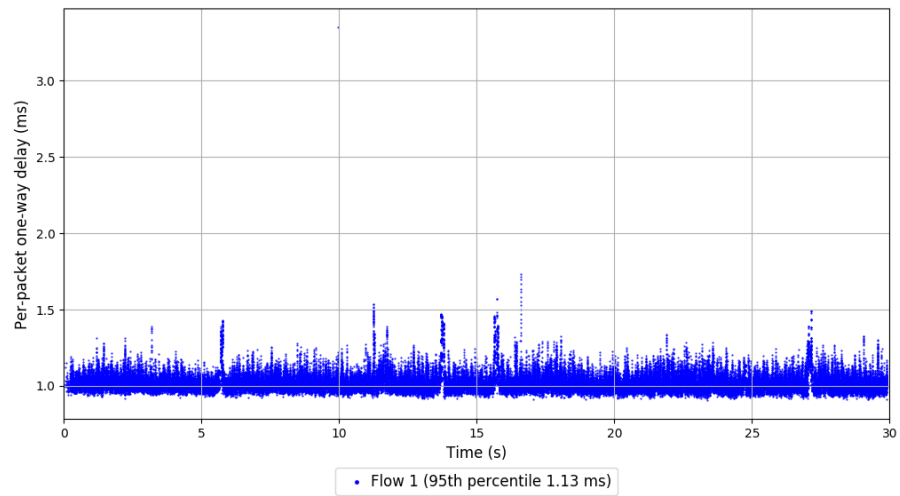
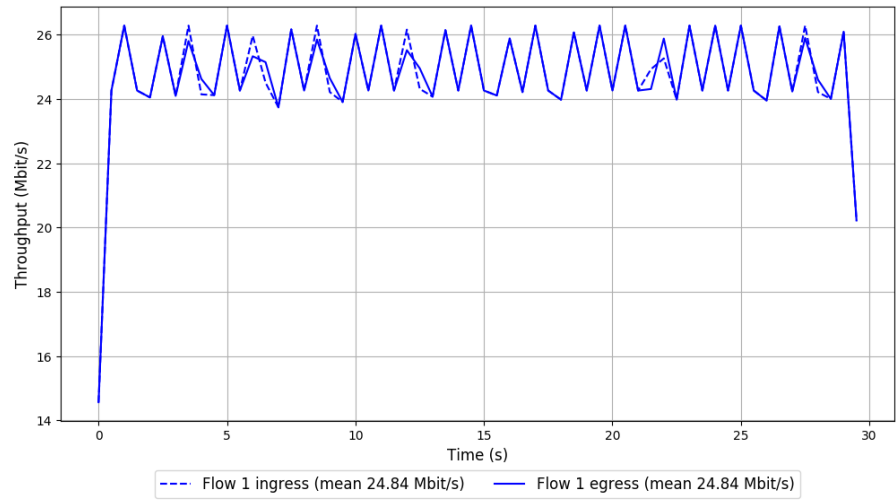


Run 2: Statistics of Sprout

Start at: 2018-02-27 11:49:14
End at: 2018-02-27 11:49:44
Local clock offset: 1.456 ms
Remote clock offset: -5.346 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.132 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 1.132 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-02-27 12:16:59

End at: 2018-02-27 12:17:29

Local clock offset: 1.44 ms

Remote clock offset: -5.2 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.91 Mbit/s

95th percentile per-packet one-way delay: 1.209 ms

Loss rate: 0.00%

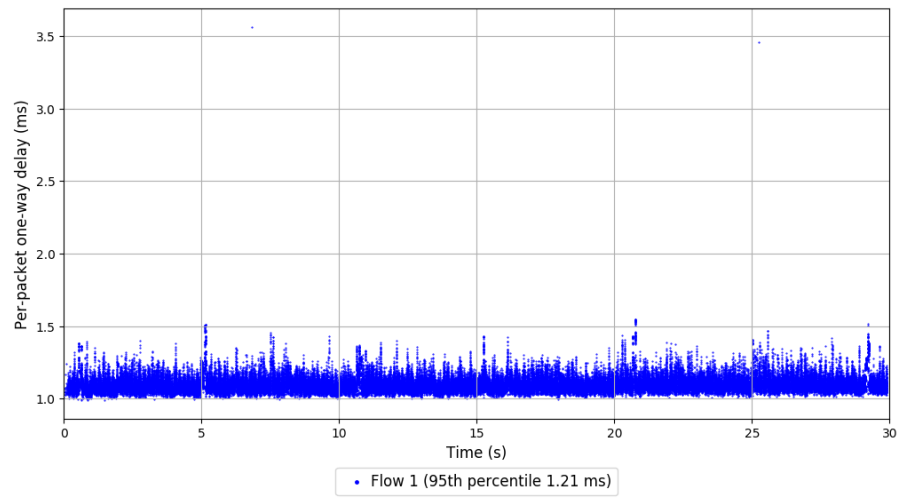
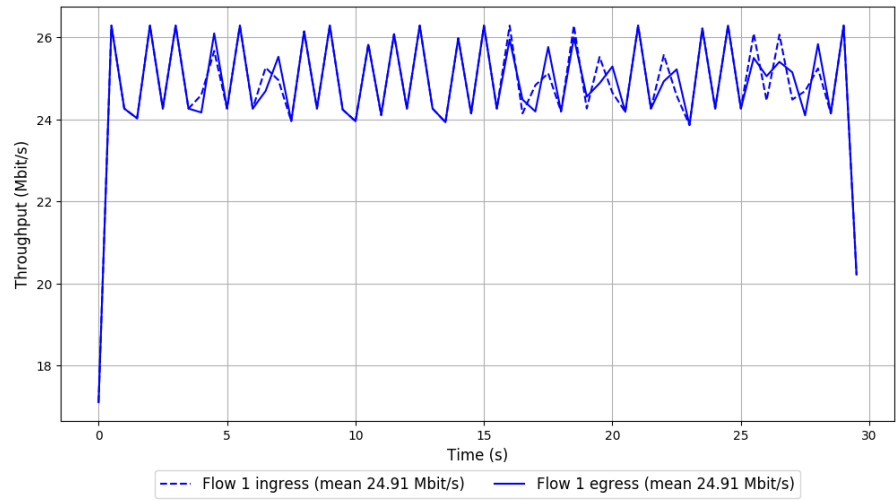
-- Flow 1:

Average throughput: 24.91 Mbit/s

95th percentile per-packet one-way delay: 1.209 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

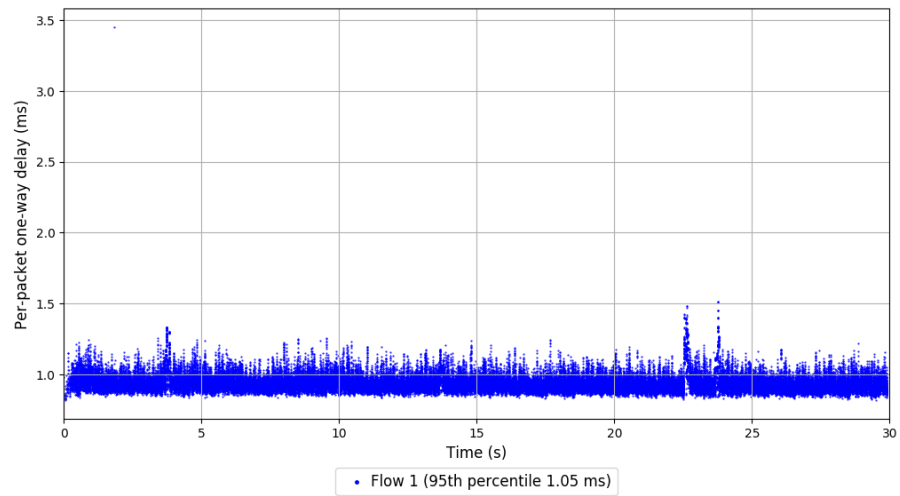
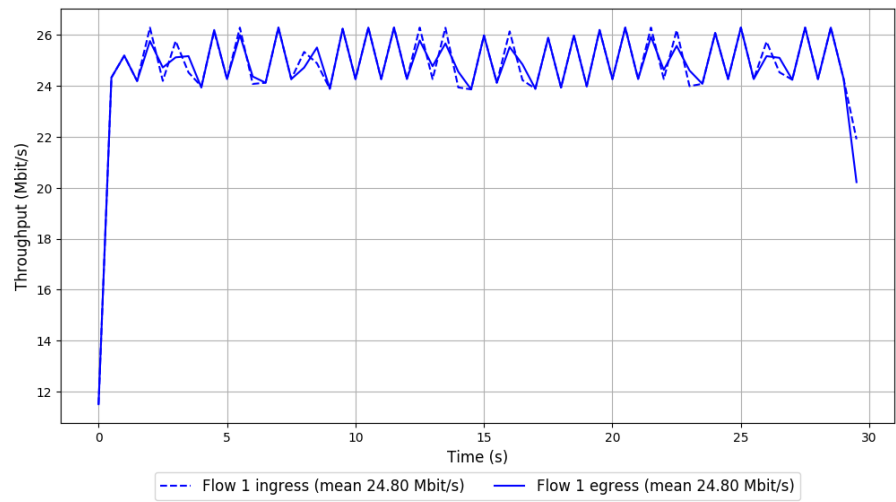


Run 4: Statistics of Sprout

Start at: 2018-02-27 12:44:35
End at: 2018-02-27 12:45:05
Local clock offset: 0.432 ms
Remote clock offset: -5.509 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 1.051 ms
Loss rate: 0.11%

Run 4: Report of Sprout — Data Link

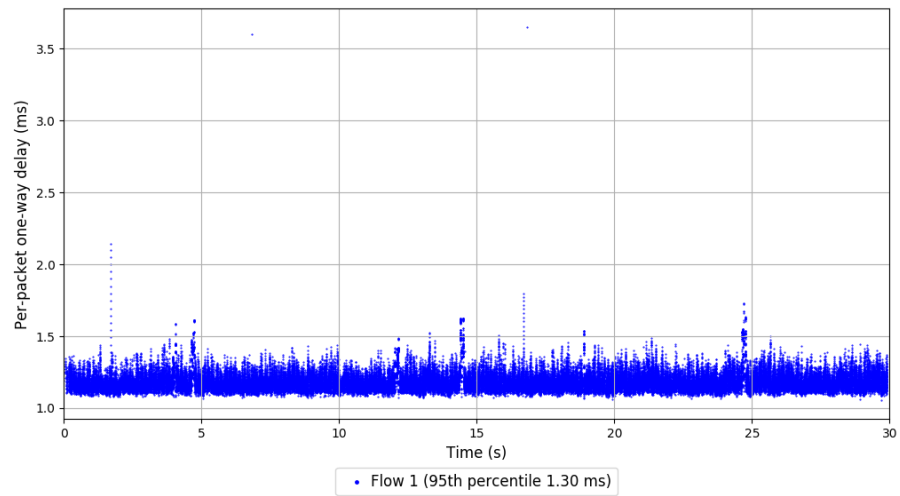
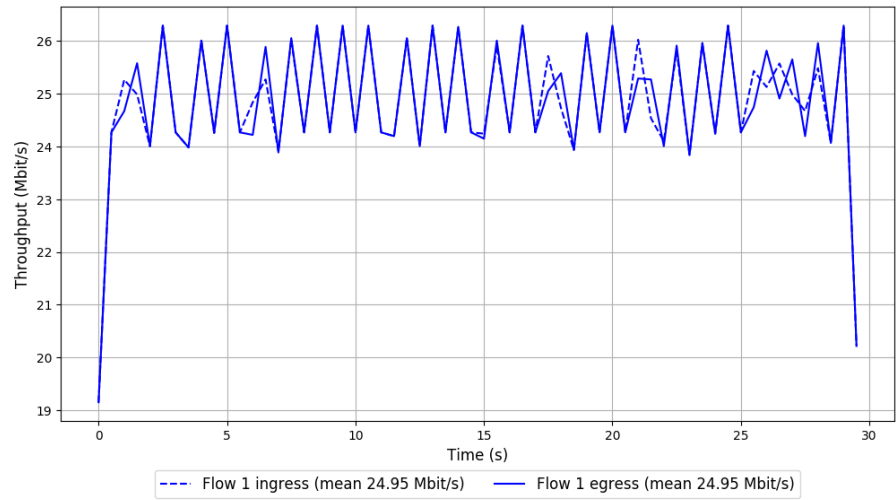


Run 5: Statistics of Sprout

Start at: 2018-02-27 13:12:24
End at: 2018-02-27 13:12:54
Local clock offset: 0.618 ms
Remote clock offset: -5.361 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.95 Mbit/s
95th percentile per-packet one-way delay: 1.297 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

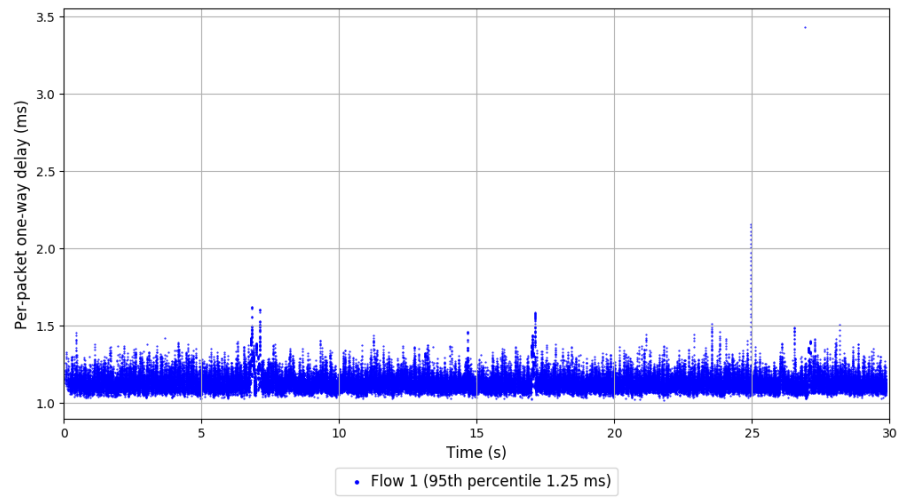
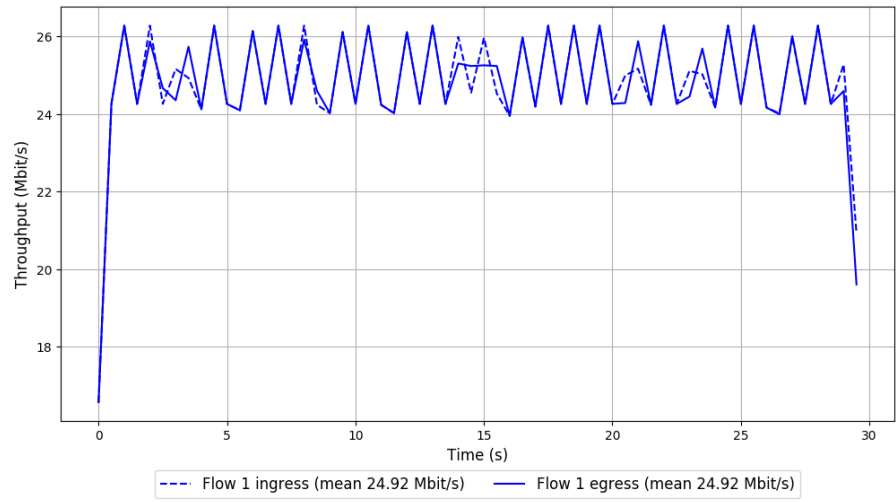


Run 6: Statistics of Sprout

Start at: 2018-02-27 13:40:21
End at: 2018-02-27 13:40:51
Local clock offset: 0.779 ms
Remote clock offset: -5.153 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 1.245 ms
Loss rate: 0.13%

Run 6: Report of Sprout — Data Link

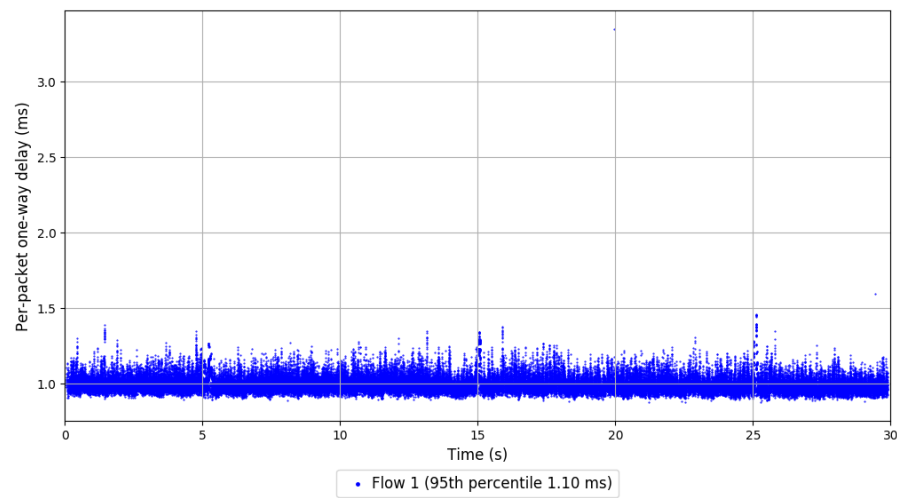
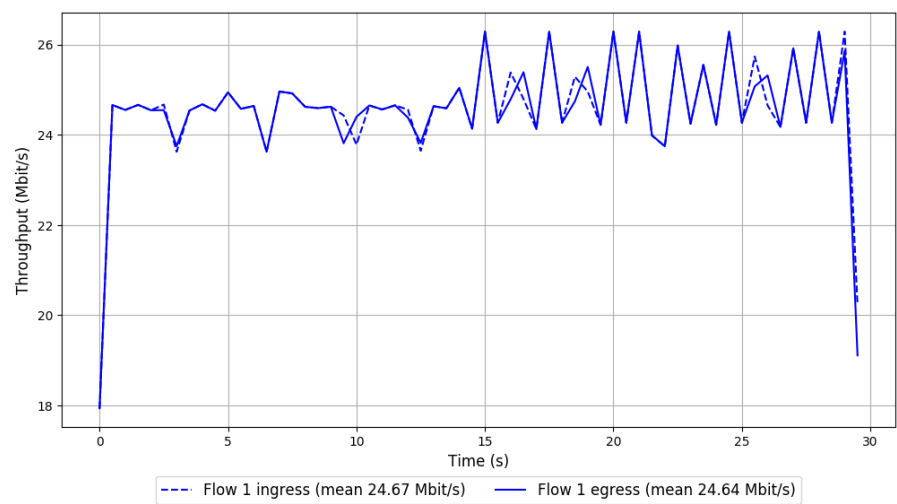


Run 7: Statistics of Sprout

Start at: 2018-02-27 14:08:22
End at: 2018-02-27 14:08:52
Local clock offset: 0.548 ms
Remote clock offset: -6.257 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 1.104 ms
Loss rate: 0.10%

Run 7: Report of Sprout — Data Link

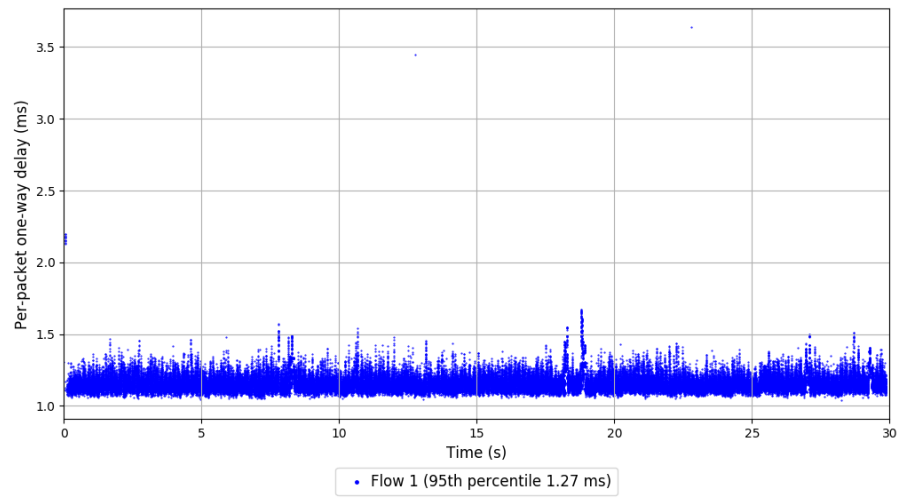
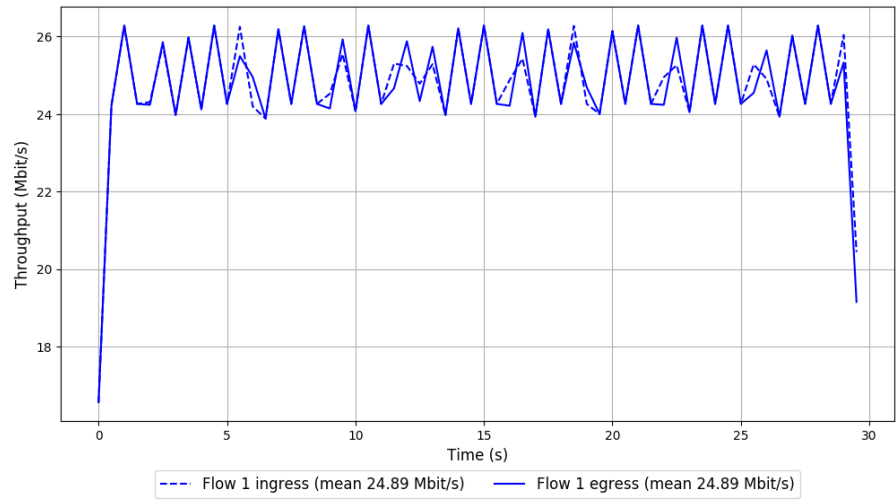


Run 8: Statistics of Sprout

Start at: 2018-02-27 14:36:09
End at: 2018-02-27 14:36:39
Local clock offset: 0.881 ms
Remote clock offset: -6.283 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.89 Mbit/s
95th percentile per-packet one-way delay: 1.269 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.89 Mbit/s
95th percentile per-packet one-way delay: 1.269 ms
Loss rate: 0.13%

Run 8: Report of Sprout — Data Link

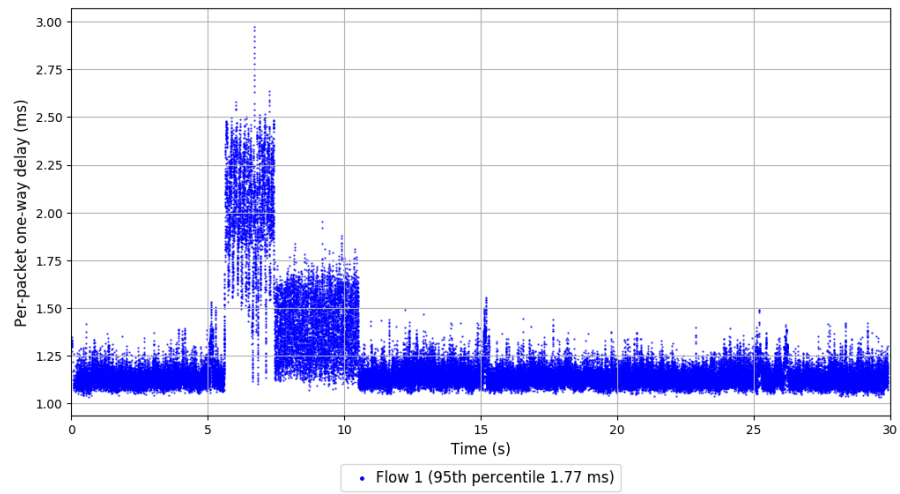
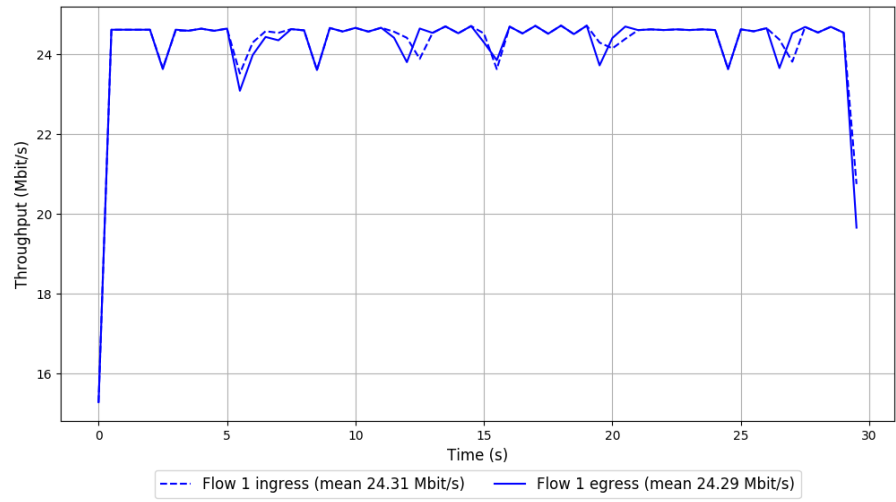


Run 9: Statistics of Sprout

Start at: 2018-02-27 15:04:01
End at: 2018-02-27 15:04:31
Local clock offset: 0.975 ms
Remote clock offset: -5.893 ms

Below is generated by plot.py at 2018-02-27 21:11:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 1.768 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 1.768 ms
Loss rate: 0.15%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-27 15:31:39

End at: 2018-02-27 15:32:09

Local clock offset: 0.763 ms

Remote clock offset: -5.673 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.92 Mbit/s

95th percentile per-packet one-way delay: 1.081 ms

Loss rate: 0.14%

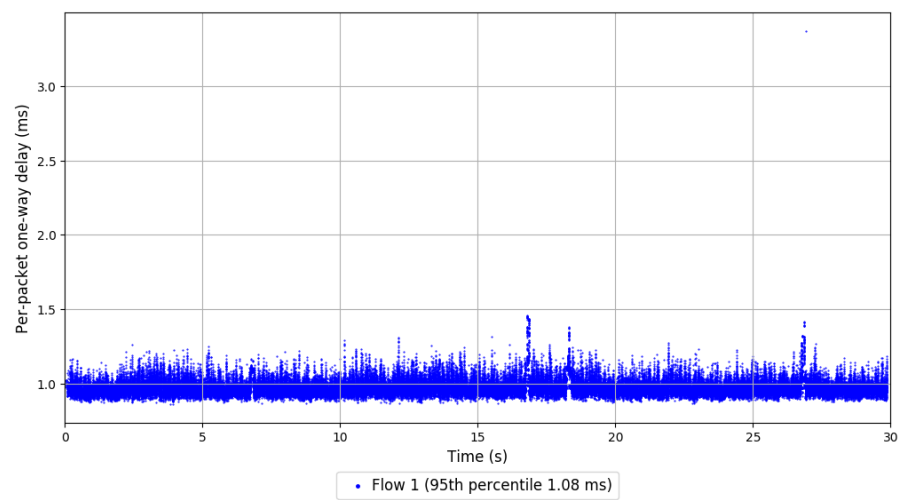
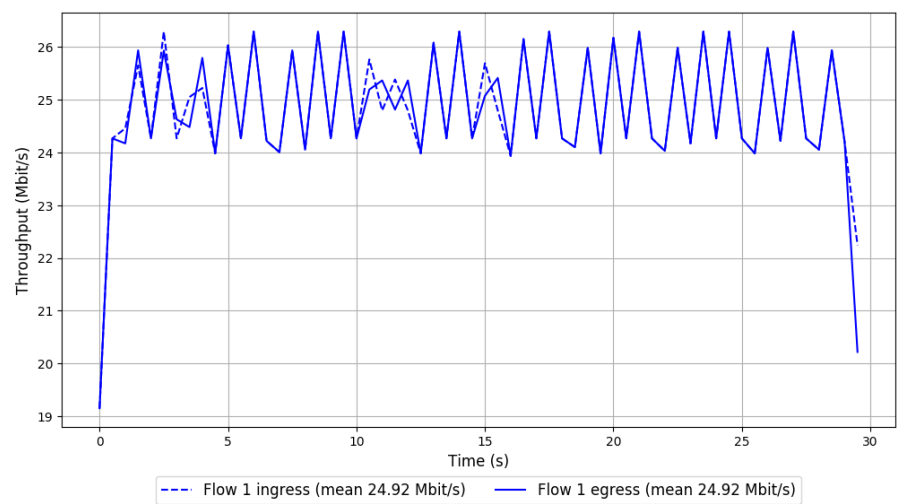
-- Flow 1:

Average throughput: 24.92 Mbit/s

95th percentile per-packet one-way delay: 1.081 ms

Loss rate: 0.14%

Run 10: Report of Sprout — Data Link

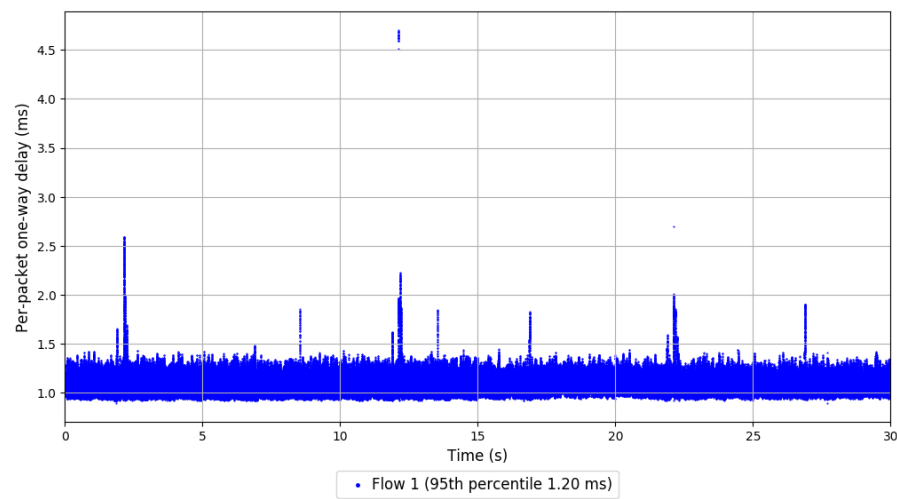
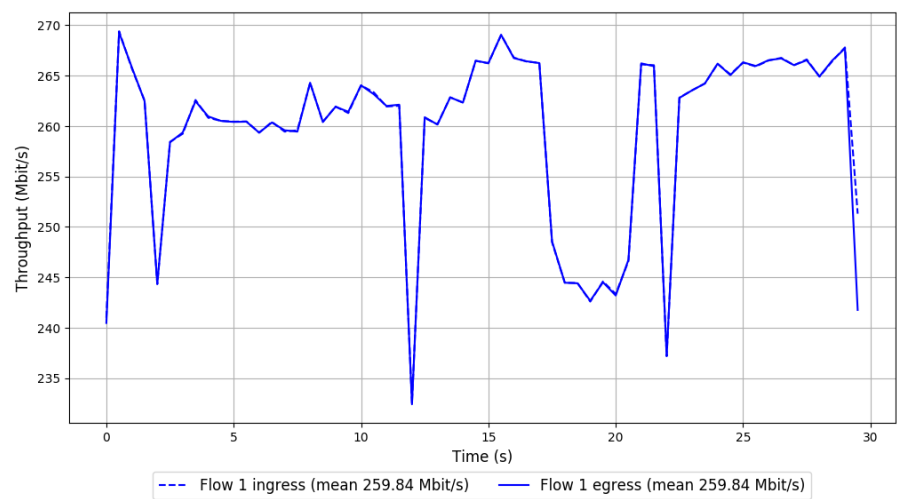


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-02-27 11:00:48
End at: 2018-02-27 11:01:18
Local clock offset: 0.818 ms
Remote clock offset: -5.339 ms

# Below is generated by plot.py at 2018-02-27 21:11:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 259.84 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 259.84 Mbit/s
95th percentile per-packet one-way delay: 1.196 ms
Loss rate: 0.07%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-27 11:28:34

End at: 2018-02-27 11:29:04

Local clock offset: -0.547 ms

Remote clock offset: -6.087 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 253.84 Mbit/s

95th percentile per-packet one-way delay: 1.274 ms

Loss rate: 0.07%

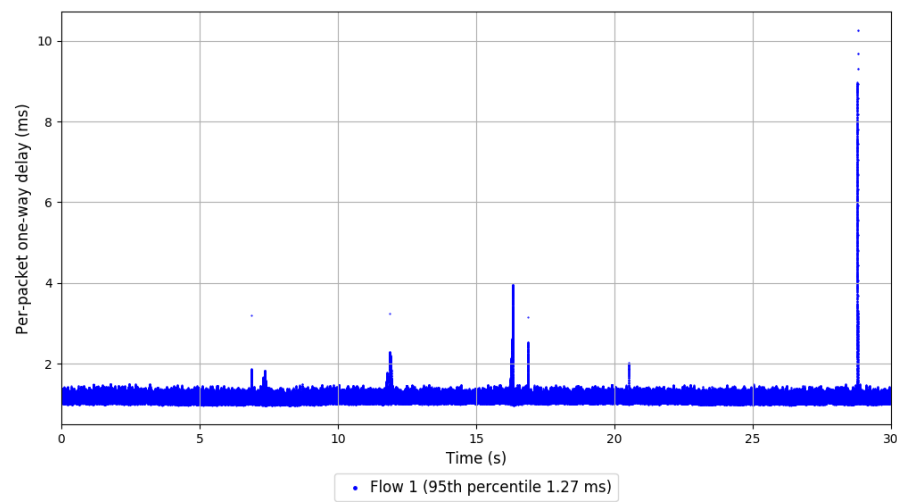
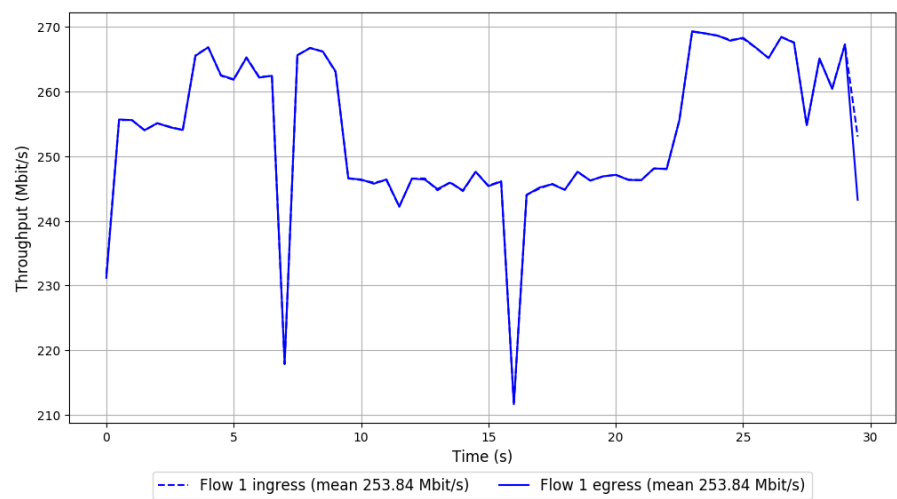
-- Flow 1:

Average throughput: 253.84 Mbit/s

95th percentile per-packet one-way delay: 1.274 ms

Loss rate: 0.07%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-27 11:56:15

End at: 2018-02-27 11:56:45

Local clock offset: 1.975 ms

Remote clock offset: -5.109 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 256.91 Mbit/s

95th percentile per-packet one-way delay: 1.241 ms

Loss rate: 0.07%

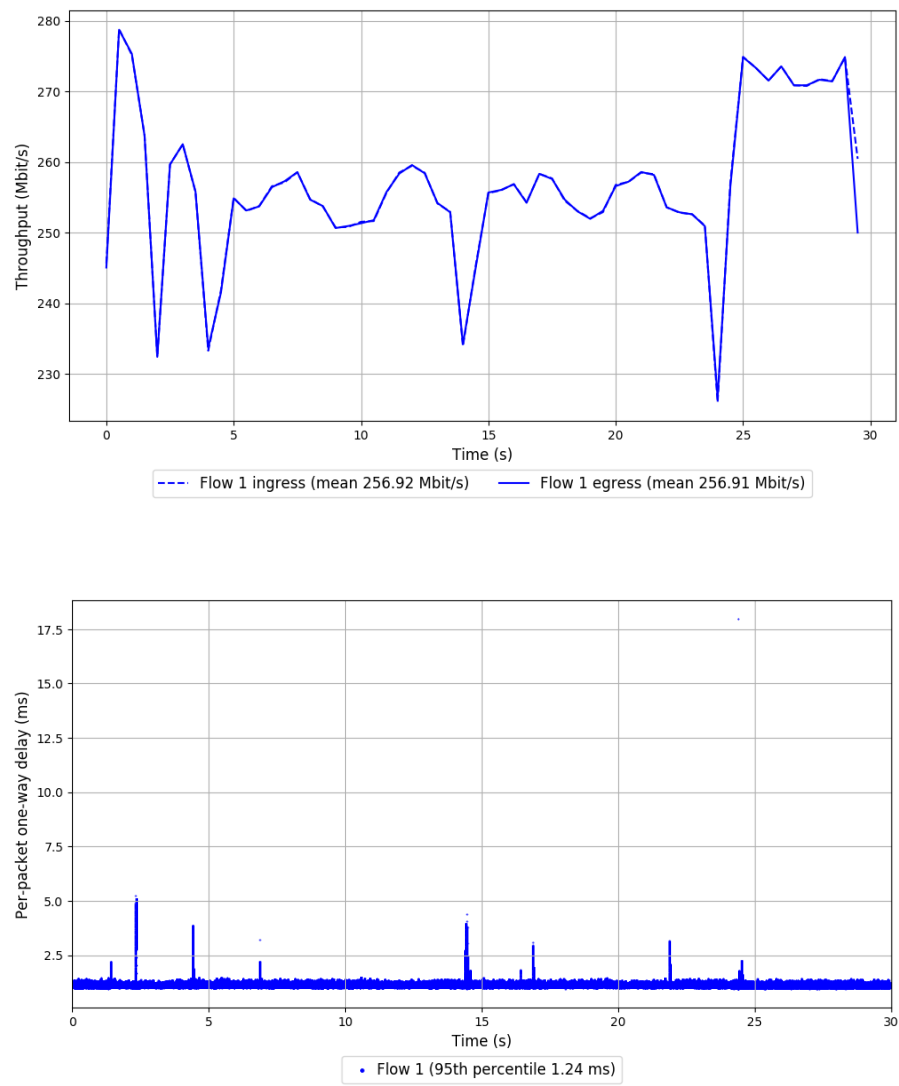
-- Flow 1:

Average throughput: 256.91 Mbit/s

95th percentile per-packet one-way delay: 1.241 ms

Loss rate: 0.07%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-27 12:24:04

End at: 2018-02-27 12:24:34

Local clock offset: 1.072 ms

Remote clock offset: -5.434 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 264.51 Mbit/s

95th percentile per-packet one-way delay: 1.277 ms

Loss rate: 0.07%

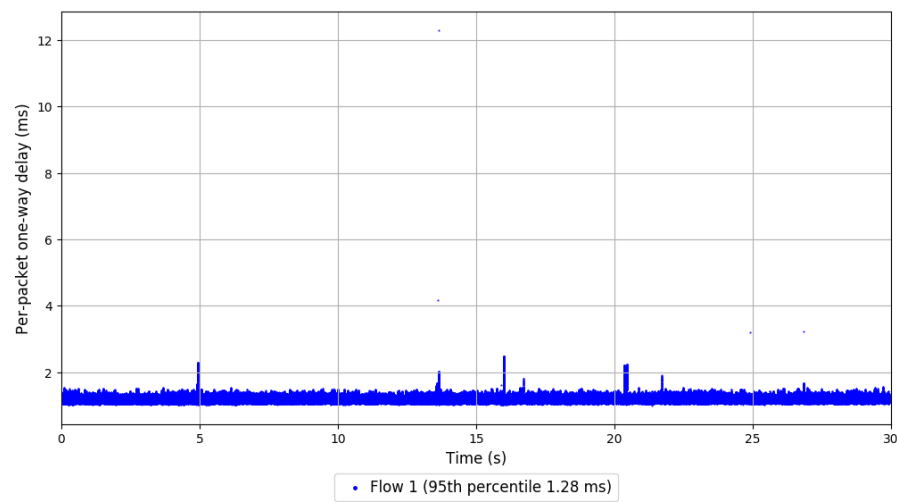
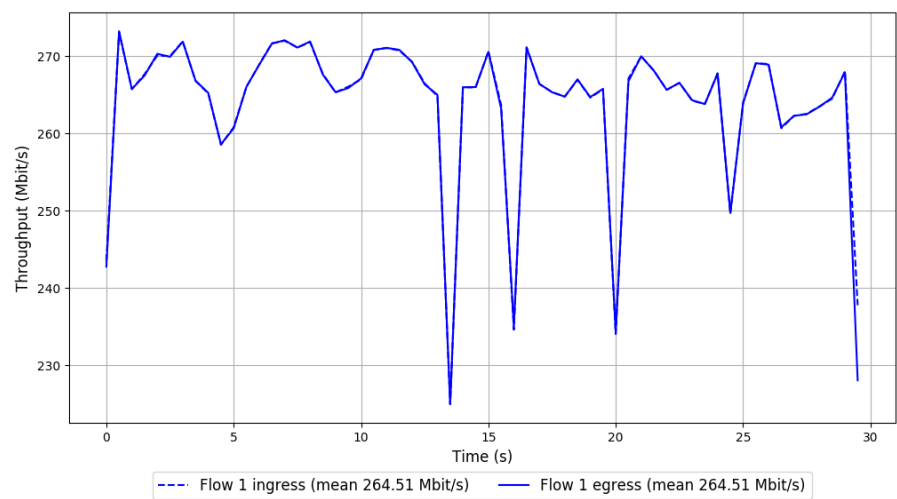
-- Flow 1:

Average throughput: 264.51 Mbit/s

95th percentile per-packet one-way delay: 1.277 ms

Loss rate: 0.07%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-27 12:51:40

End at: 2018-02-27 12:52:10

Local clock offset: 0.635 ms

Remote clock offset: -5.506 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.34 Mbit/s

95th percentile per-packet one-way delay: 1.249 ms

Loss rate: 0.07%

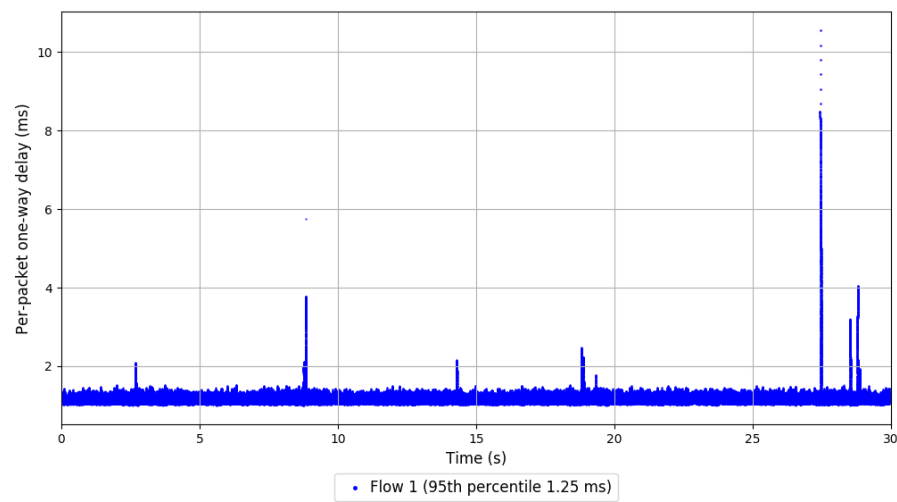
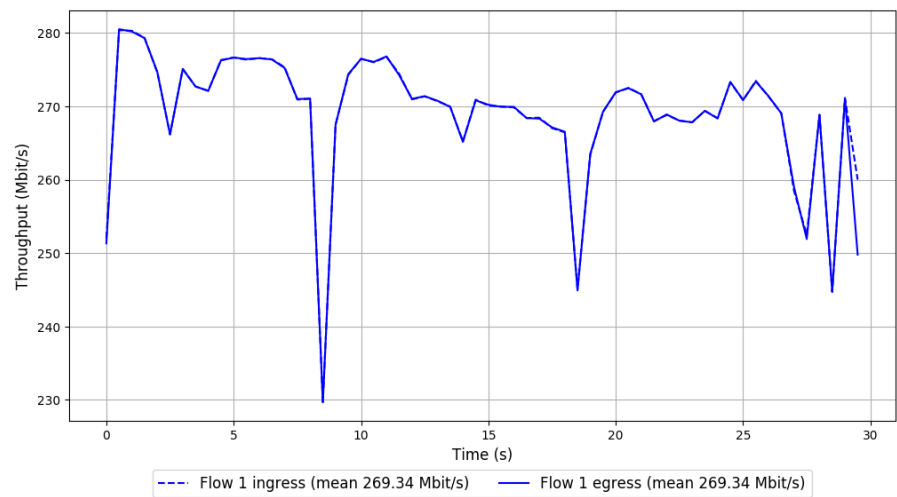
-- Flow 1:

Average throughput: 269.34 Mbit/s

95th percentile per-packet one-way delay: 1.249 ms

Loss rate: 0.07%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-27 13:19:28

End at: 2018-02-27 13:19:58

Local clock offset: 0.494 ms

Remote clock offset: -5.382 ms

Below is generated by plot.py at 2018-02-27 21:11:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 256.64 Mbit/s

95th percentile per-packet one-way delay: 1.872 ms

Loss rate: 0.07%

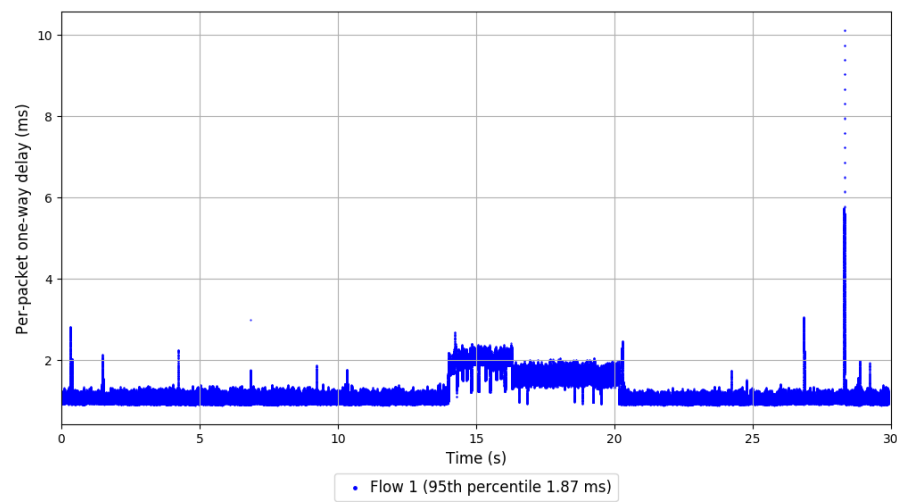
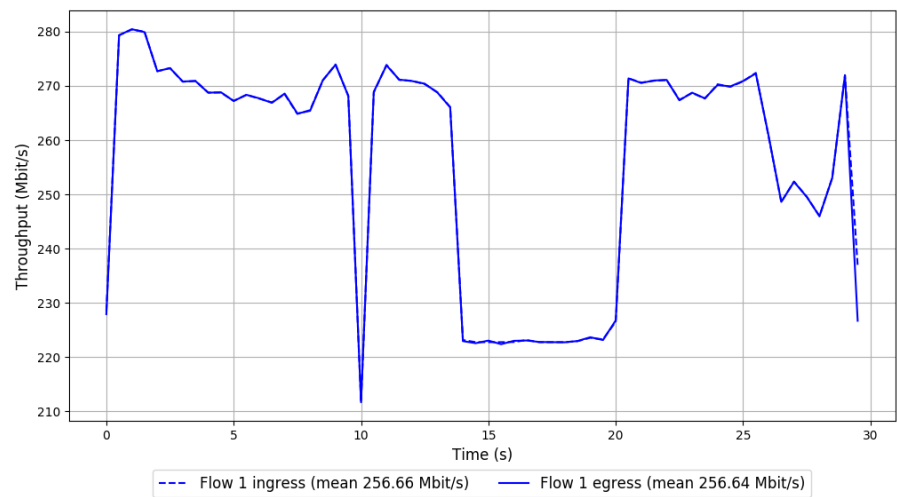
-- Flow 1:

Average throughput: 256.64 Mbit/s

95th percentile per-packet one-way delay: 1.872 ms

Loss rate: 0.07%

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

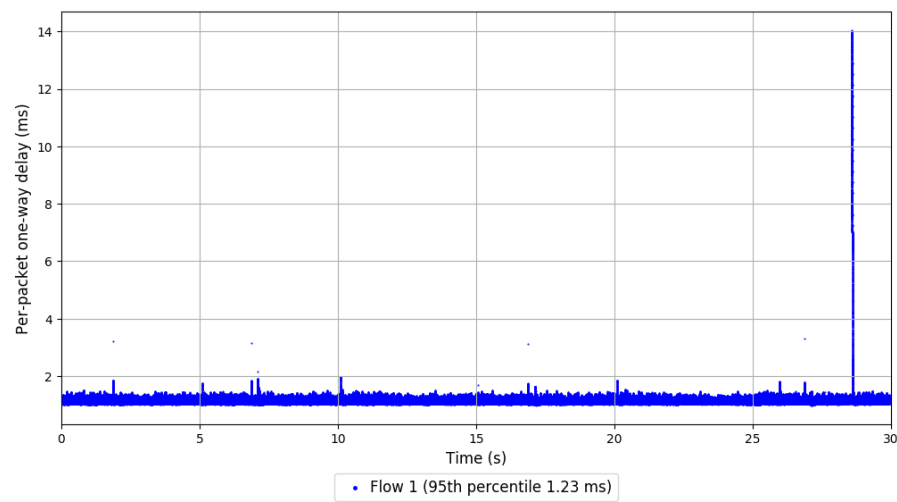
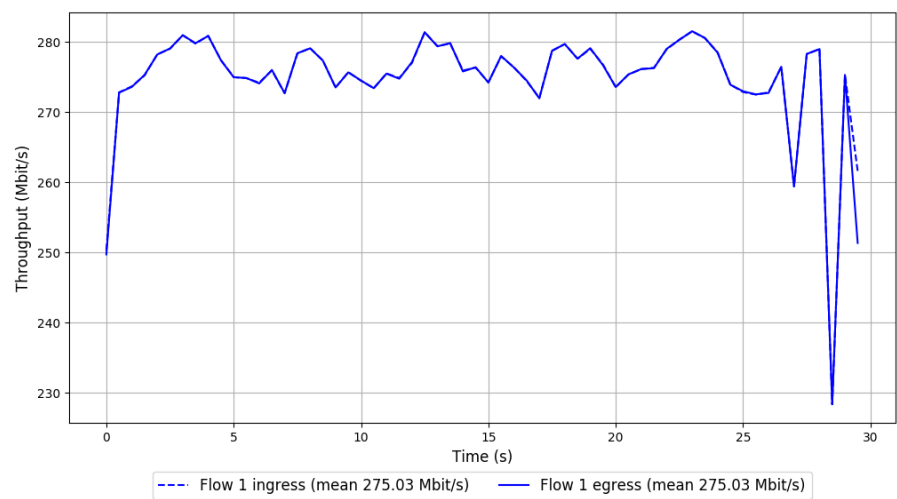


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-27 13:47:21
End at: 2018-02-27 13:47:51
Local clock offset: 0.76 ms
Remote clock offset: -5.127 ms

Below is generated by plot.py at 2018-02-27 21:17:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 275.03 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 275.03 Mbit/s
95th percentile per-packet one-way delay: 1.232 ms
Loss rate: 0.07%

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

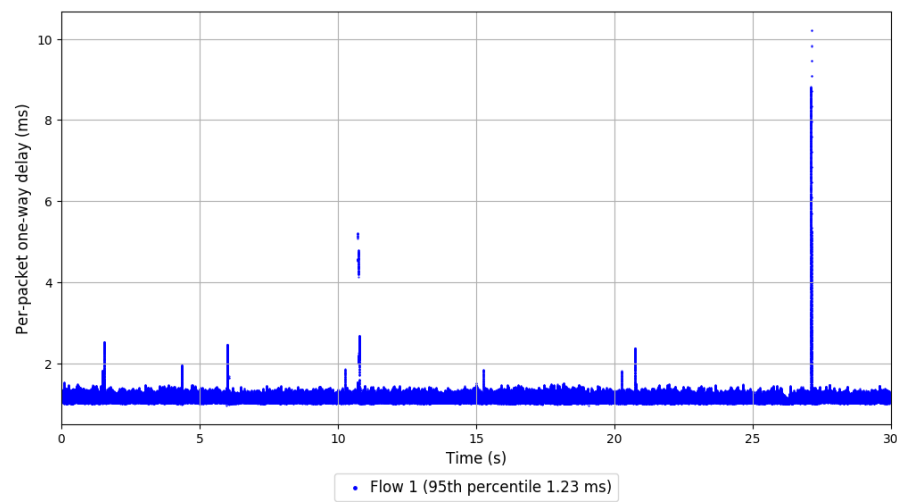
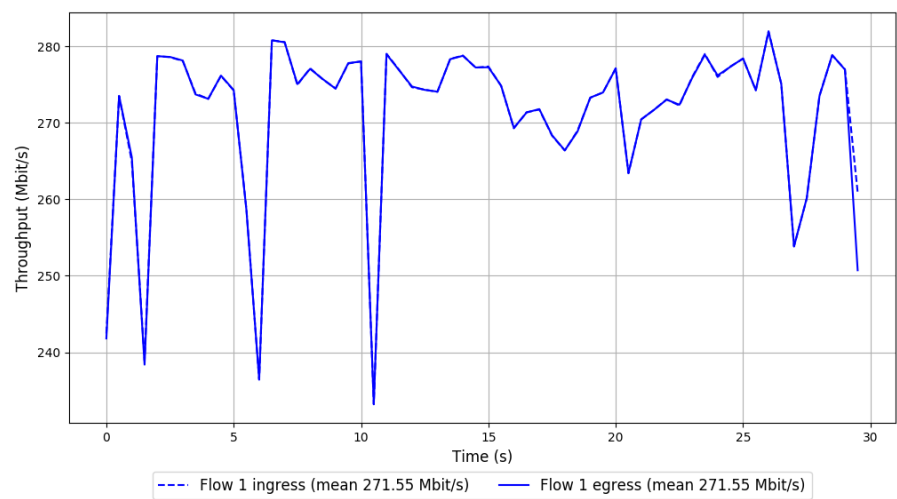


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-27 14:15:37
End at: 2018-02-27 14:16:07
Local clock offset: 0.597 ms
Remote clock offset: -6.539 ms

Below is generated by plot.py at 2018-02-27 21:17:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 271.55 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 271.55 Mbit/s
95th percentile per-packet one-way delay: 1.231 ms
Loss rate: 0.07%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-27 14:43:17

End at: 2018-02-27 14:43:47

Local clock offset: 0.966 ms

Remote clock offset: -6.129 ms

Below is generated by plot.py at 2018-02-27 21:17:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 257.64 Mbit/s

95th percentile per-packet one-way delay: 1.267 ms

Loss rate: 0.06%

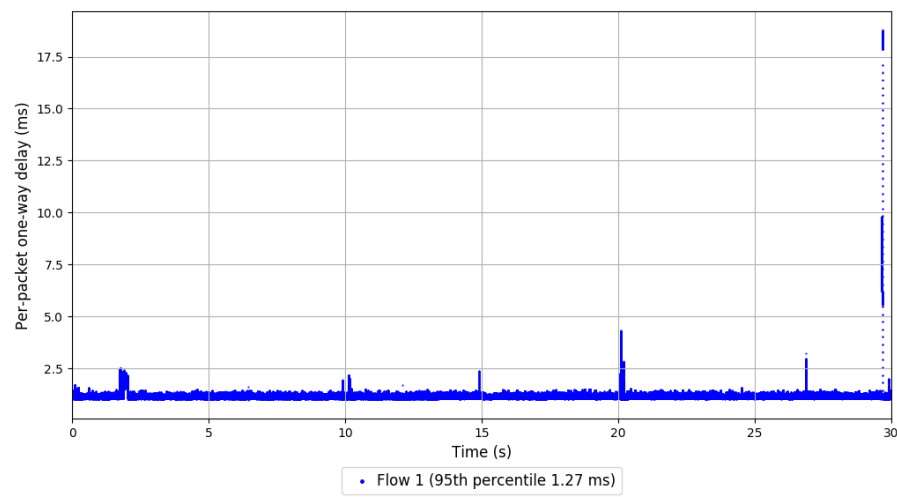
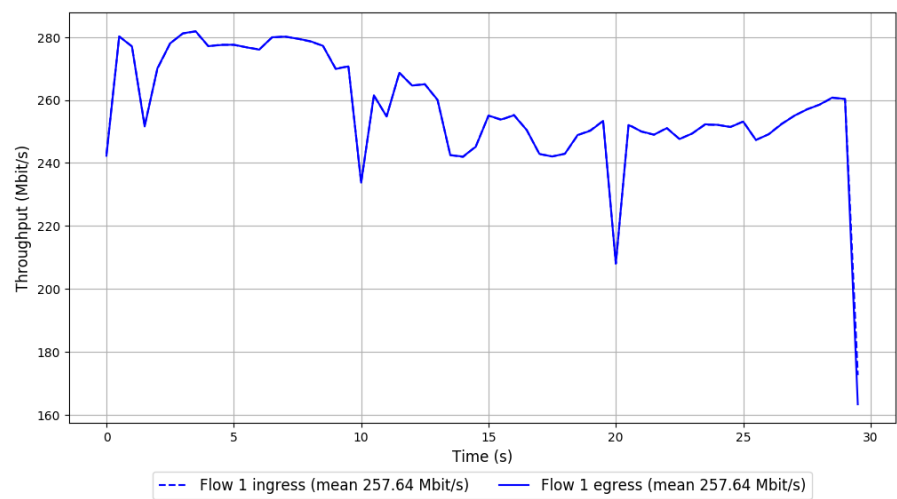
-- Flow 1:

Average throughput: 257.64 Mbit/s

95th percentile per-packet one-way delay: 1.267 ms

Loss rate: 0.06%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-27 15:11:01

End at: 2018-02-27 15:11:31

Local clock offset: 0.848 ms

Remote clock offset: -5.788 ms

Below is generated by plot.py at 2018-02-27 21:18:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.59 Mbit/s

95th percentile per-packet one-way delay: 1.060 ms

Loss rate: 0.07%

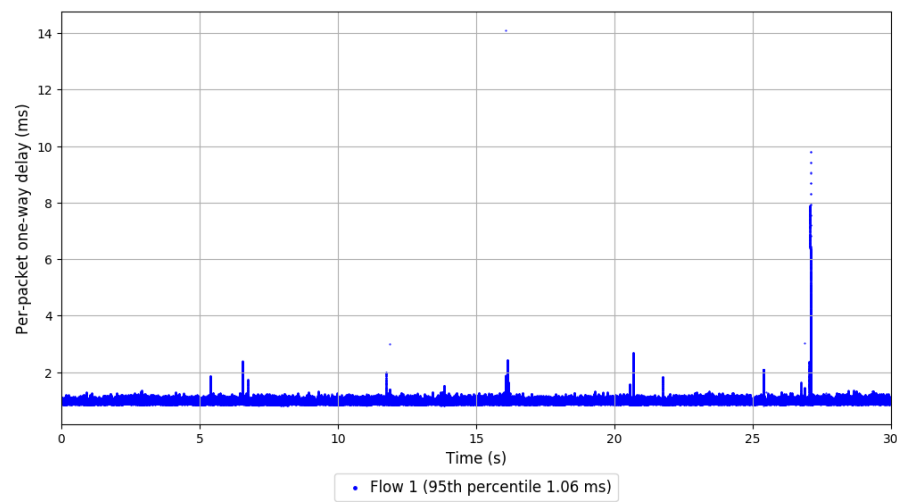
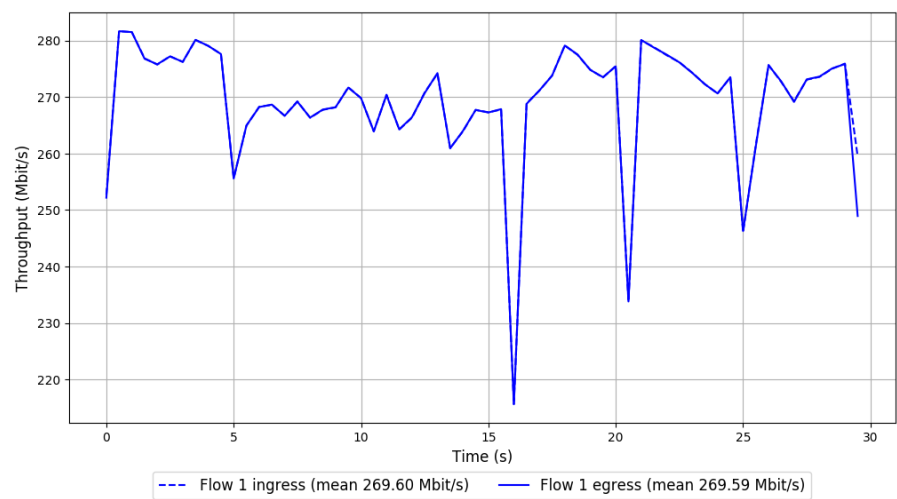
-- Flow 1:

Average throughput: 269.59 Mbit/s

95th percentile per-packet one-way delay: 1.060 ms

Loss rate: 0.07%

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

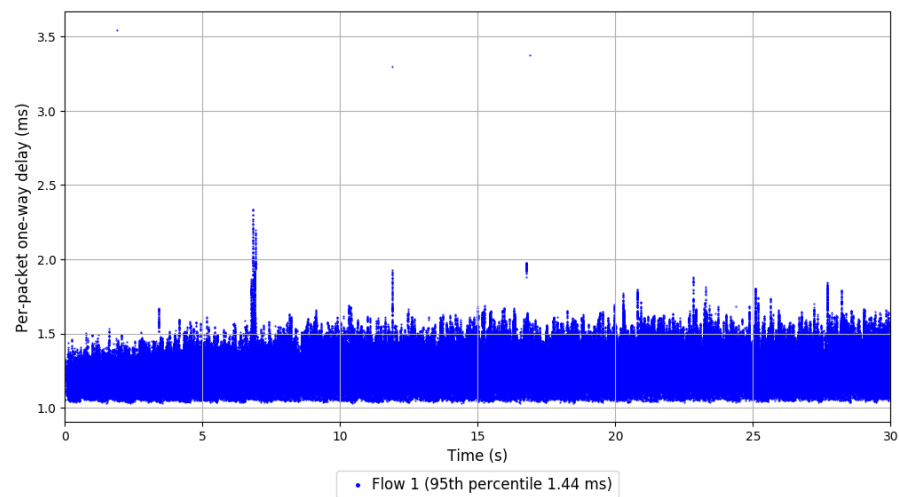
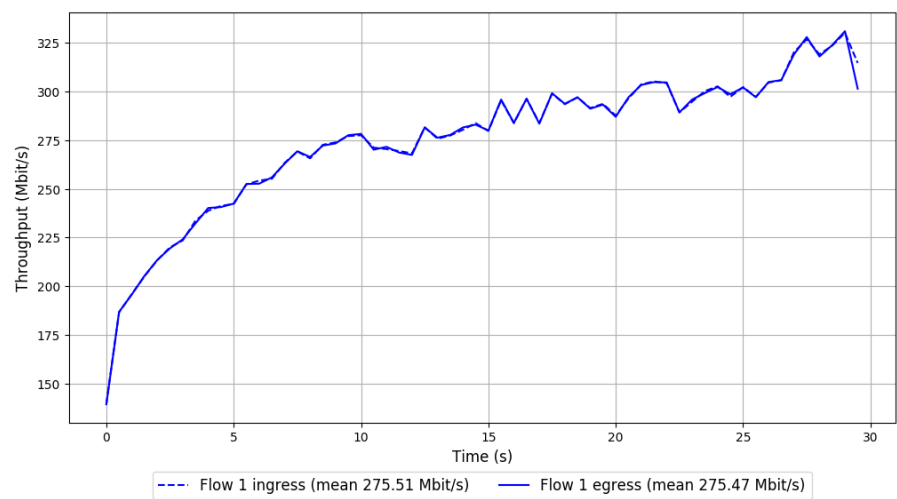


Run 1: Statistics of TCP Vegas

Start at: 2018-02-27 11:07:33
End at: 2018-02-27 11:08:03
Local clock offset: 0.283 ms
Remote clock offset: -5.718 ms

Below is generated by plot.py at 2018-02-27 21:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 275.47 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 275.47 Mbit/s
95th percentile per-packet one-way delay: 1.440 ms
Loss rate: 0.08%

Run 1: Report of TCP Vegas — Data Link

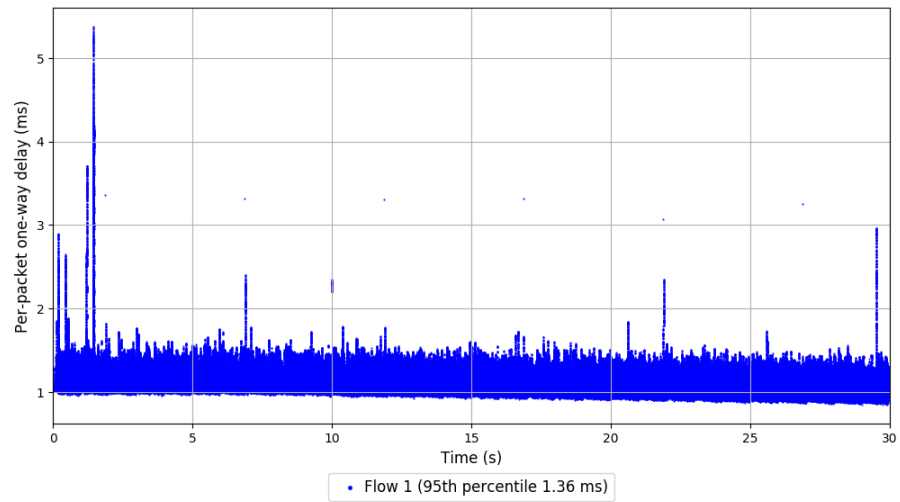
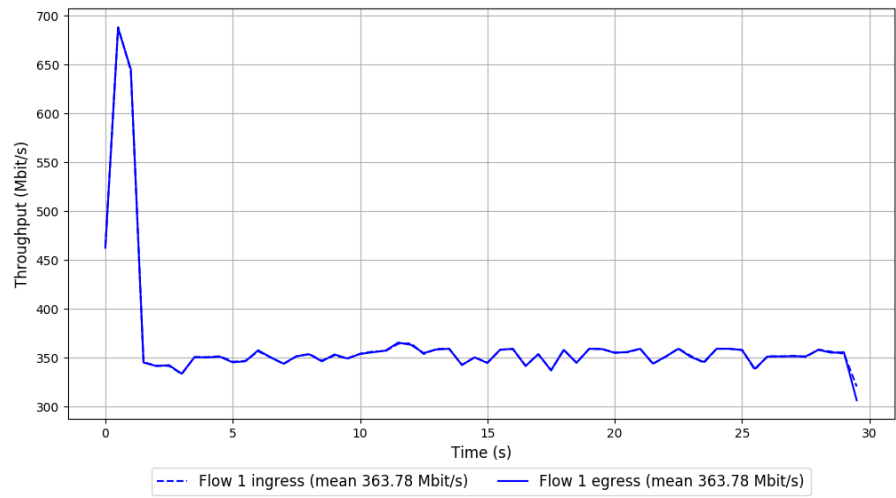


Run 2: Statistics of TCP Vegas

Start at: 2018-02-27 11:35:19
End at: 2018-02-27 11:35:49
Local clock offset: -0.706 ms
Remote clock offset: -6.063 ms

Below is generated by plot.py at 2018-02-27 21:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 363.78 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 363.78 Mbit/s
95th percentile per-packet one-way delay: 1.359 ms
Loss rate: 0.07%

Run 2: Report of TCP Vegas — Data Link

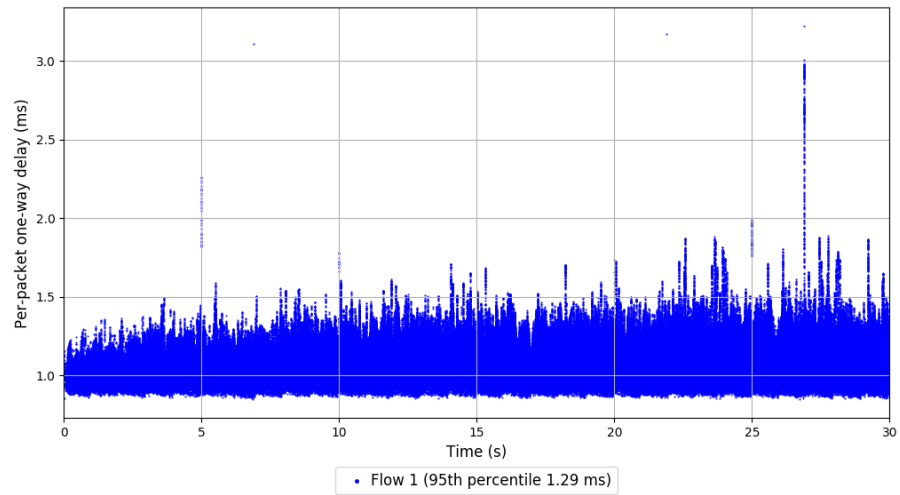
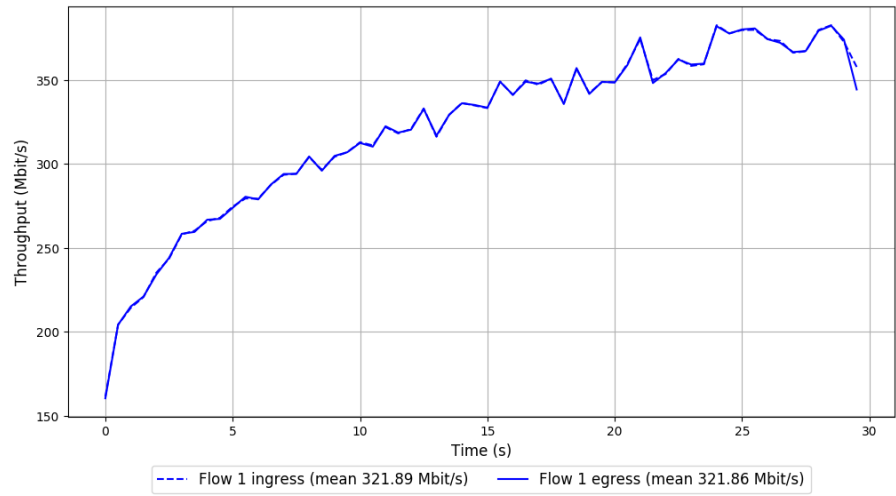


Run 3: Statistics of TCP Vegas

Start at: 2018-02-27 12:03:04
End at: 2018-02-27 12:03:34
Local clock offset: 2.107 ms
Remote clock offset: -4.981 ms

Below is generated by plot.py at 2018-02-27 21:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 321.86 Mbit/s
95th percentile per-packet one-way delay: 1.287 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 321.86 Mbit/s
95th percentile per-packet one-way delay: 1.287 ms
Loss rate: 0.07%

Run 3: Report of TCP Vegas — Data Link

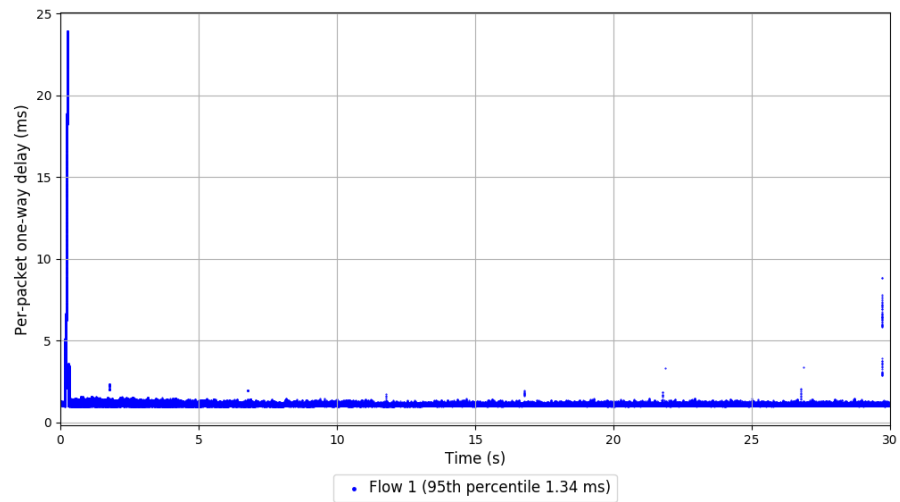
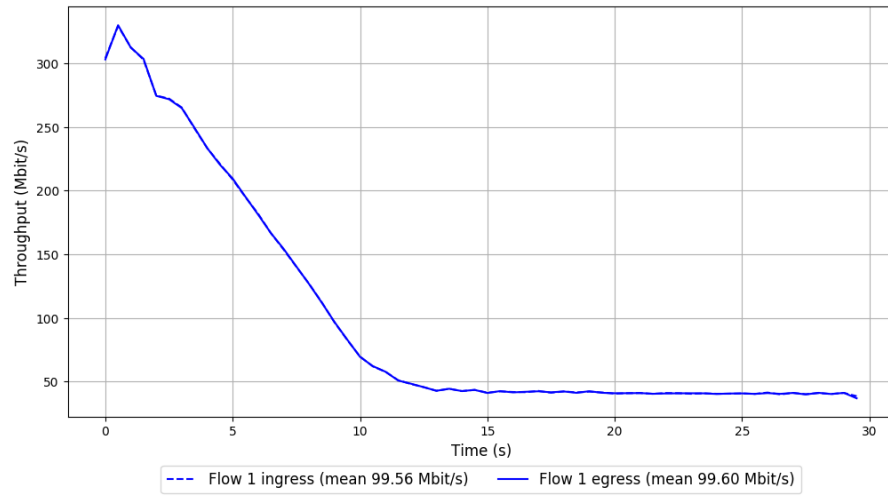


Run 4: Statistics of TCP Vegas

Start at: 2018-02-27 12:30:49
End at: 2018-02-27 12:31:19
Local clock offset: 0.808 ms
Remote clock offset: -5.456 ms

Below is generated by plot.py at 2018-02-27 21:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.60 Mbit/s
95th percentile per-packet one-way delay: 1.336 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 99.60 Mbit/s
95th percentile per-packet one-way delay: 1.336 ms
Loss rate: 0.03%

Run 4: Report of TCP Vegas — Data Link

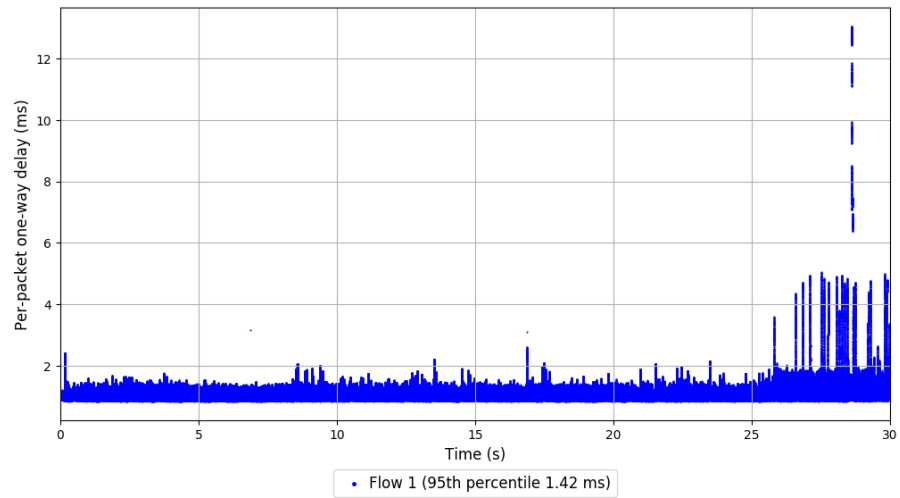
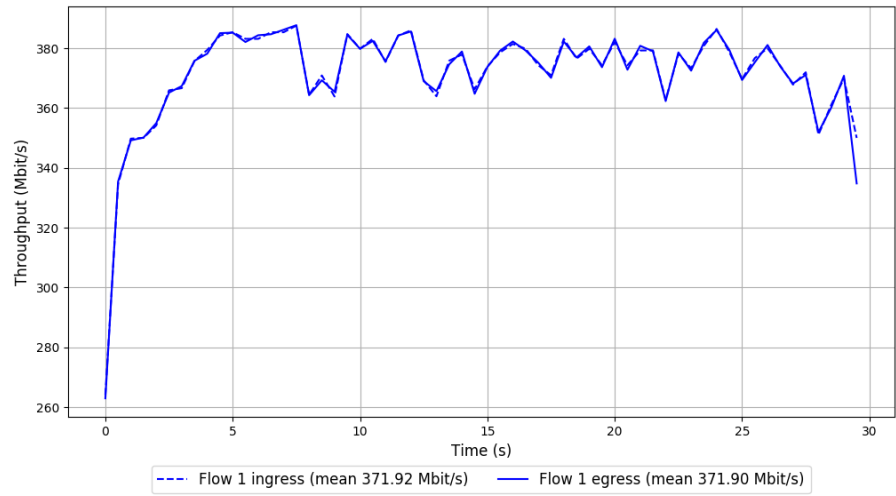


Run 5: Statistics of TCP Vegas

Start at: 2018-02-27 12:58:27
End at: 2018-02-27 12:58:57
Local clock offset: 0.572 ms
Remote clock offset: -5.339 ms

Below is generated by plot.py at 2018-02-27 21:18:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 371.90 Mbit/s
95th percentile per-packet one-way delay: 1.424 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 371.90 Mbit/s
95th percentile per-packet one-way delay: 1.424 ms
Loss rate: 0.07%

Run 5: Report of TCP Vegas — Data Link

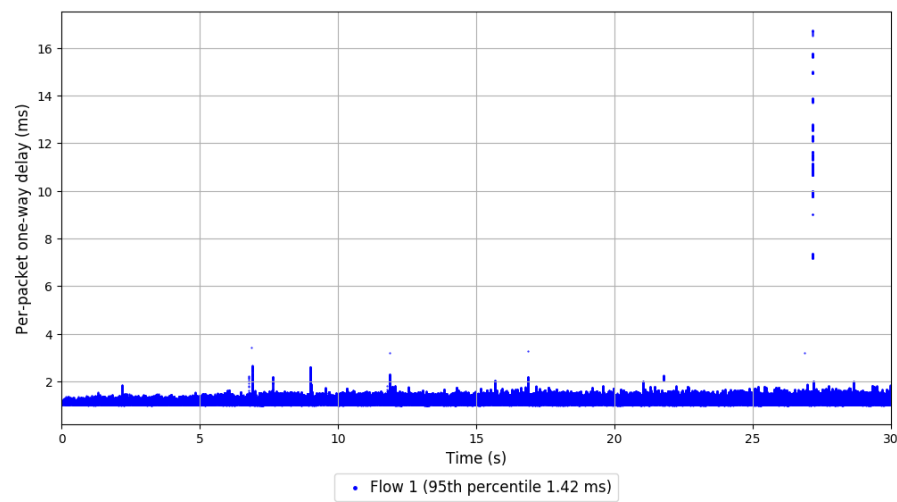
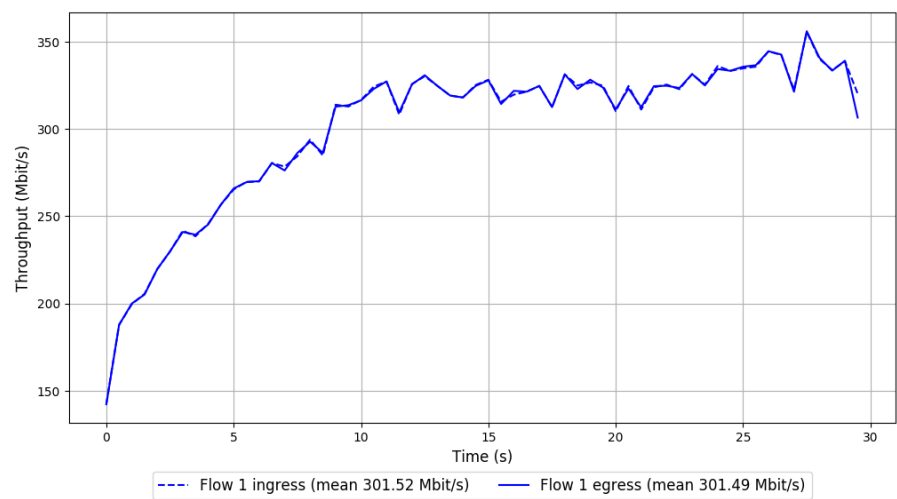


Run 6: Statistics of TCP Vegas

Start at: 2018-02-27 13:26:13
End at: 2018-02-27 13:26:43
Local clock offset: 0.73 ms
Remote clock offset: -5.292 ms

Below is generated by plot.py at 2018-02-27 21:18:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 301.49 Mbit/s
95th percentile per-packet one-way delay: 1.420 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 301.49 Mbit/s
95th percentile per-packet one-way delay: 1.420 ms
Loss rate: 0.08%

Run 6: Report of TCP Vegas — Data Link

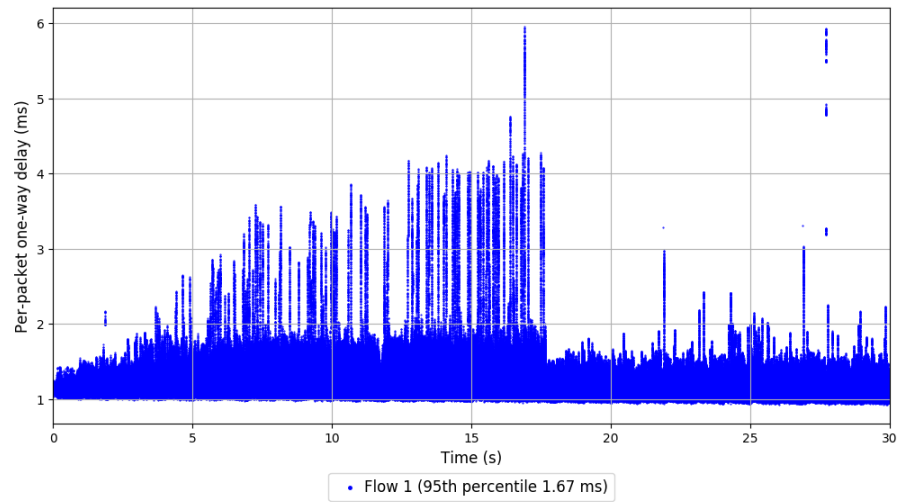
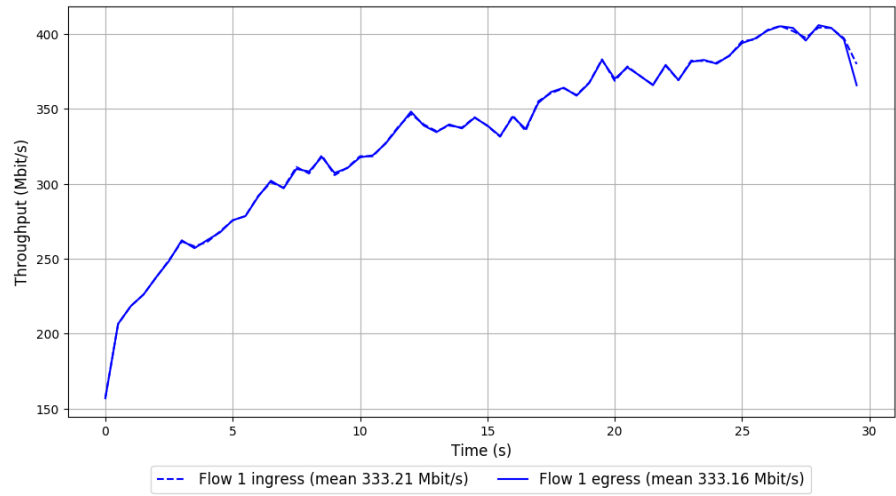


Run 7: Statistics of TCP Vegas

Start at: 2018-02-27 13:54:15
End at: 2018-02-27 13:54:45
Local clock offset: 0.761 ms
Remote clock offset: -5.154 ms

Below is generated by plot.py at 2018-02-27 21:20:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 333.16 Mbit/s
95th percentile per-packet one-way delay: 1.672 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 333.16 Mbit/s
95th percentile per-packet one-way delay: 1.672 ms
Loss rate: 0.08%

Run 7: Report of TCP Vegas — Data Link

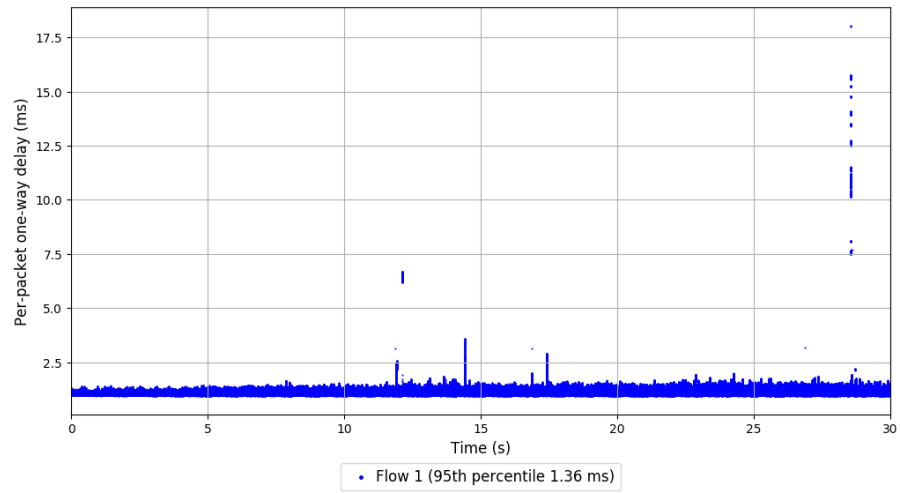
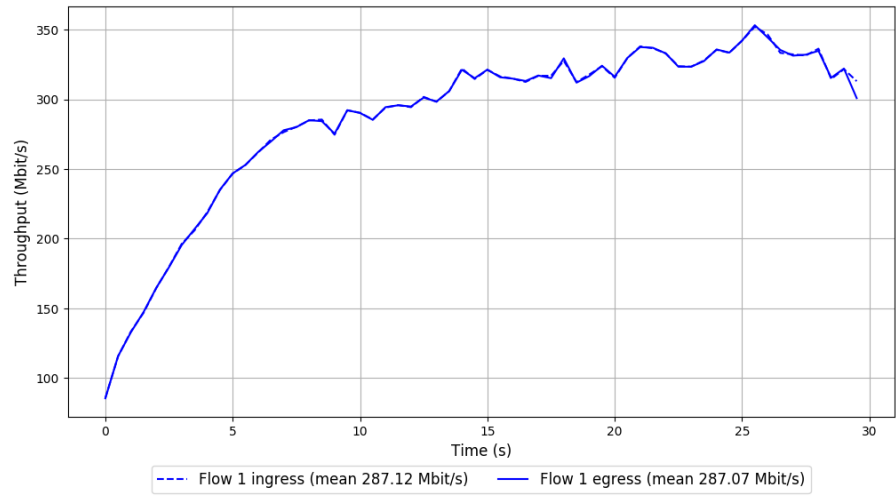


Run 8: Statistics of TCP Vegas

Start at: 2018-02-27 14:22:23
End at: 2018-02-27 14:22:53
Local clock offset: 0.476 ms
Remote clock offset: -6.668 ms

Below is generated by plot.py at 2018-02-27 21:20:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 287.07 Mbit/s
95th percentile per-packet one-way delay: 1.362 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 287.07 Mbit/s
95th percentile per-packet one-way delay: 1.362 ms
Loss rate: 0.07%

Run 8: Report of TCP Vegas — Data Link

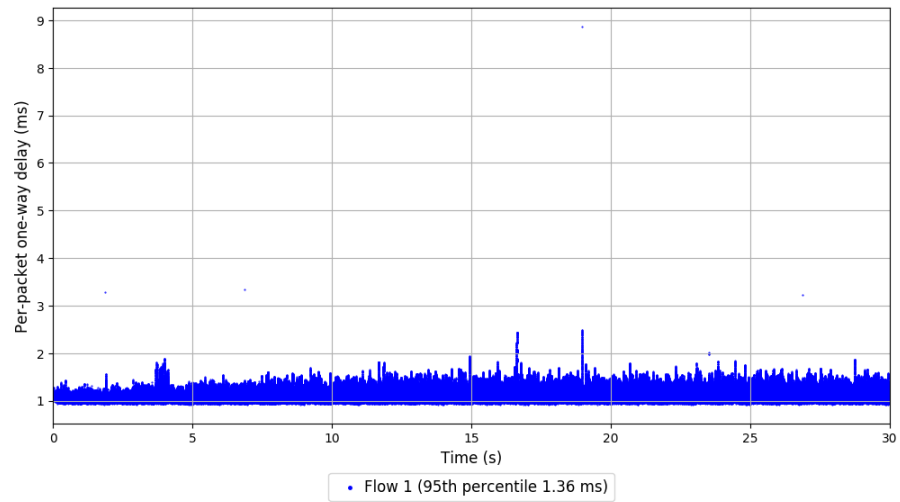
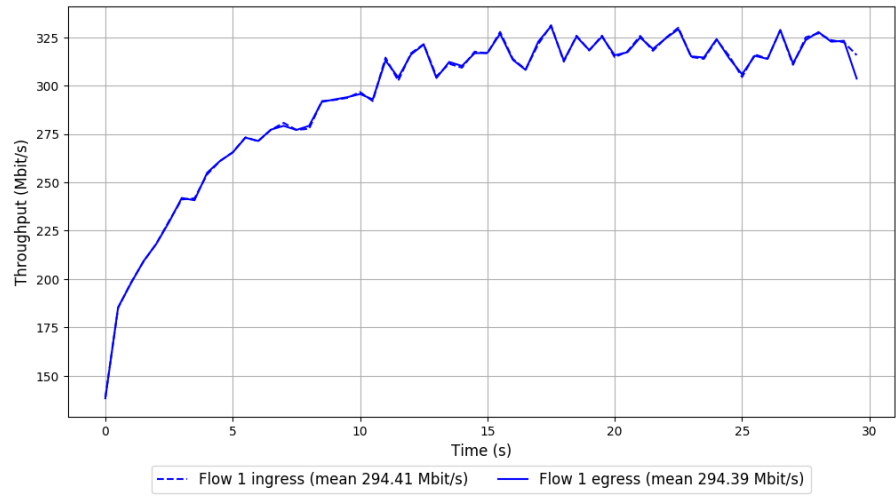


Run 9: Statistics of TCP Vegas

Start at: 2018-02-27 14:49:58
End at: 2018-02-27 14:50:28
Local clock offset: 0.925 ms
Remote clock offset: -6.016 ms

Below is generated by plot.py at 2018-02-27 21:21:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 294.39 Mbit/s
95th percentile per-packet one-way delay: 1.360 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 294.39 Mbit/s
95th percentile per-packet one-way delay: 1.360 ms
Loss rate: 0.08%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-27 15:17:47

End at: 2018-02-27 15:18:17

Local clock offset: 0.9 ms

Remote clock offset: -5.815 ms

Below is generated by plot.py at 2018-02-27 21:21:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.84 Mbit/s

95th percentile per-packet one-way delay: 1.307 ms

Loss rate: 0.04%

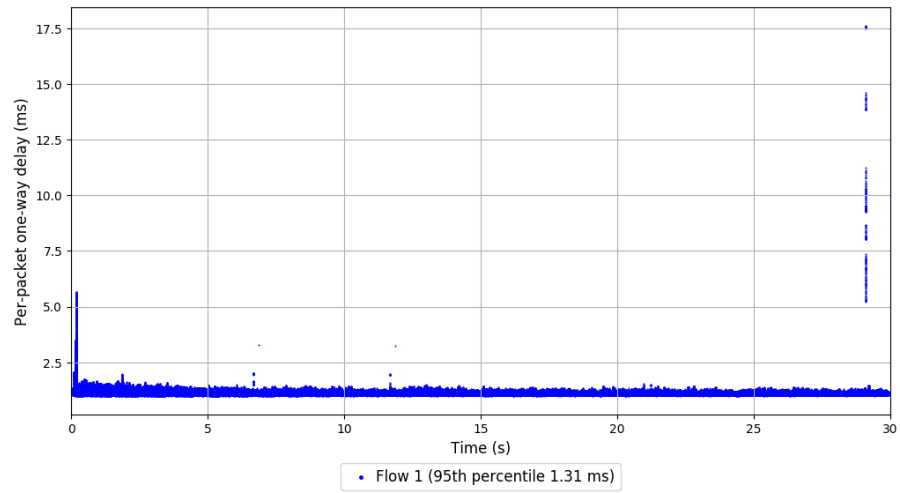
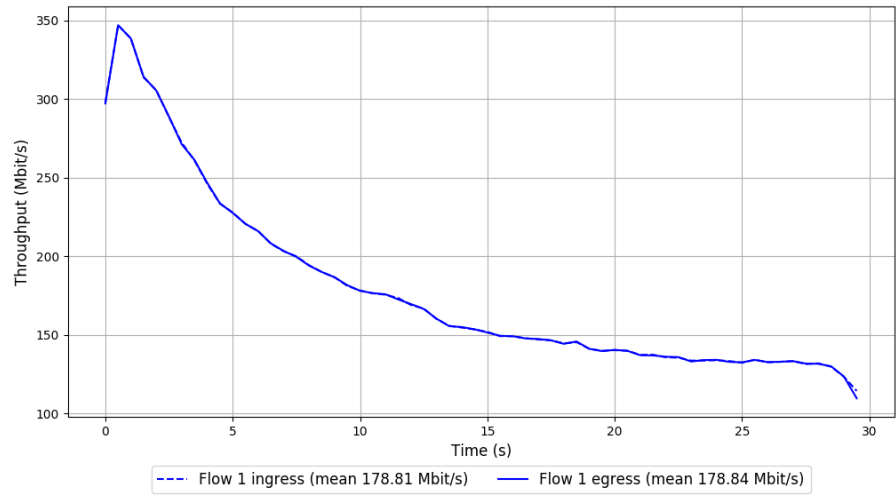
-- Flow 1:

Average throughput: 178.84 Mbit/s

95th percentile per-packet one-way delay: 1.307 ms

Loss rate: 0.04%

Run 10: Report of TCP Vegas — Data Link

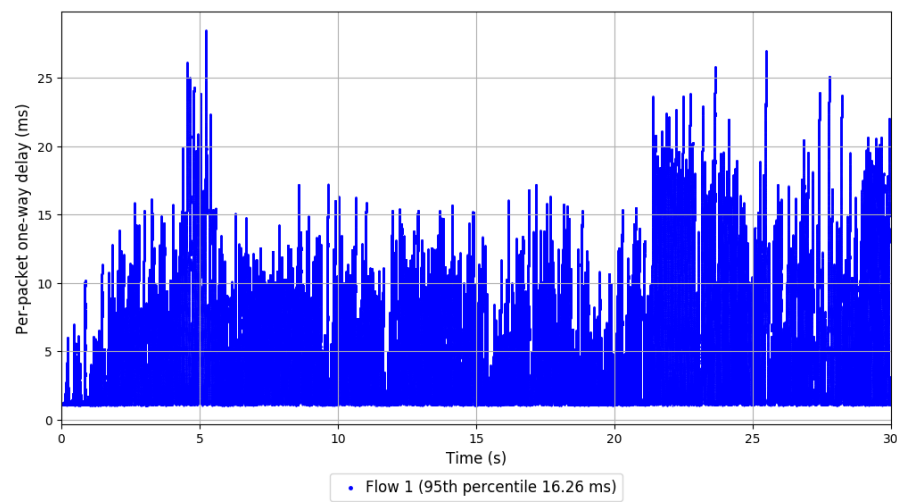
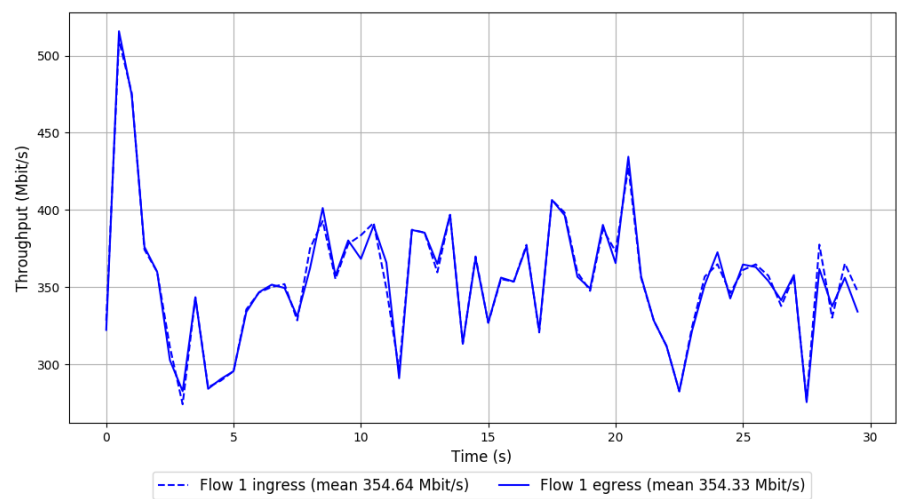


Run 1: Statistics of Verus

Start at: 2018-02-27 11:13:47
End at: 2018-02-27 11:14:17
Local clock offset: -0.093 ms
Remote clock offset: -5.976 ms

Below is generated by plot.py at 2018-02-27 21:23:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 354.33 Mbit/s
95th percentile per-packet one-way delay: 16.258 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 354.33 Mbit/s
95th percentile per-packet one-way delay: 16.258 ms
Loss rate: 0.15%

Run 1: Report of Verus — Data Link

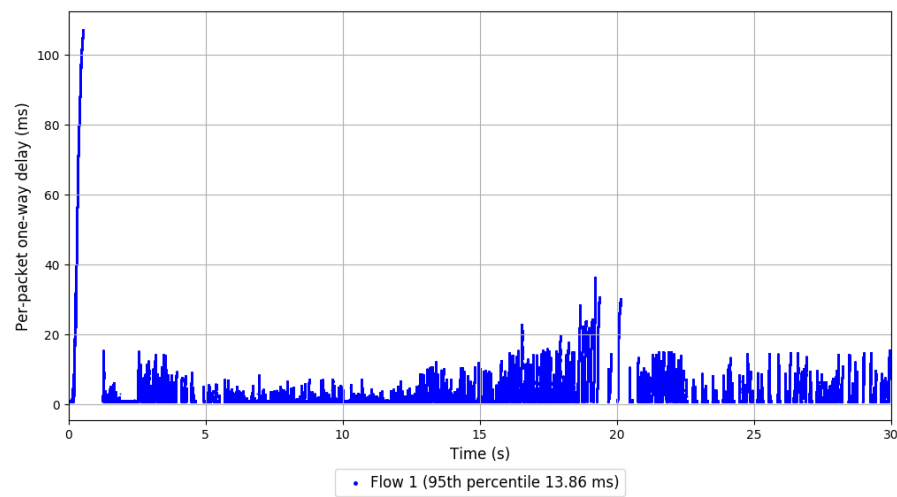
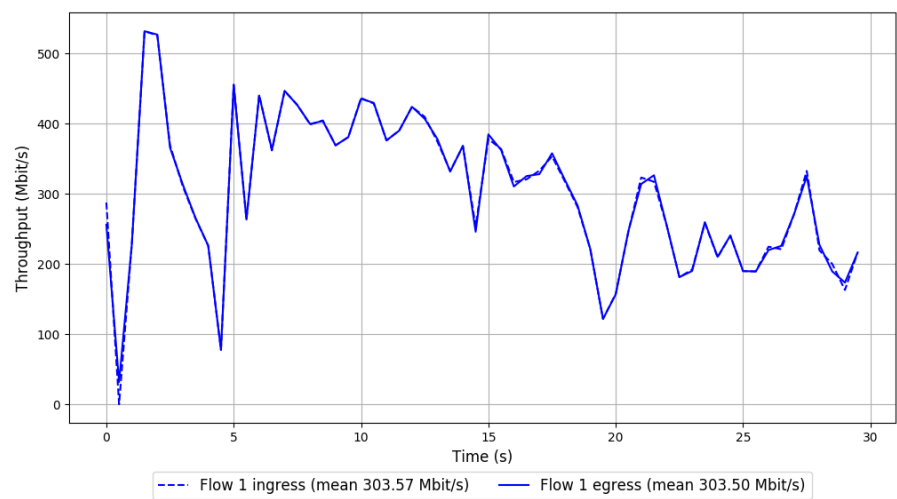


Run 2: Statistics of Verus

Start at: 2018-02-27 11:41:35
End at: 2018-02-27 11:42:05
Local clock offset: 0.588 ms
Remote clock offset: -5.673 ms

Below is generated by plot.py at 2018-02-27 21:23:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 303.50 Mbit/s
95th percentile per-packet one-way delay: 13.856 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 303.50 Mbit/s
95th percentile per-packet one-way delay: 13.856 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

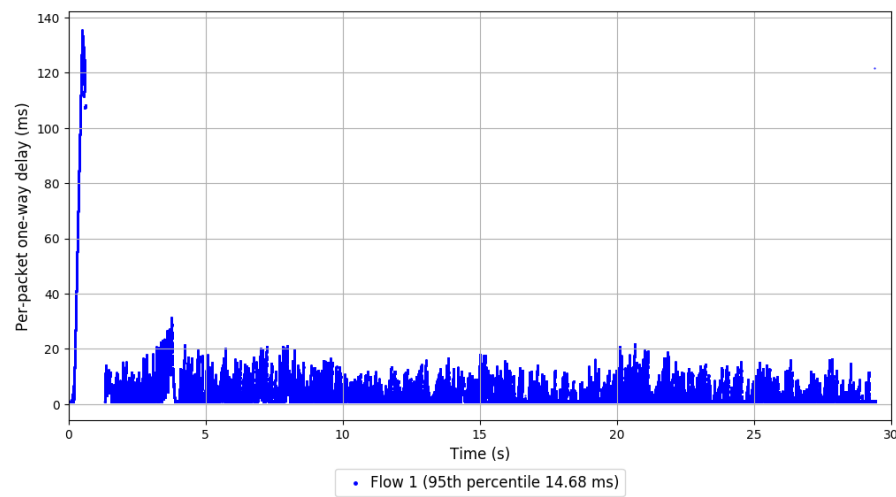
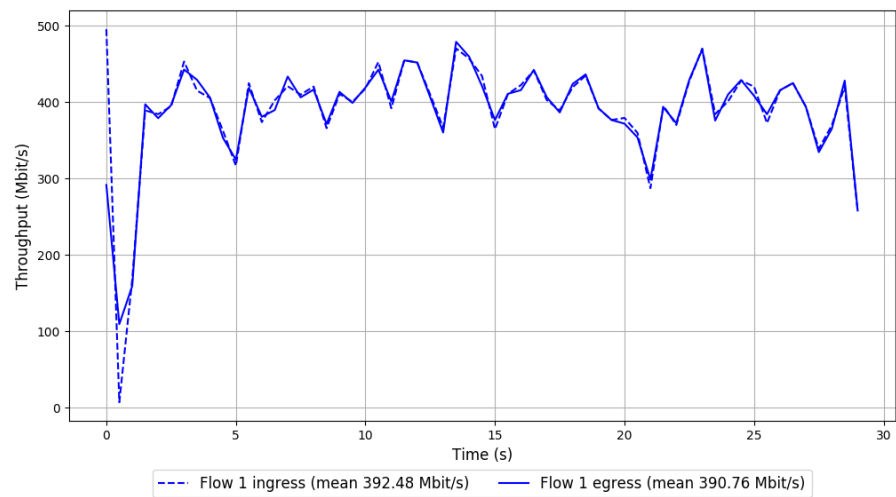


Run 3: Statistics of Verus

Start at: 2018-02-27 12:09:15
End at: 2018-02-27 12:09:45
Local clock offset: 2.385 ms
Remote clock offset: -4.825 ms

Below is generated by plot.py at 2018-02-27 21:23:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.76 Mbit/s
95th percentile per-packet one-way delay: 14.680 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 390.76 Mbit/s
95th percentile per-packet one-way delay: 14.680 ms
Loss rate: 0.44%

Run 3: Report of Verus — Data Link

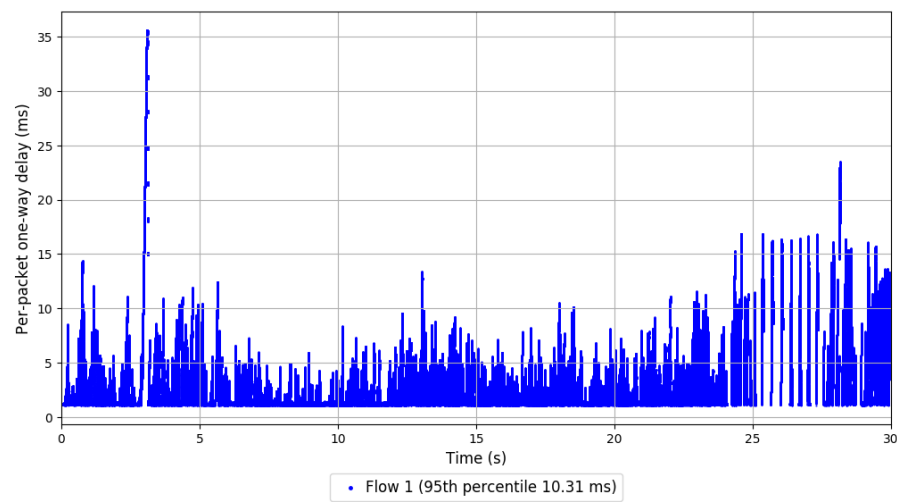
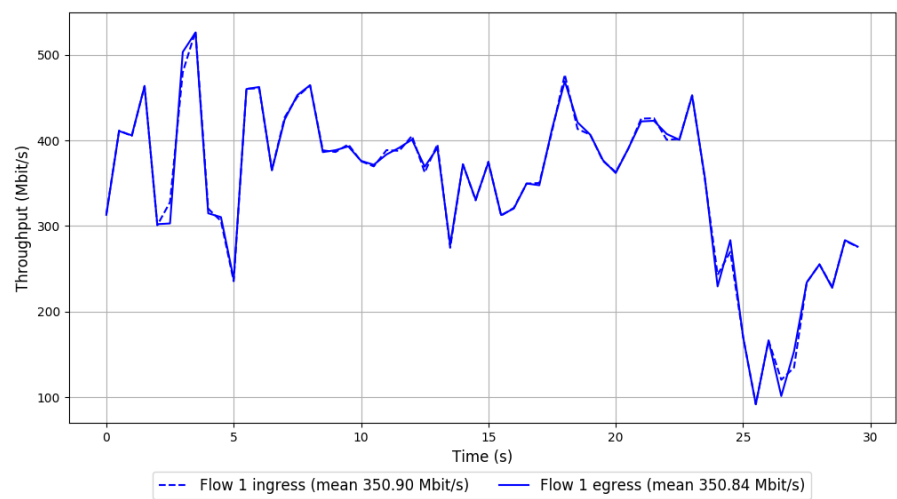


Run 4: Statistics of Verus

Start at: 2018-02-27 12:36:55
End at: 2018-02-27 12:37:25
Local clock offset: 0.642 ms
Remote clock offset: -5.591 ms

Below is generated by plot.py at 2018-02-27 21:24:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 350.84 Mbit/s
95th percentile per-packet one-way delay: 10.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 350.84 Mbit/s
95th percentile per-packet one-way delay: 10.307 ms
Loss rate: 0.00%

Run 4: Report of Verus — Data Link

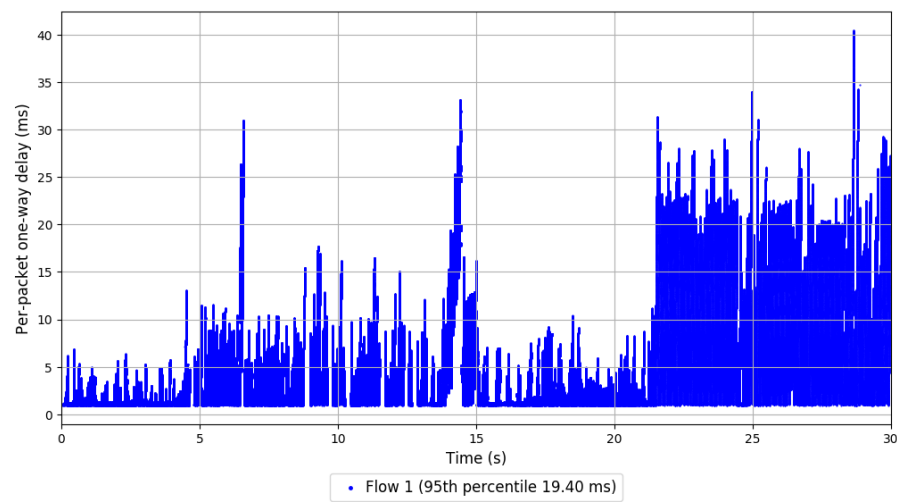
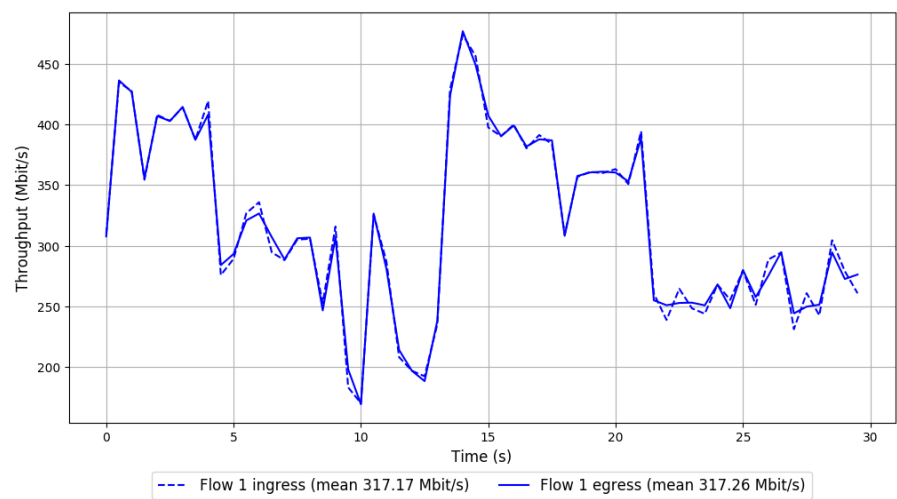


Run 5: Statistics of Verus

Start at: 2018-02-27 13:04:44
End at: 2018-02-27 13:05:14
Local clock offset: 0.625 ms
Remote clock offset: -5.348 ms

Below is generated by plot.py at 2018-02-27 21:25:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 317.26 Mbit/s
95th percentile per-packet one-way delay: 19.397 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 317.26 Mbit/s
95th percentile per-packet one-way delay: 19.397 ms
Loss rate: 0.02%

Run 5: Report of Verus — Data Link

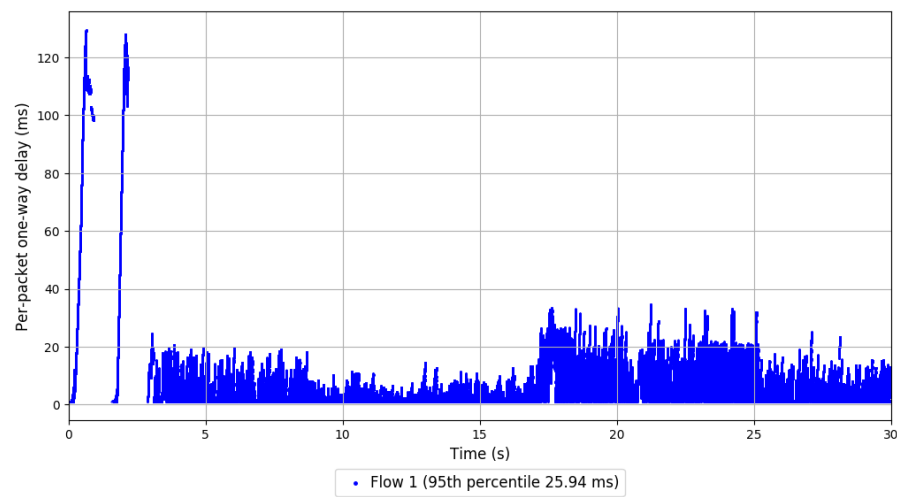
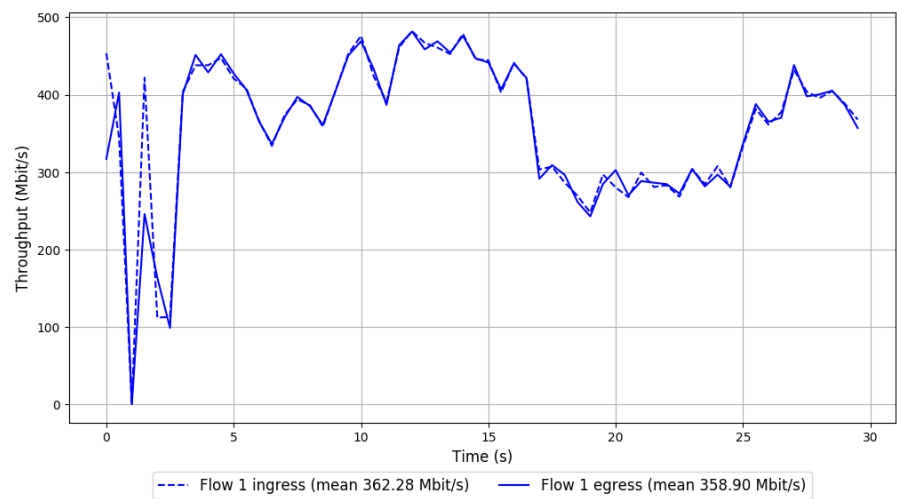


Run 6: Statistics of Verus

Start at: 2018-02-27 13:32:27
End at: 2018-02-27 13:32:57
Local clock offset: 0.761 ms
Remote clock offset: -5.231 ms

Below is generated by plot.py at 2018-02-27 21:25:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 358.90 Mbit/s
95th percentile per-packet one-way delay: 25.942 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 358.90 Mbit/s
95th percentile per-packet one-way delay: 25.942 ms
Loss rate: 1.00%

Run 6: Report of Verus — Data Link

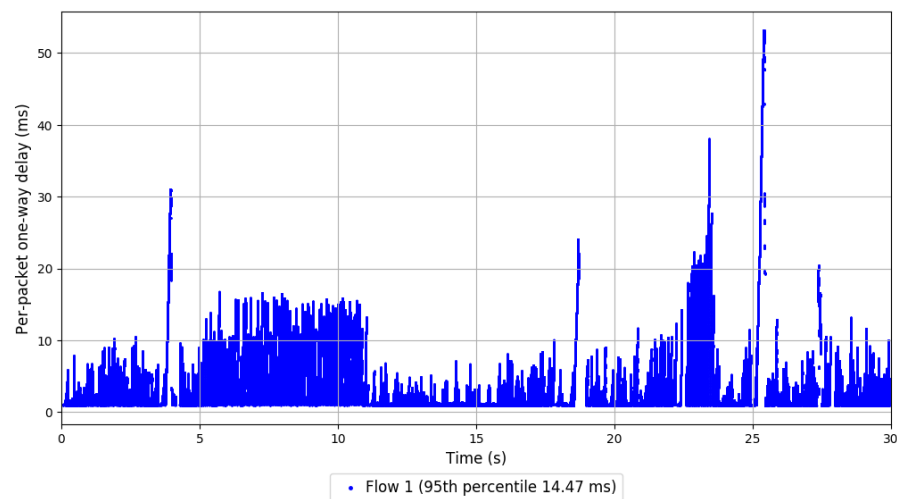
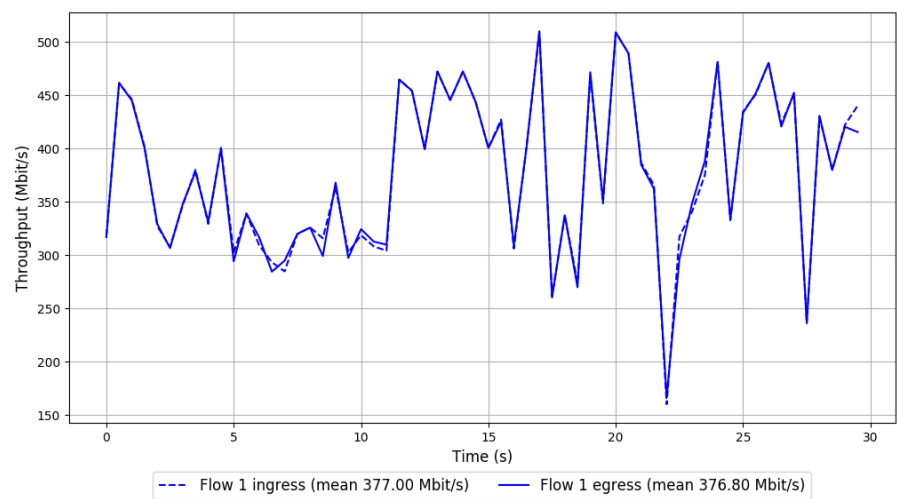


Run 7: Statistics of Verus

Start at: 2018-02-27 14:00:31
End at: 2018-02-27 14:01:01
Local clock offset: 0.669 ms
Remote clock offset: -5.827 ms

Below is generated by plot.py at 2018-02-27 21:26:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 376.80 Mbit/s
95th percentile per-packet one-way delay: 14.471 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 376.80 Mbit/s
95th percentile per-packet one-way delay: 14.471 ms
Loss rate: 0.12%

Run 7: Report of Verus — Data Link

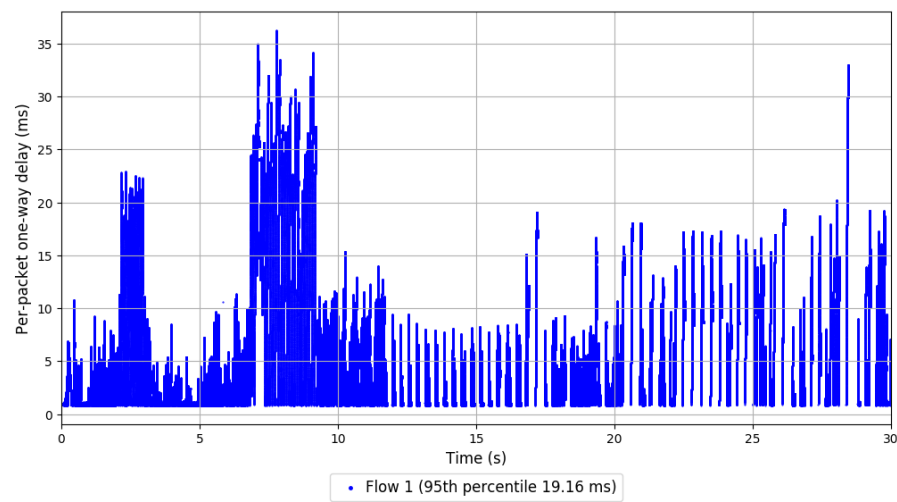
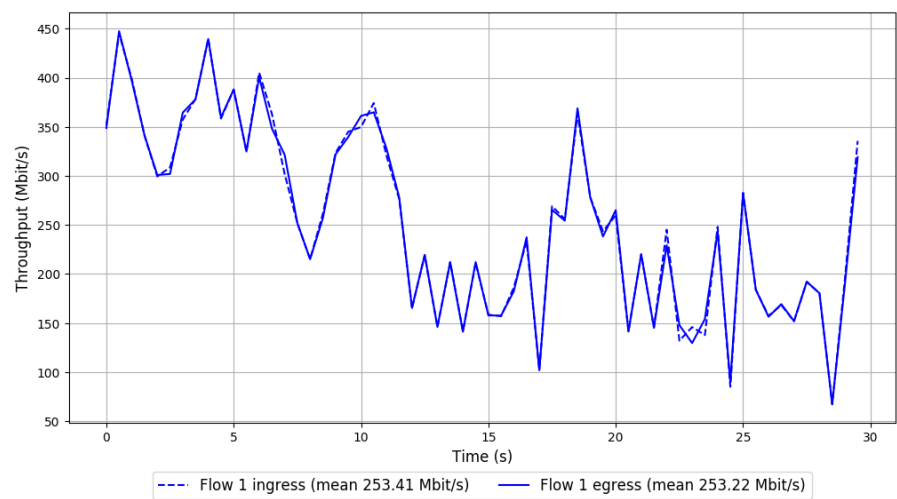


Run 8: Statistics of Verus

Start at: 2018-02-27 14:28:31
End at: 2018-02-27 14:29:01
Local clock offset: 0.511 ms
Remote clock offset: -6.583 ms

Below is generated by plot.py at 2018-02-27 21:26:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 253.22 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 253.22 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.14%

Run 8: Report of Verus — Data Link

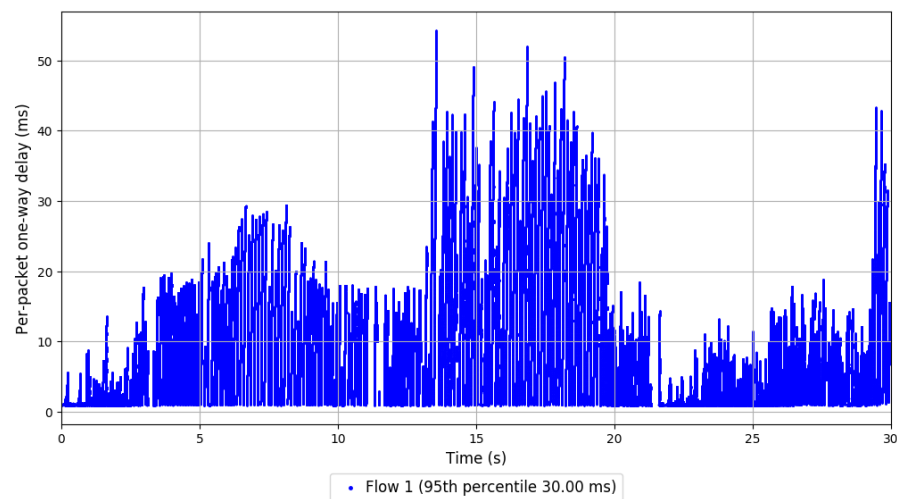
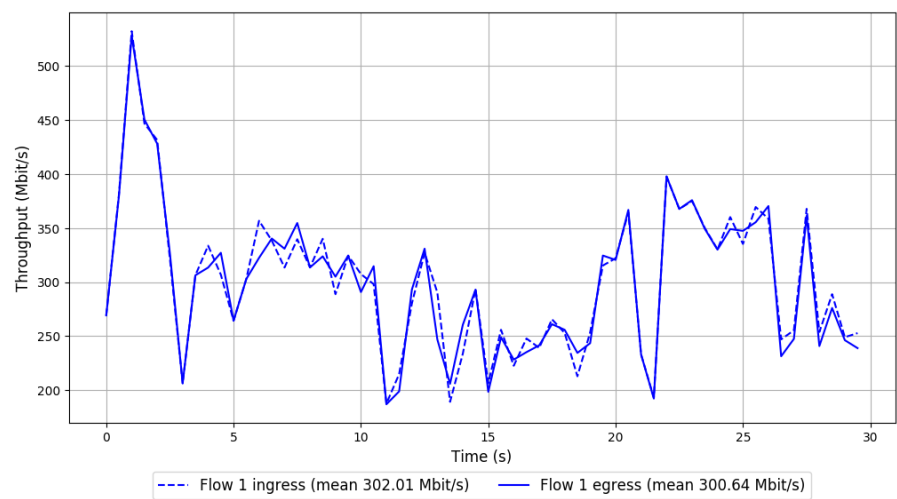


Run 9: Statistics of Verus

Start at: 2018-02-27 14:56:11
End at: 2018-02-27 14:56:42
Local clock offset: 0.941 ms
Remote clock offset: -5.935 ms

Below is generated by plot.py at 2018-02-27 21:26:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 300.64 Mbit/s
95th percentile per-packet one-way delay: 30.000 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 300.64 Mbit/s
95th percentile per-packet one-way delay: 30.000 ms
Loss rate: 0.41%

Run 9: Report of Verus — Data Link

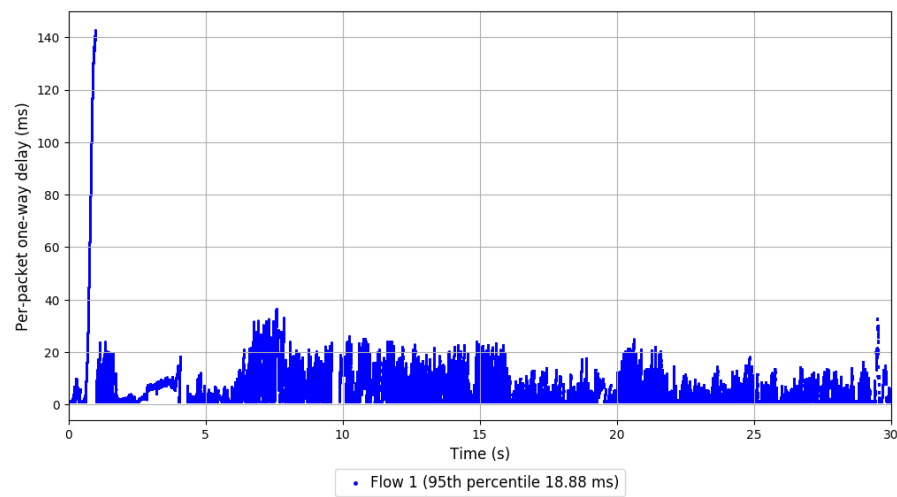
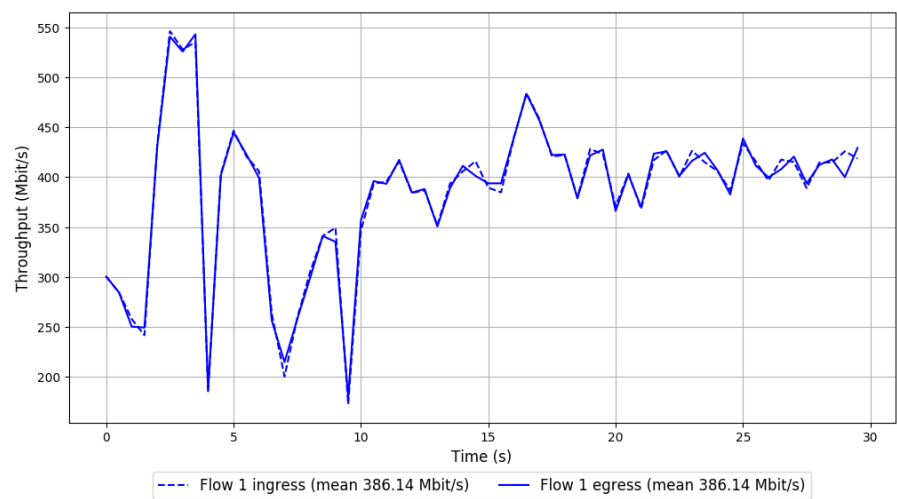


Run 10: Statistics of Verus

Start at: 2018-02-27 15:23:57
End at: 2018-02-27 15:24:27
Local clock offset: 0.9 ms
Remote clock offset: -5.801 ms

Below is generated by plot.py at 2018-02-27 21:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 386.14 Mbit/s
95th percentile per-packet one-way delay: 18.881 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 386.14 Mbit/s
95th percentile per-packet one-way delay: 18.881 ms
Loss rate: 0.07%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-27 11:20:01

End at: 2018-02-27 11:20:31

Local clock offset: -0.364 ms

Remote clock offset: -6.07 ms

Below is generated by plot.py at 2018-02-27 21:28:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.42 Mbit/s

95th percentile per-packet one-way delay: 1.233 ms

Loss rate: 0.06%

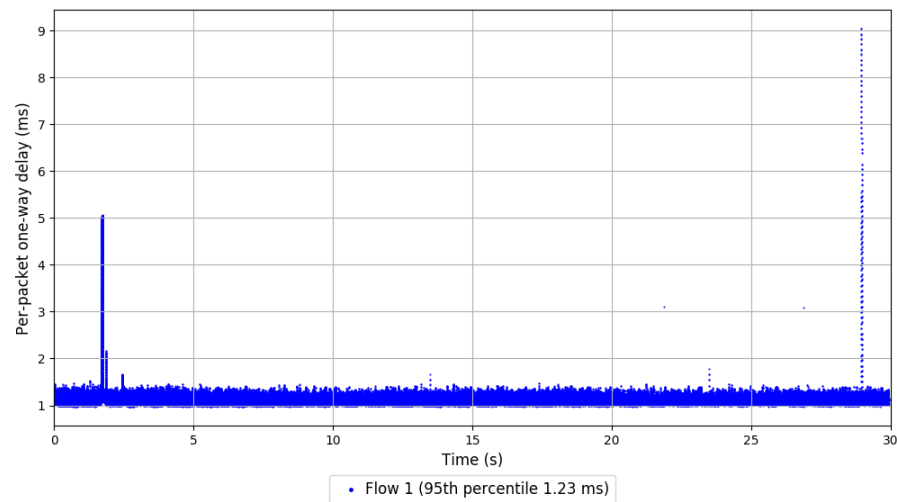
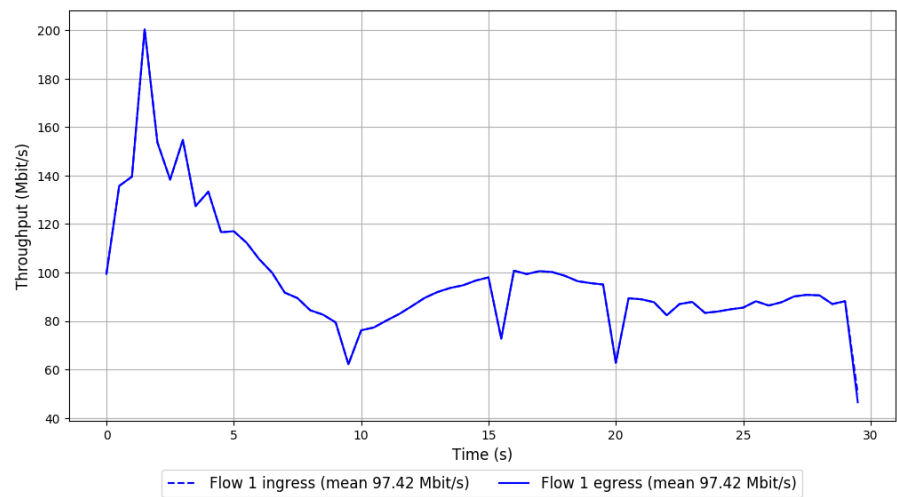
-- Flow 1:

Average throughput: 97.42 Mbit/s

95th percentile per-packet one-way delay: 1.233 ms

Loss rate: 0.06%

Run 1: Report of Copa — Data Link

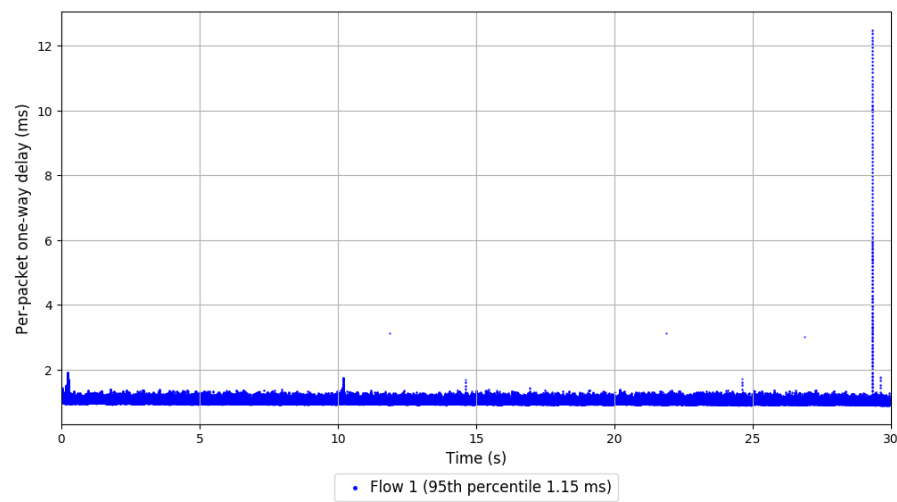
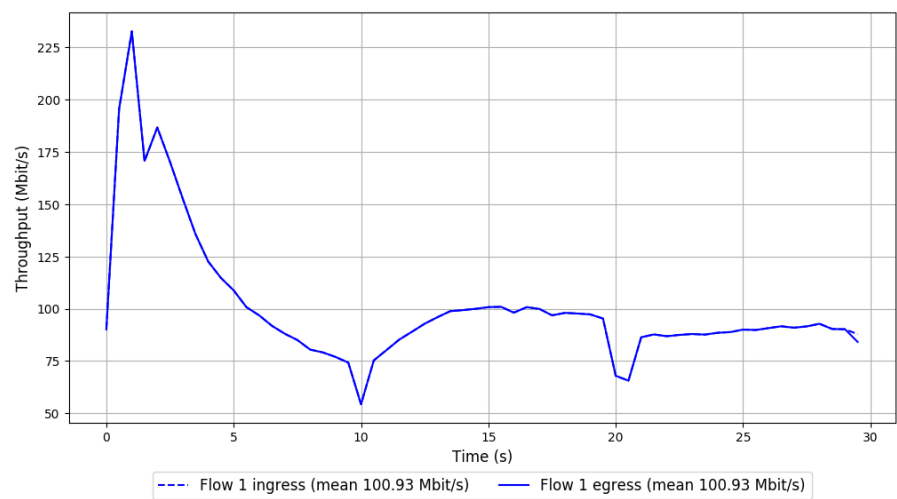


Run 2: Statistics of Copa

Start at: 2018-02-27 11:47:50
End at: 2018-02-27 11:48:20
Local clock offset: 1.39 ms
Remote clock offset: -5.391 ms

Below is generated by plot.py at 2018-02-27 21:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.93 Mbit/s
95th percentile per-packet one-way delay: 1.145 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 100.93 Mbit/s
95th percentile per-packet one-way delay: 1.145 ms
Loss rate: 0.07%

Run 2: Report of Copa — Data Link

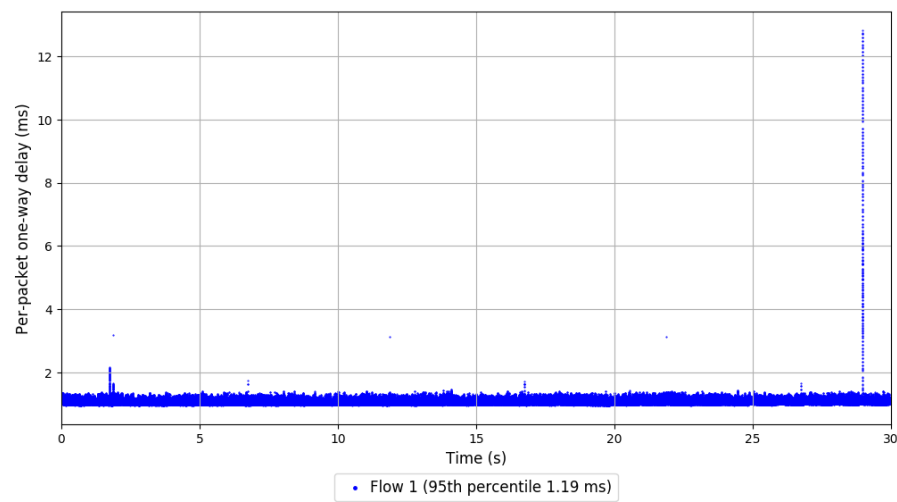
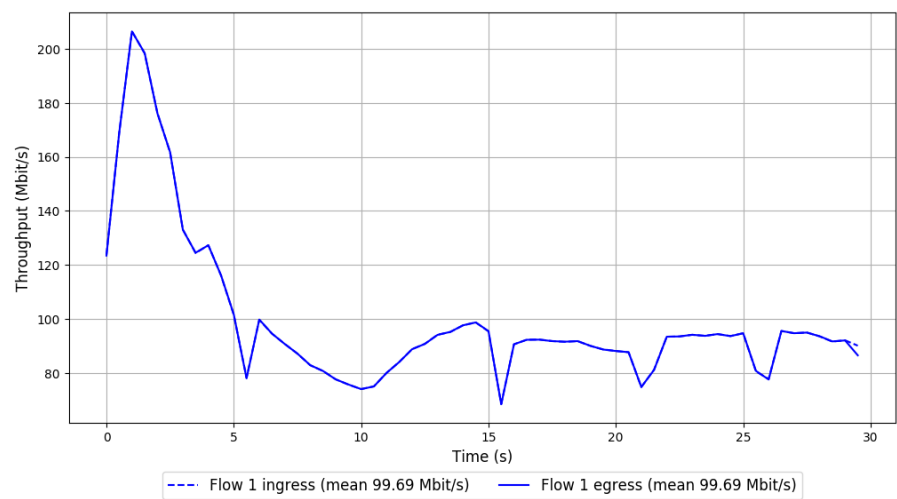


Run 3: Statistics of Copa

Start at: 2018-02-27 12:15:34
End at: 2018-02-27 12:16:04
Local clock offset: 1.58 ms
Remote clock offset: -5.105 ms

Below is generated by plot.py at 2018-02-27 21:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.69 Mbit/s
95th percentile per-packet one-way delay: 1.192 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 99.69 Mbit/s
95th percentile per-packet one-way delay: 1.192 ms
Loss rate: 0.06%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-27 12:43:11

End at: 2018-02-27 12:43:41

Local clock offset: 0.521 ms

Remote clock offset: -5.58 ms

Below is generated by plot.py at 2018-02-27 21:28:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 100.01 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.06%

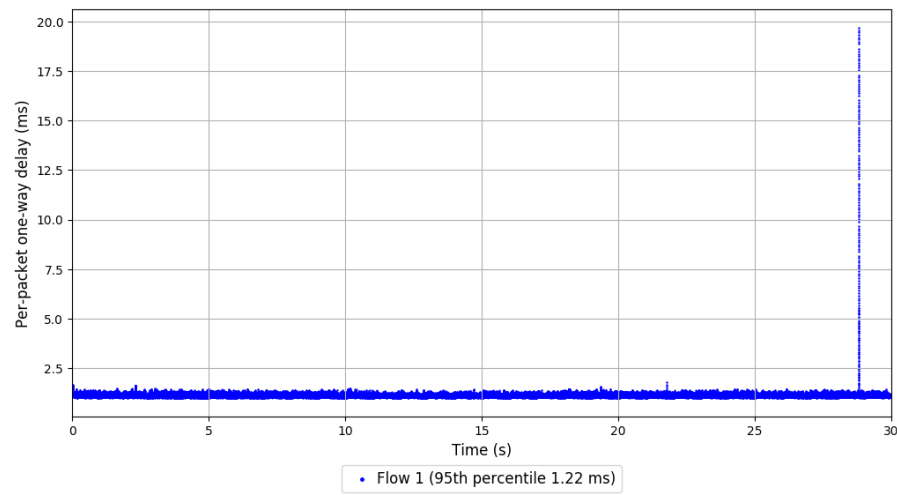
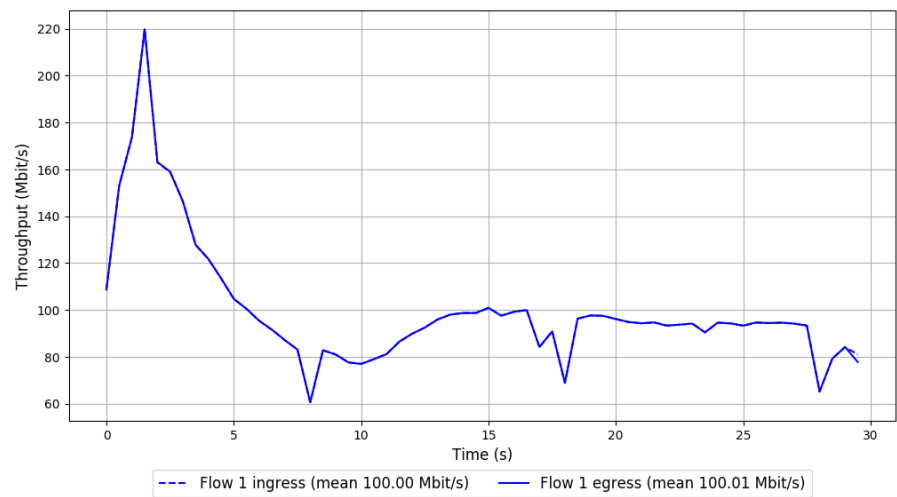
-- Flow 1:

Average throughput: 100.01 Mbit/s

95th percentile per-packet one-way delay: 1.220 ms

Loss rate: 0.06%

Run 4: Report of Copa — Data Link

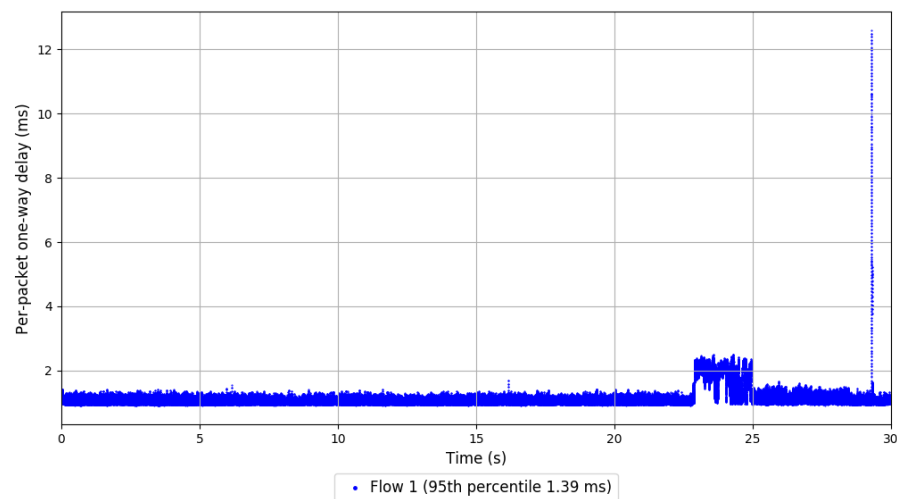
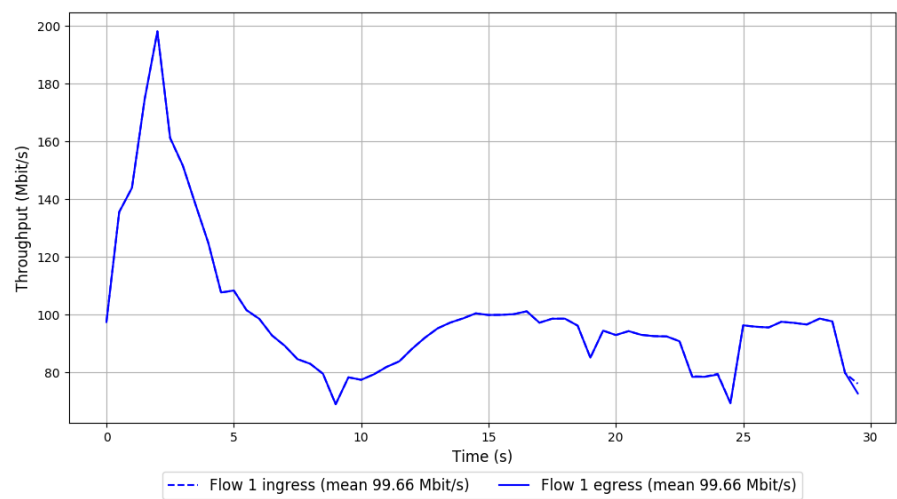


Run 5: Statistics of Copa

Start at: 2018-02-27 13:10:59
End at: 2018-02-27 13:11:29
Local clock offset: 0.598 ms
Remote clock offset: -5.308 ms

Below is generated by plot.py at 2018-02-27 21:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.66 Mbit/s
95th percentile per-packet one-way delay: 1.394 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 99.66 Mbit/s
95th percentile per-packet one-way delay: 1.394 ms
Loss rate: 0.07%

Run 5: Report of Copa — Data Link

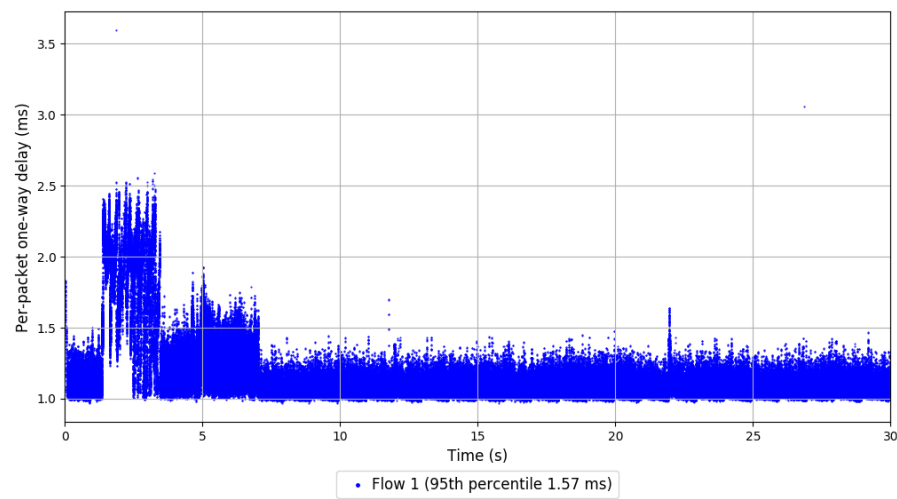
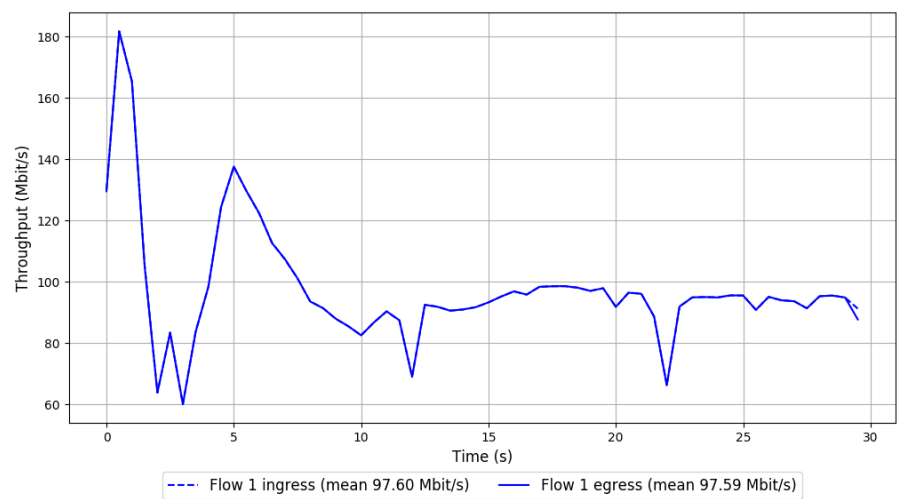


Run 6: Statistics of Copa

Start at: 2018-02-27 13:38:56
End at: 2018-02-27 13:39:26
Local clock offset: 0.764 ms
Remote clock offset: -5.173 ms

Below is generated by plot.py at 2018-02-27 21:28:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.59 Mbit/s
95th percentile per-packet one-way delay: 1.568 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 97.59 Mbit/s
95th percentile per-packet one-way delay: 1.568 ms
Loss rate: 0.08%

Run 6: Report of Copa — Data Link

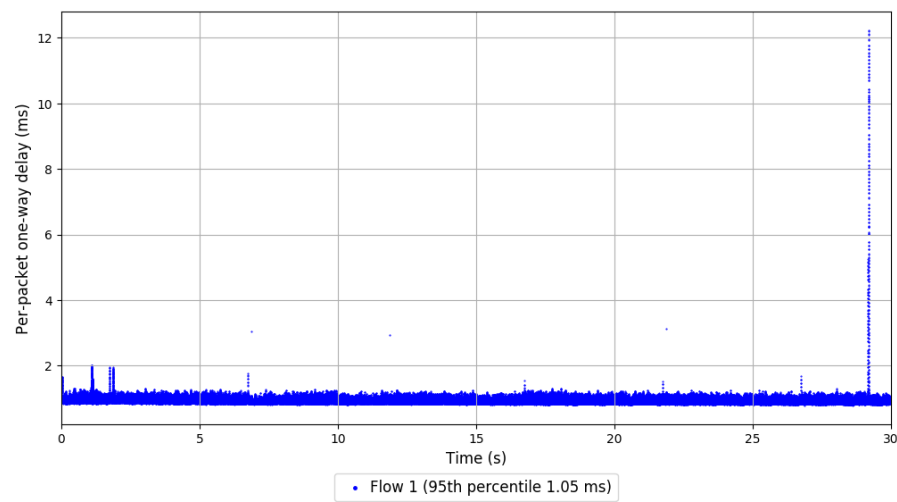
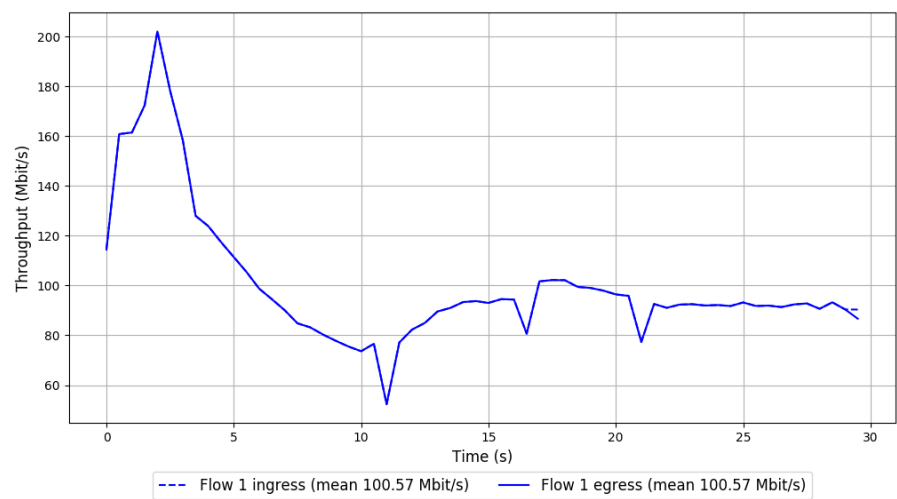


Run 7: Statistics of Copa

Start at: 2018-02-27 14:06:56
End at: 2018-02-27 14:07:26
Local clock offset: 0.544 ms
Remote clock offset: -6.173 ms

Below is generated by plot.py at 2018-02-27 21:29:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.57 Mbit/s
95th percentile per-packet one-way delay: 1.048 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 100.57 Mbit/s
95th percentile per-packet one-way delay: 1.048 ms
Loss rate: 0.06%

Run 7: Report of Copa — Data Link

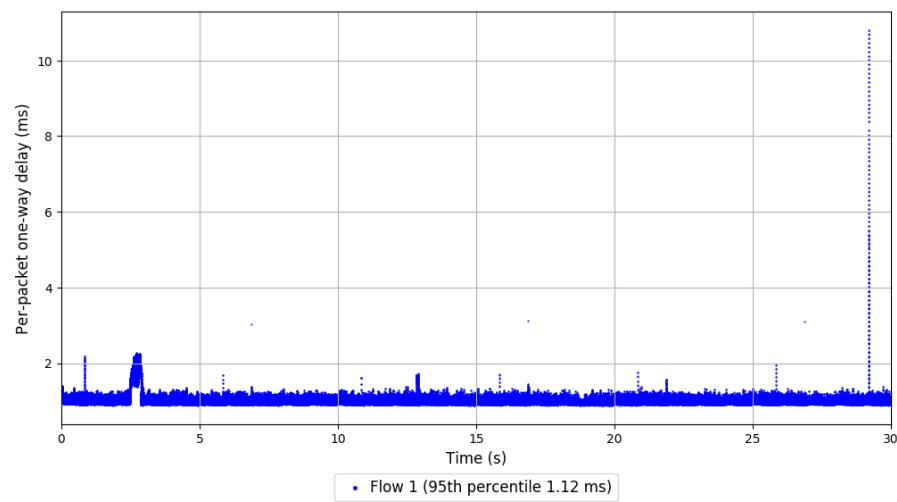
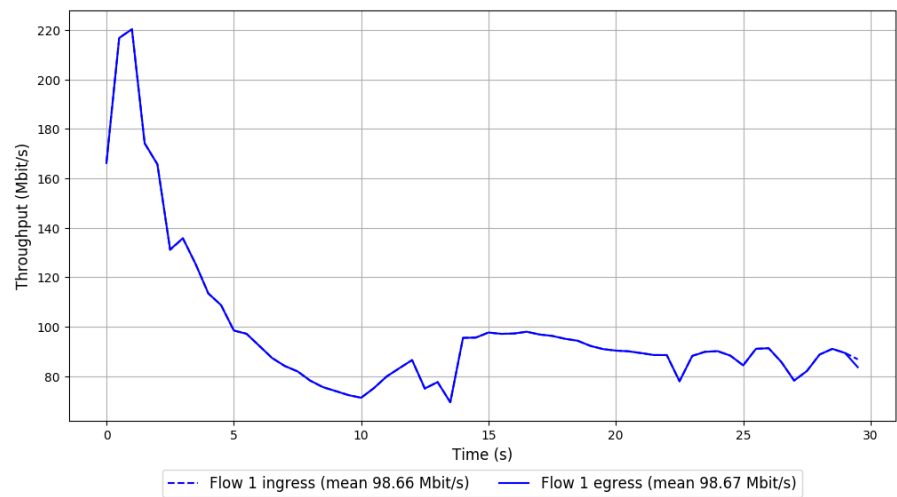


Run 8: Statistics of Copa

Start at: 2018-02-27 14:34:44
End at: 2018-02-27 14:35:14
Local clock offset: 0.833 ms
Remote clock offset: -6.223 ms

Below is generated by plot.py at 2018-02-27 21:29:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 98.67 Mbit/s
95th percentile per-packet one-way delay: 1.120 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 98.67 Mbit/s
95th percentile per-packet one-way delay: 1.120 ms
Loss rate: 0.06%

Run 8: Report of Copa — Data Link

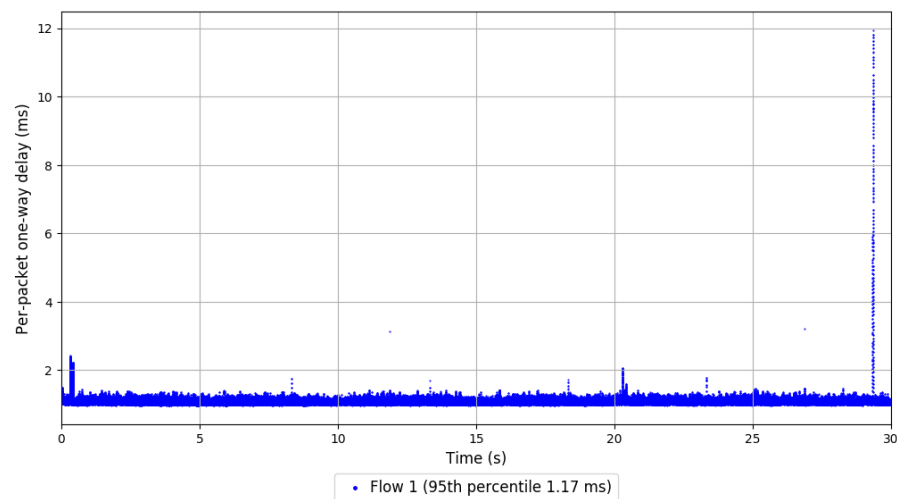
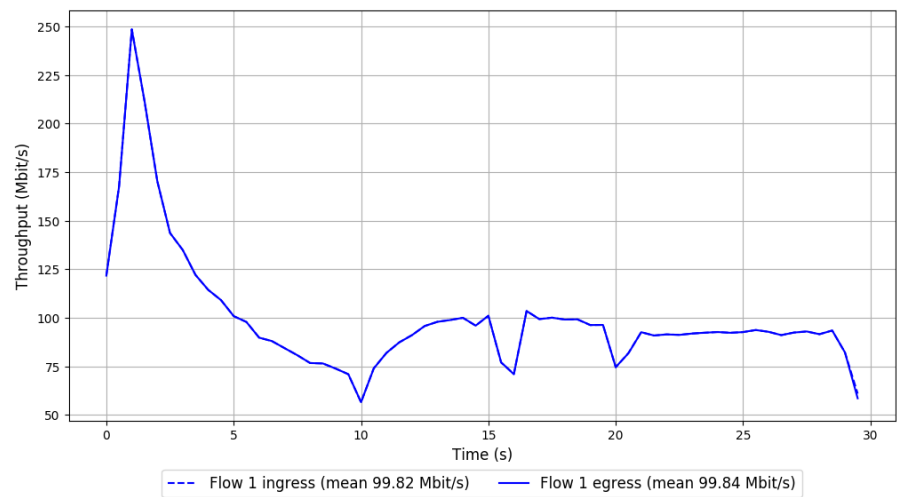


Run 9: Statistics of Copa

Start at: 2018-02-27 15:02:36
End at: 2018-02-27 15:03:06
Local clock offset: 0.977 ms
Remote clock offset: -5.895 ms

Below is generated by plot.py at 2018-02-27 21:29:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 99.84 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 99.84 Mbit/s
95th percentile per-packet one-way delay: 1.172 ms
Loss rate: 0.04%

Run 9: Report of Copa — Data Link

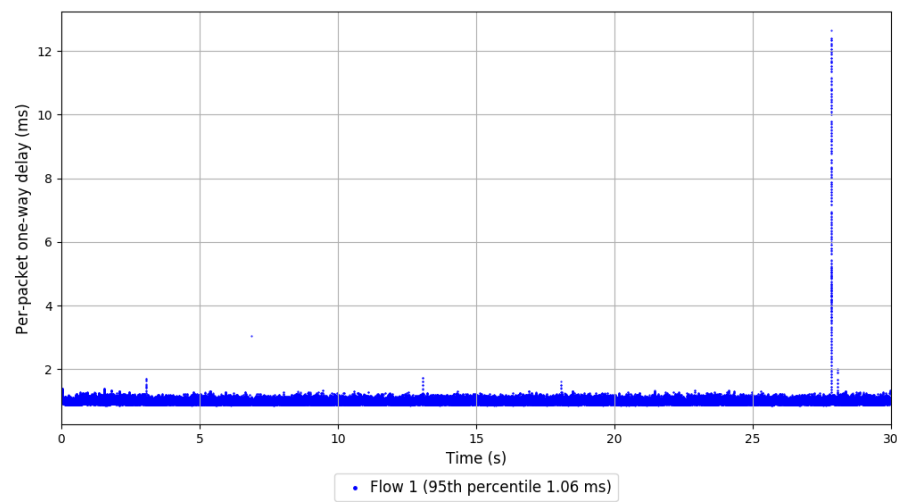
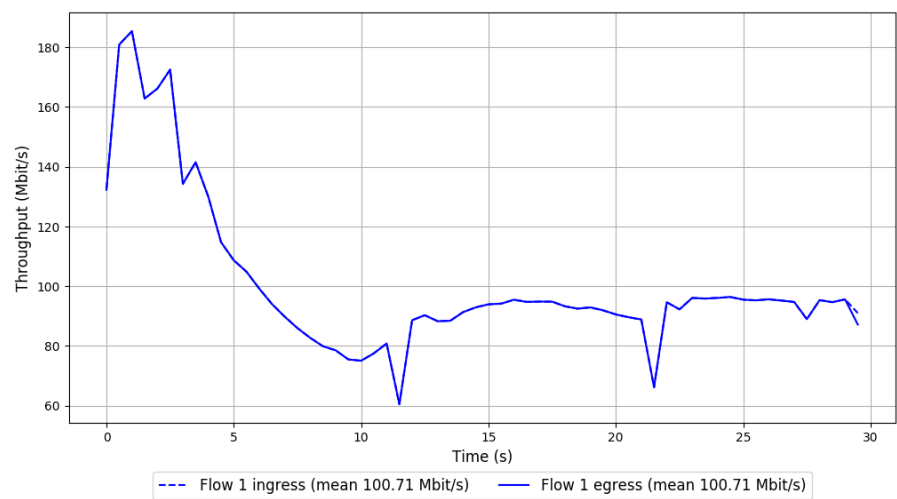


Run 10: Statistics of Copa

Start at: 2018-02-27 15:30:15
End at: 2018-02-27 15:30:45
Local clock offset: 0.782 ms
Remote clock offset: -5.683 ms

Below is generated by plot.py at 2018-02-27 21:30:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 100.71 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 100.71 Mbit/s
95th percentile per-packet one-way delay: 1.057 ms
Loss rate: 0.07%

Run 10: Report of Copa — Data Link

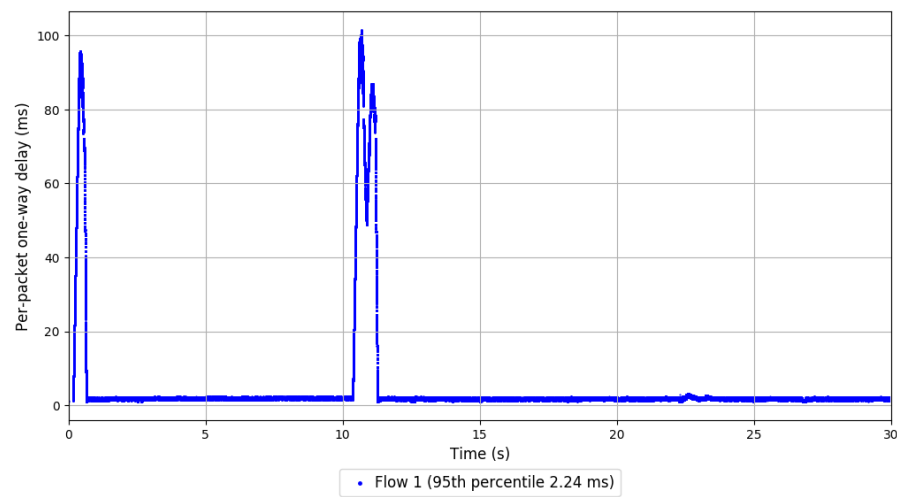
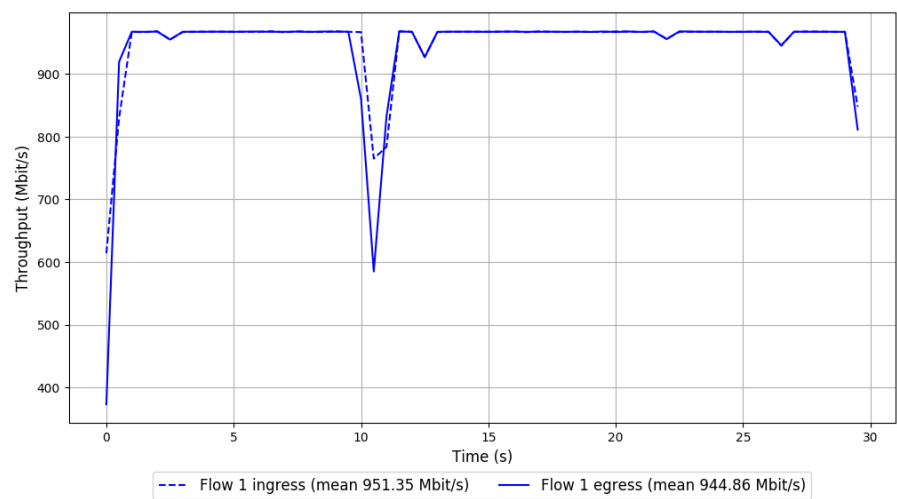


Run 1: Statistics of FillP

Start at: 2018-02-27 11:10:28
End at: 2018-02-27 11:10:58
Local clock offset: 0.01 ms
Remote clock offset: -5.871 ms

Below is generated by plot.py at 2018-02-27 21:43:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 944.86 Mbit/s
95th percentile per-packet one-way delay: 2.244 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 944.86 Mbit/s
95th percentile per-packet one-way delay: 2.244 ms
Loss rate: 0.75%

Run 1: Report of FillP — Data Link

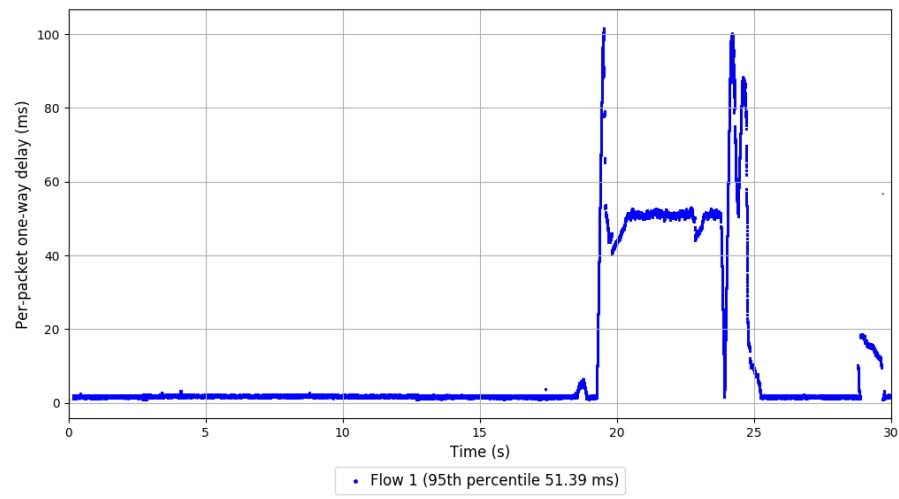
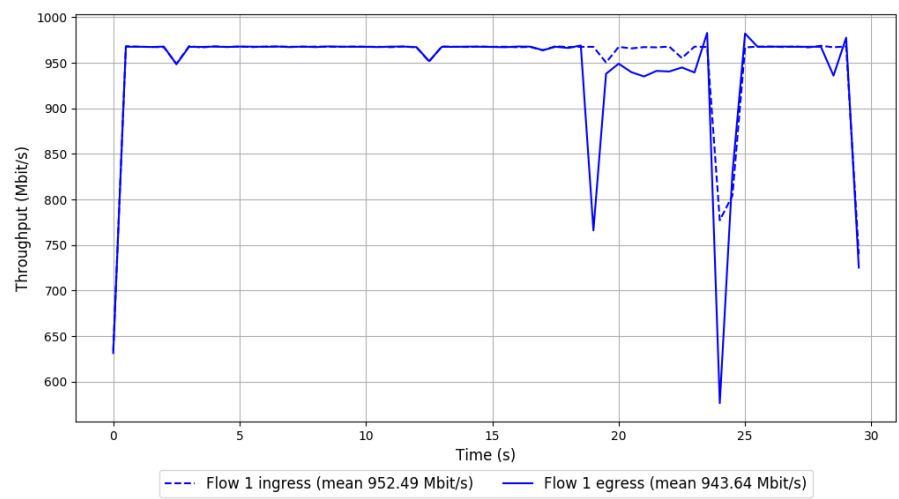


Run 2: Statistics of FillP

Start at: 2018-02-27 11:38:17
End at: 2018-02-27 11:38:47
Local clock offset: -0.082 ms
Remote clock offset: -5.968 ms

Below is generated by plot.py at 2018-02-27 21:43:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 943.64 Mbit/s
95th percentile per-packet one-way delay: 51.389 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 943.64 Mbit/s
95th percentile per-packet one-way delay: 51.389 ms
Loss rate: 1.00%

Run 2: Report of FillP — Data Link

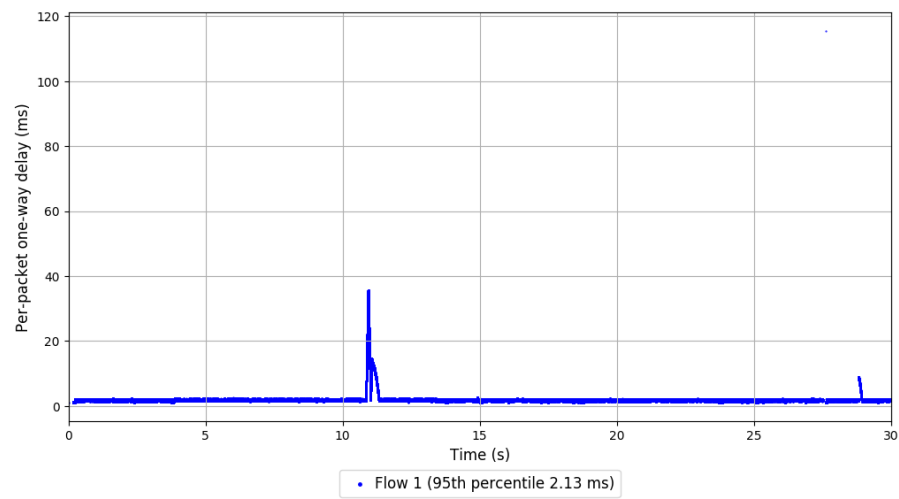
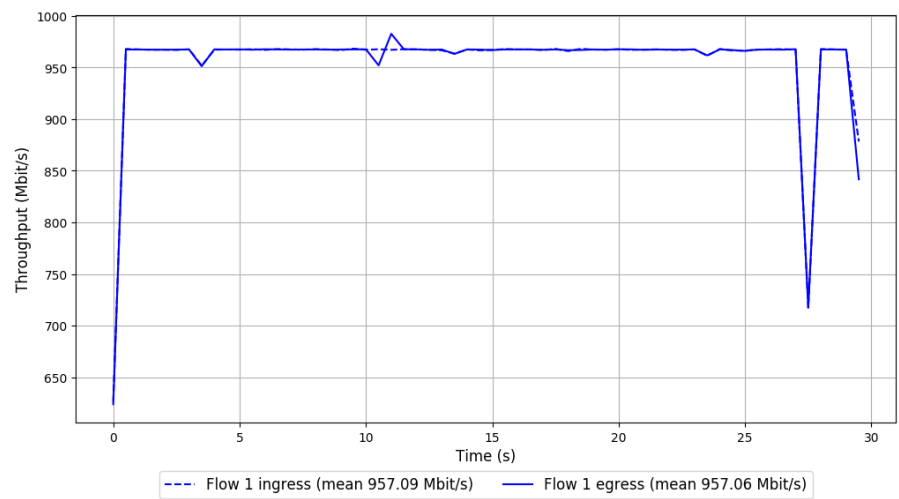


Run 3: Statistics of FillP

Start at: 2018-02-27 12:05:56
End at: 2018-02-27 12:06:26
Local clock offset: 2.288 ms
Remote clock offset: -4.941 ms

Below is generated by plot.py at 2018-02-27 21:43:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 957.06 Mbit/s
95th percentile per-packet one-way delay: 2.133 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 957.06 Mbit/s
95th percentile per-packet one-way delay: 2.133 ms
Loss rate: 0.07%

Run 3: Report of FillP — Data Link

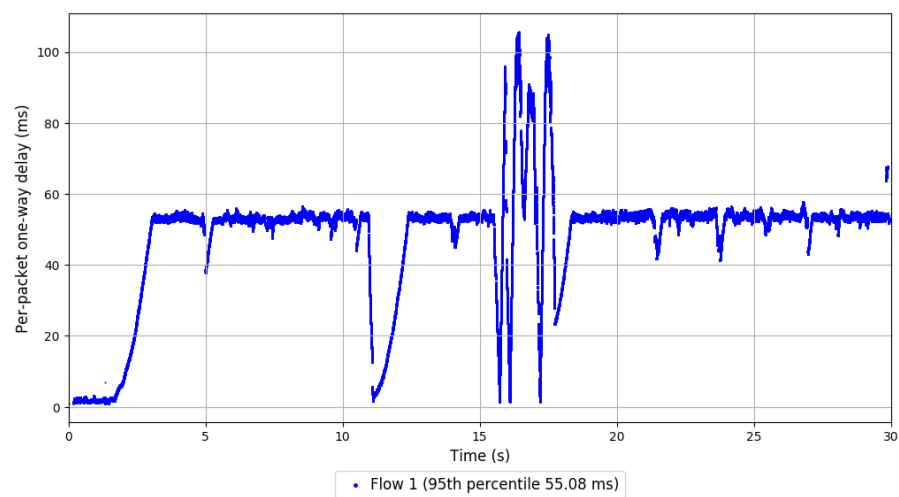
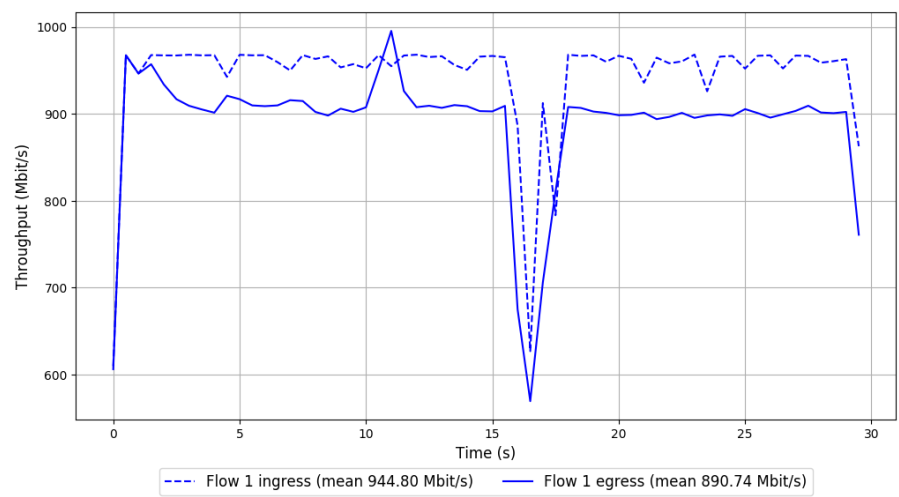


Run 4: Statistics of FillP

Start at: 2018-02-27 12:33:38
End at: 2018-02-27 12:34:08
Local clock offset: 0.635 ms
Remote clock offset: -5.476 ms

Below is generated by plot.py at 2018-02-27 21:43:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 890.74 Mbit/s
95th percentile per-packet one-way delay: 55.079 ms
Loss rate: 5.78%
-- Flow 1:
Average throughput: 890.74 Mbit/s
95th percentile per-packet one-way delay: 55.079 ms
Loss rate: 5.78%

Run 4: Report of FillP — Data Link

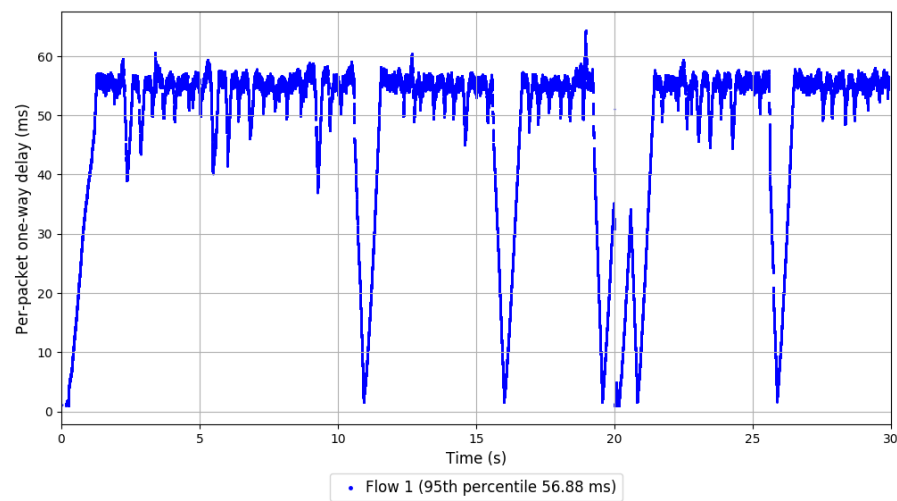
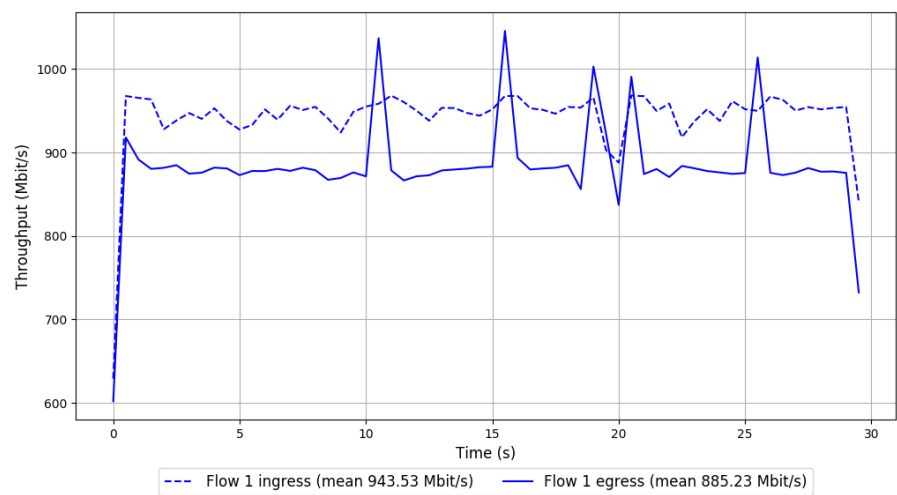


Run 5: Statistics of FillP

Start at: 2018-02-27 13:01:26
End at: 2018-02-27 13:01:56
Local clock offset: 0.562 ms
Remote clock offset: -5.439 ms

Below is generated by plot.py at 2018-02-27 21:43:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 885.23 Mbit/s
95th percentile per-packet one-way delay: 56.878 ms
Loss rate: 6.24%
-- Flow 1:
Average throughput: 885.23 Mbit/s
95th percentile per-packet one-way delay: 56.878 ms
Loss rate: 6.24%

Run 5: Report of FillP — Data Link

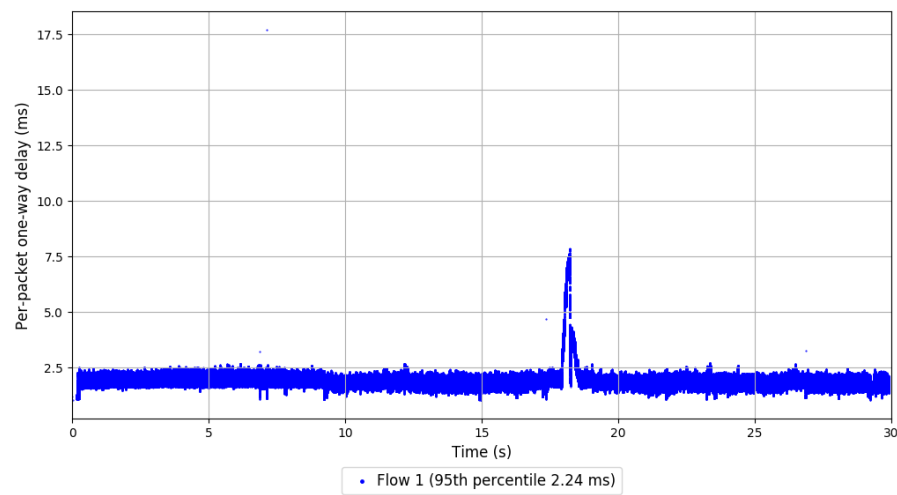
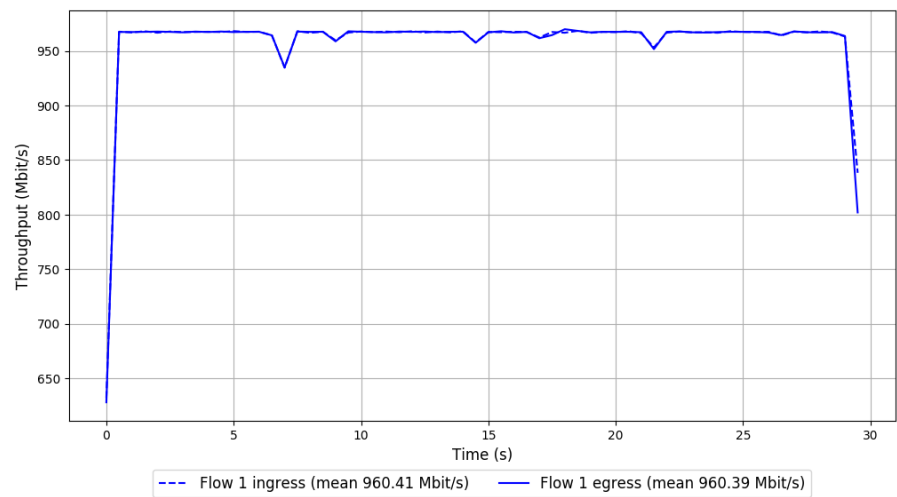


Run 6: Statistics of FillP

Start at: 2018-02-27 13:29:09
End at: 2018-02-27 13:29:39
Local clock offset: 0.747 ms
Remote clock offset: -5.285 ms

Below is generated by plot.py at 2018-02-27 21:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 960.39 Mbit/s
95th percentile per-packet one-way delay: 2.240 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 960.39 Mbit/s
95th percentile per-packet one-way delay: 2.240 ms
Loss rate: 0.07%

Run 6: Report of FillP — Data Link

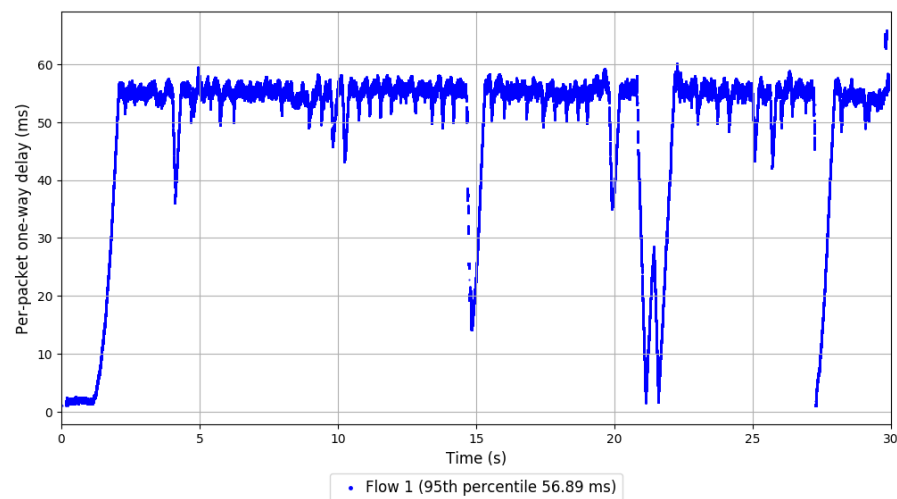
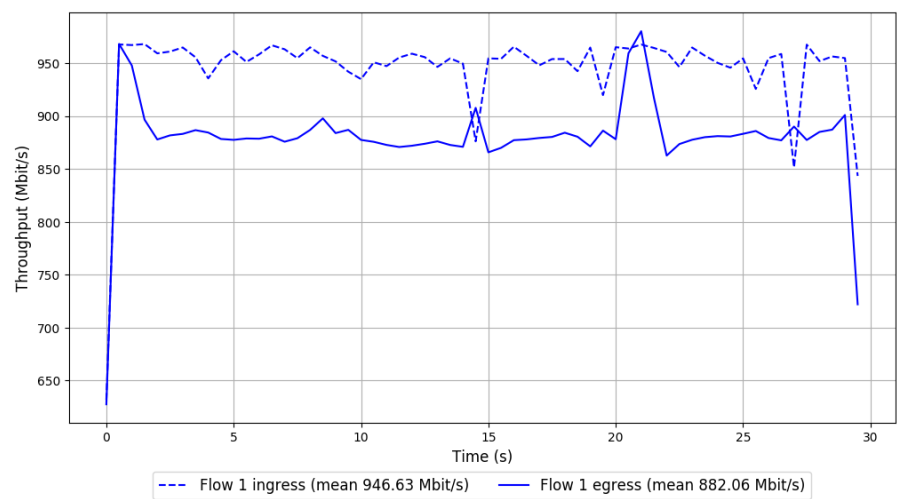


Run 7: Statistics of FillP

Start at: 2018-02-27 13:57:13
End at: 2018-02-27 13:57:43
Local clock offset: 0.728 ms
Remote clock offset: -5.576 ms

Below is generated by plot.py at 2018-02-27 21:44:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 882.06 Mbit/s
95th percentile per-packet one-way delay: 56.891 ms
Loss rate: 6.88%
-- Flow 1:
Average throughput: 882.06 Mbit/s
95th percentile per-packet one-way delay: 56.891 ms
Loss rate: 6.88%

Run 7: Report of FillP — Data Link

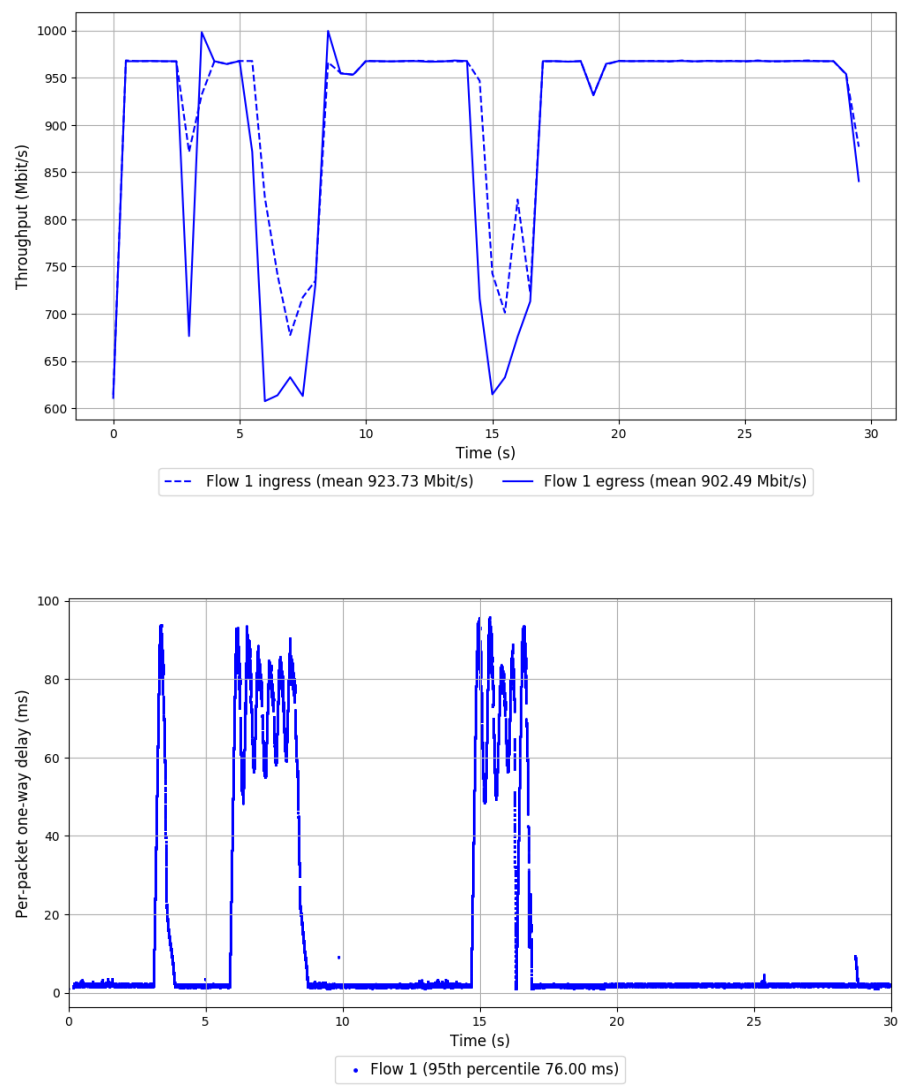


Run 8: Statistics of FillP

Start at: 2018-02-27 14:25:18
End at: 2018-02-27 14:25:48
Local clock offset: 0.537 ms
Remote clock offset: -6.719 ms

Below is generated by plot.py at 2018-02-27 21:44:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 902.49 Mbit/s
95th percentile per-packet one-way delay: 75.995 ms
Loss rate: 2.36%
-- Flow 1:
Average throughput: 902.49 Mbit/s
95th percentile per-packet one-way delay: 75.995 ms
Loss rate: 2.36%

Run 8: Report of FillP — Data Link

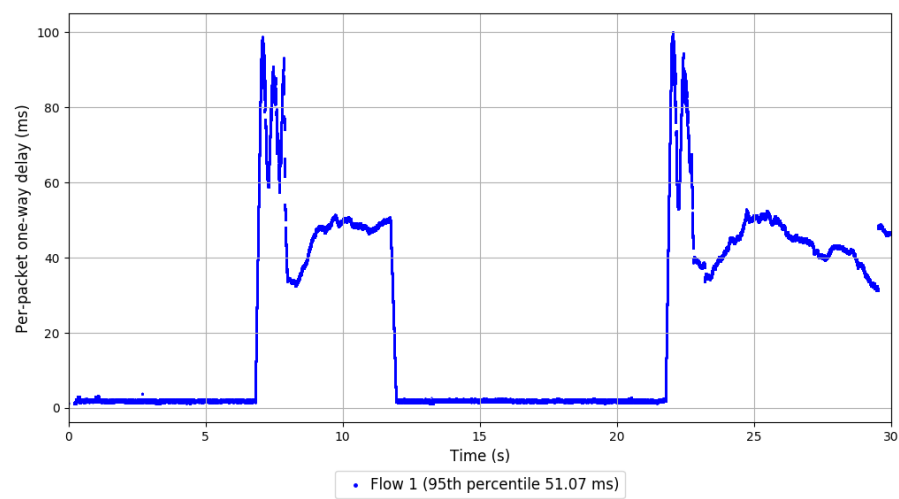
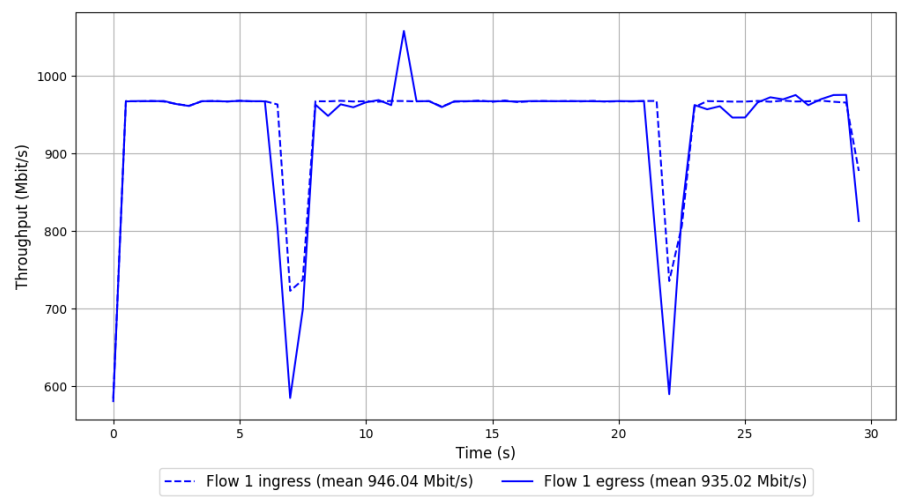


Run 9: Statistics of FillP

Start at: 2018-02-27 14:52:53
End at: 2018-02-27 14:53:23
Local clock offset: 1.02 ms
Remote clock offset: -5.999 ms

Below is generated by plot.py at 2018-02-27 21:57:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 935.02 Mbit/s
95th percentile per-packet one-way delay: 51.066 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 935.02 Mbit/s
95th percentile per-packet one-way delay: 51.066 ms
Loss rate: 1.23%

Run 9: Report of FillP — Data Link

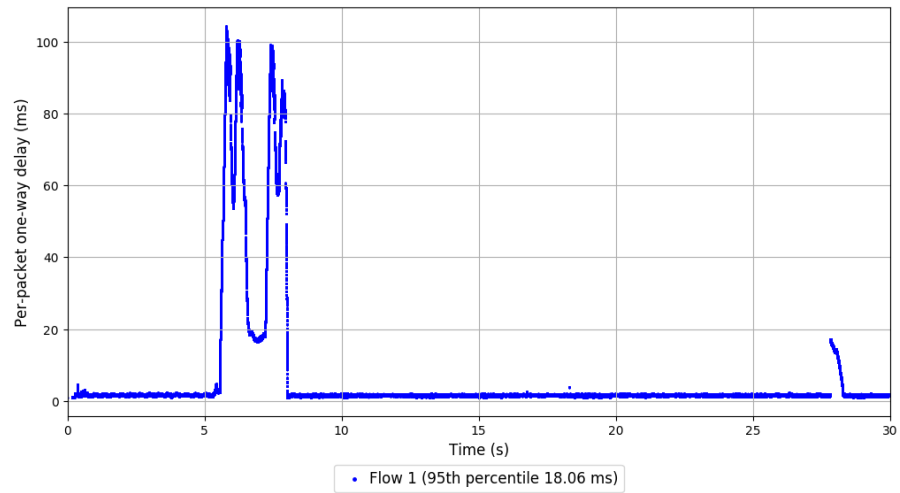
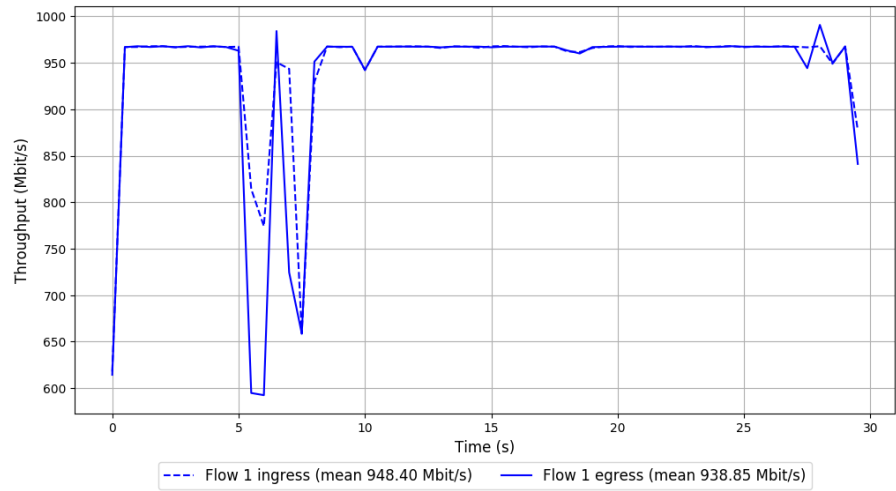


Run 10: Statistics of FillP

Start at: 2018-02-27 15:20:37
End at: 2018-02-27 15:21:07
Local clock offset: 0.896 ms
Remote clock offset: -5.739 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 938.85 Mbit/s
95th percentile per-packet one-way delay: 18.063 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 938.85 Mbit/s
95th percentile per-packet one-way delay: 18.063 ms
Loss rate: 1.07%

Run 10: Report of FillP — Data Link

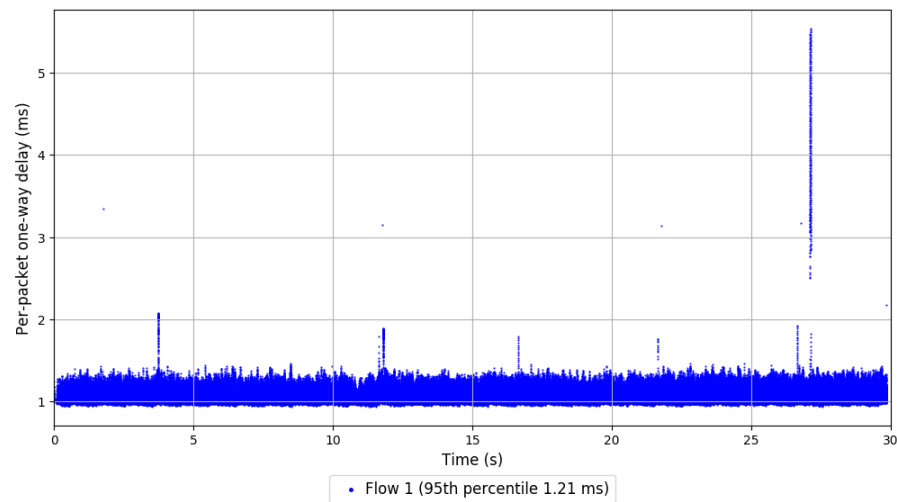
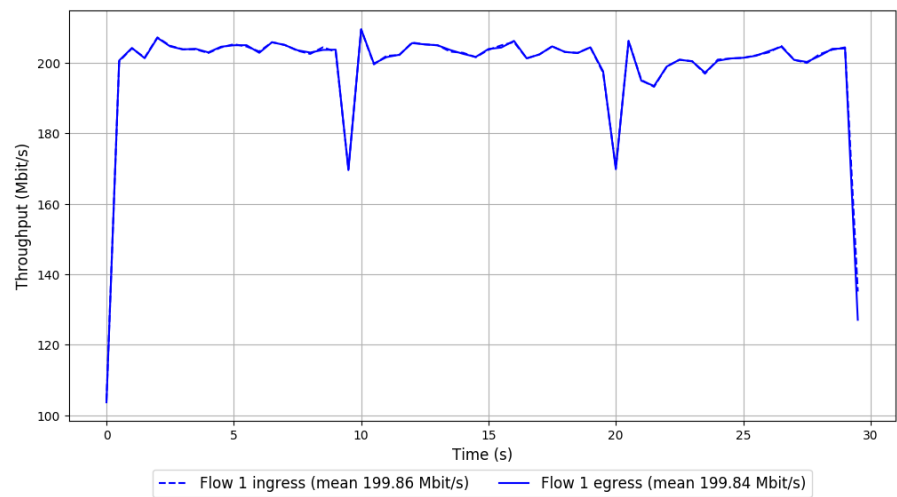


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-27 10:59:21
End at: 2018-02-27 10:59:51
Local clock offset: 0.824 ms
Remote clock offset: -5.366 ms

# Below is generated by plot.py at 2018-02-27 21:57:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 199.84 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 199.84 Mbit/s
95th percentile per-packet one-way delay: 1.207 ms
Loss rate: 0.07%
```

Run 1: Report of Indigo-1-32 — Data Link

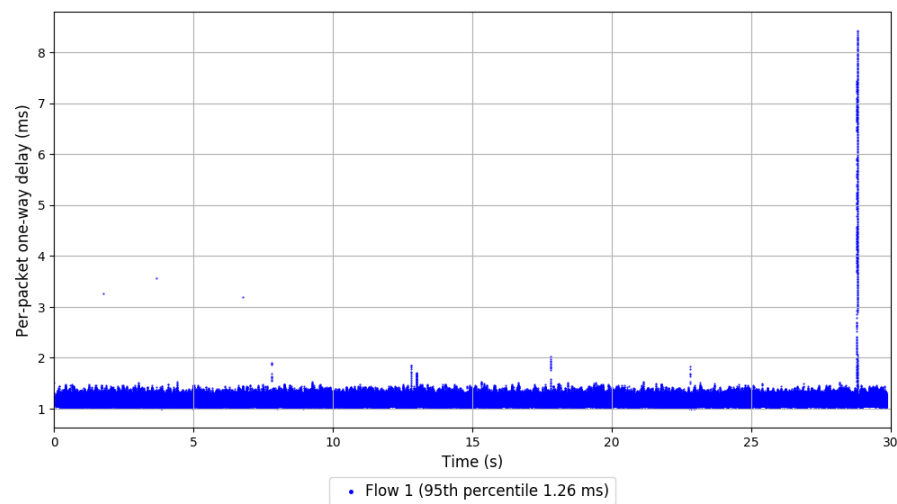
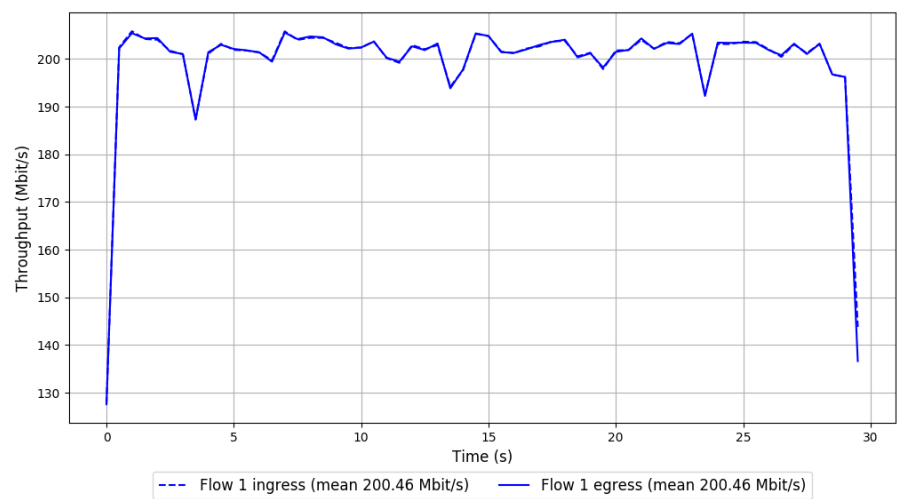


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-27 11:27:06
End at: 2018-02-27 11:27:36
Local clock offset: -0.509 ms
Remote clock offset: -6.104 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.46 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 200.46 Mbit/s
95th percentile per-packet one-way delay: 1.256 ms
Loss rate: 0.06%

Run 2: Report of Indigo-1-32 — Data Link



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-27 11:54:48

End at: 2018-02-27 11:55:18

Local clock offset: 1.803 ms

Remote clock offset: -5.186 ms

Below is generated by plot.py at 2018-02-27 21:57:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 197.02 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 0.07%

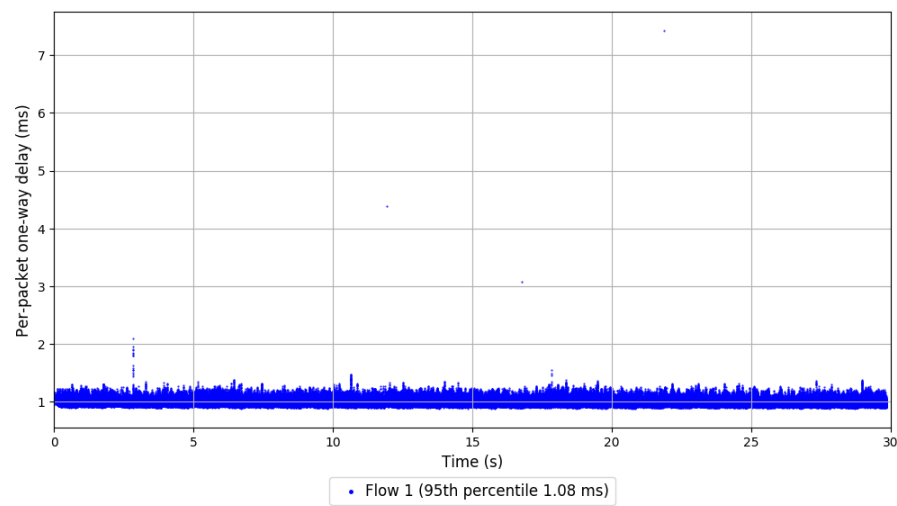
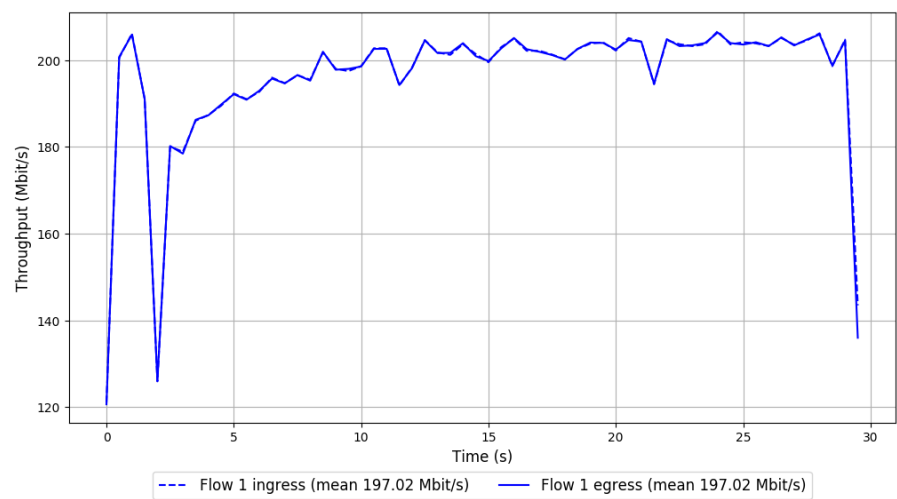
-- Flow 1:

Average throughput: 197.02 Mbit/s

95th percentile per-packet one-way delay: 1.084 ms

Loss rate: 0.07%

Run 3: Report of Indigo-1-32 — Data Link



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-27 12:22:36

End at: 2018-02-27 12:23:06

Local clock offset: 1.116 ms

Remote clock offset: -5.323 ms

Below is generated by plot.py at 2018-02-27 21:57:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.97 Mbit/s

95th percentile per-packet one-way delay: 1.156 ms

Loss rate: 0.07%

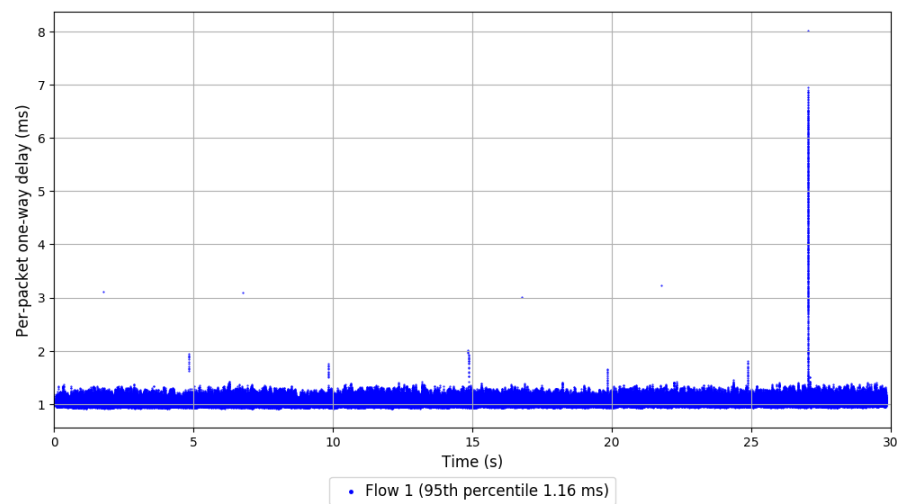
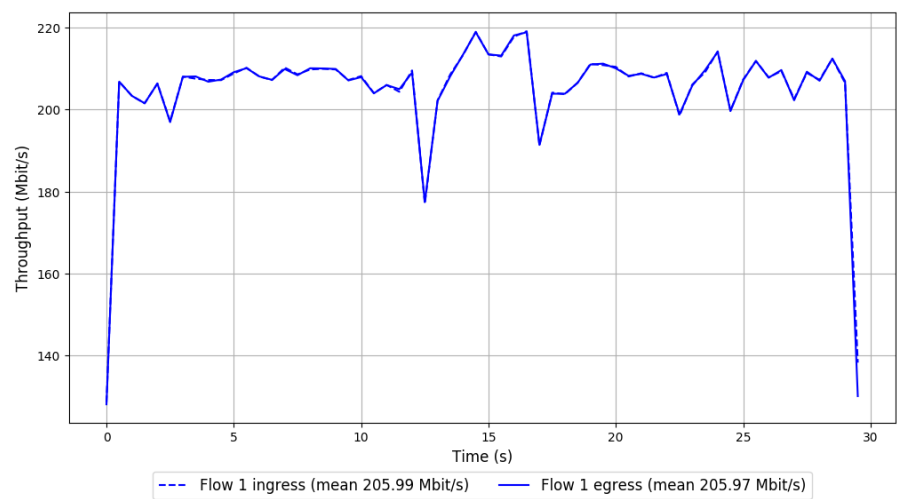
-- Flow 1:

Average throughput: 205.97 Mbit/s

95th percentile per-packet one-way delay: 1.156 ms

Loss rate: 0.07%

Run 4: Report of Indigo-1-32 — Data Link



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-27 12:50:12

End at: 2018-02-27 12:50:42

Local clock offset: 0.525 ms

Remote clock offset: -5.467 ms

Below is generated by plot.py at 2018-02-27 21:57:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.82 Mbit/s

95th percentile per-packet one-way delay: 1.047 ms

Loss rate: 0.07%

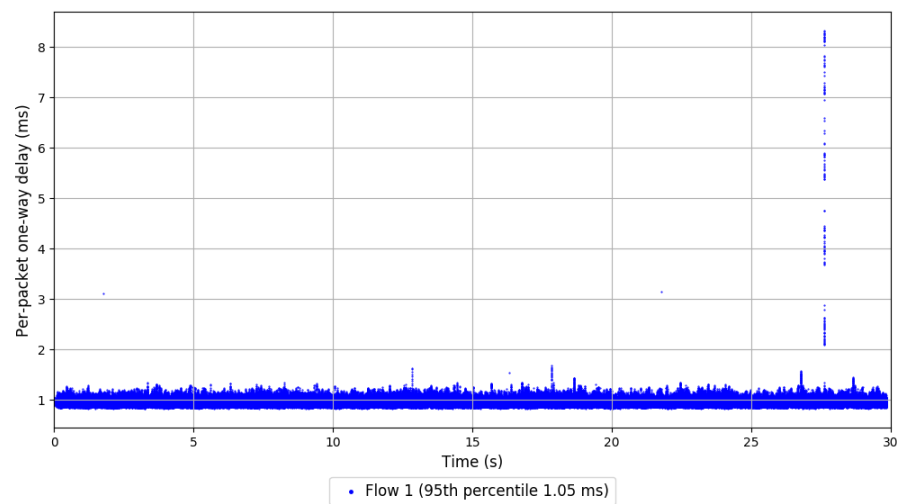
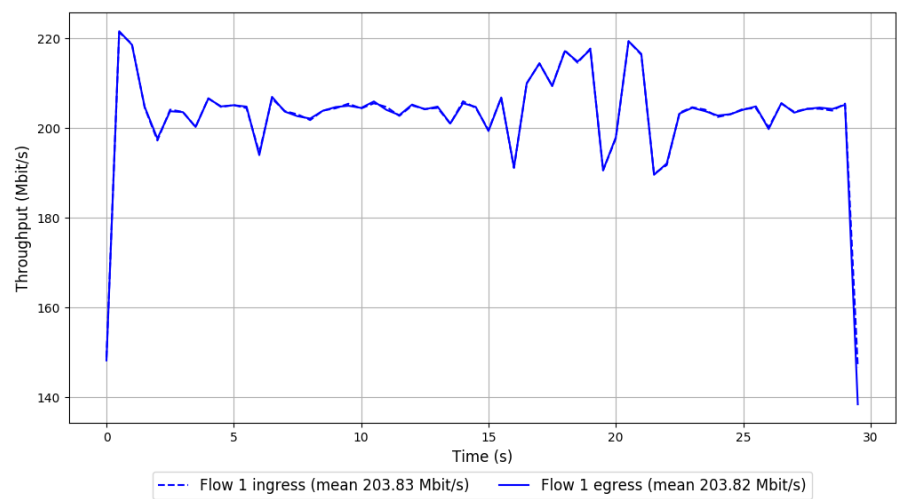
-- Flow 1:

Average throughput: 203.82 Mbit/s

95th percentile per-packet one-way delay: 1.047 ms

Loss rate: 0.07%

Run 5: Report of Indigo-1-32 — Data Link

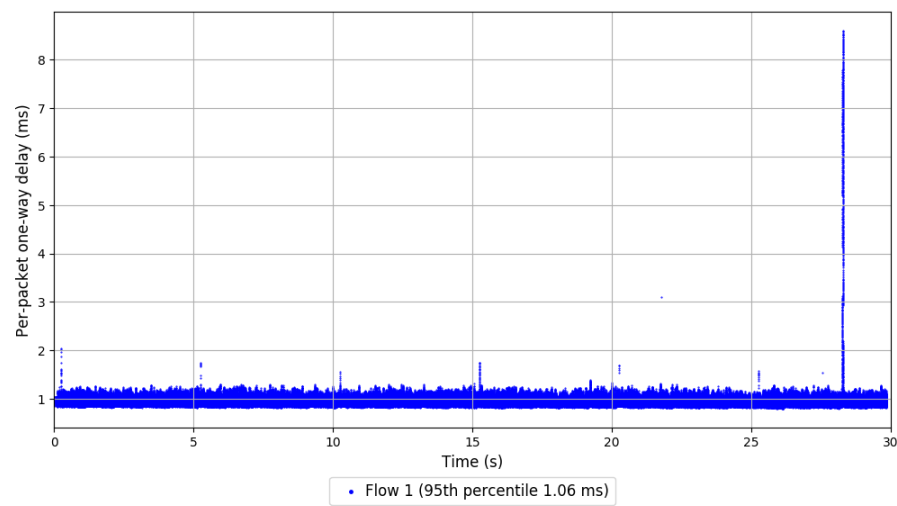
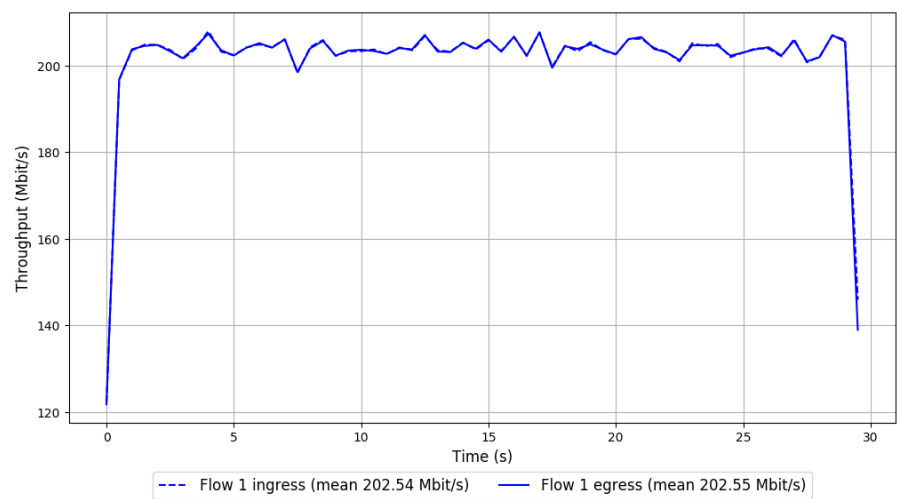


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-27 13:18:01
End at: 2018-02-27 13:18:31
Local clock offset: 0.452 ms
Remote clock offset: -5.297 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.55 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 202.55 Mbit/s
95th percentile per-packet one-way delay: 1.058 ms
Loss rate: 0.06%

Run 6: Report of Indigo-1-32 — Data Link

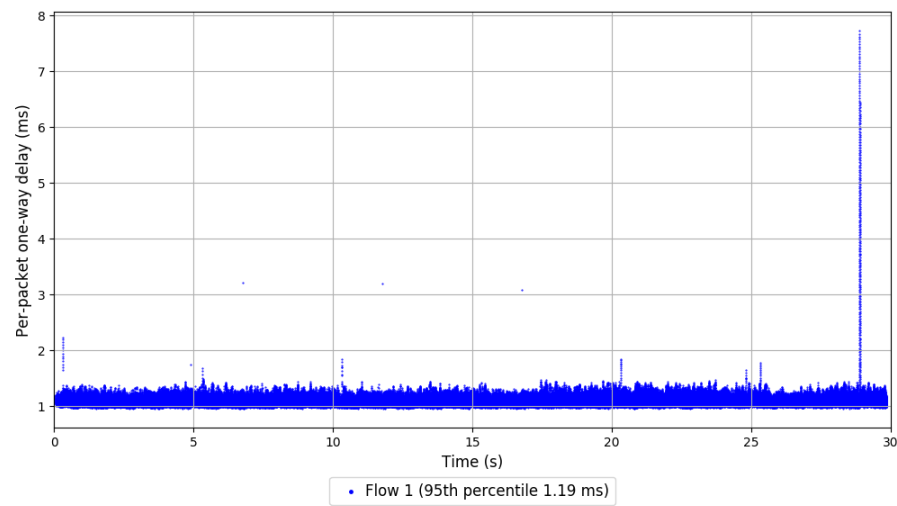
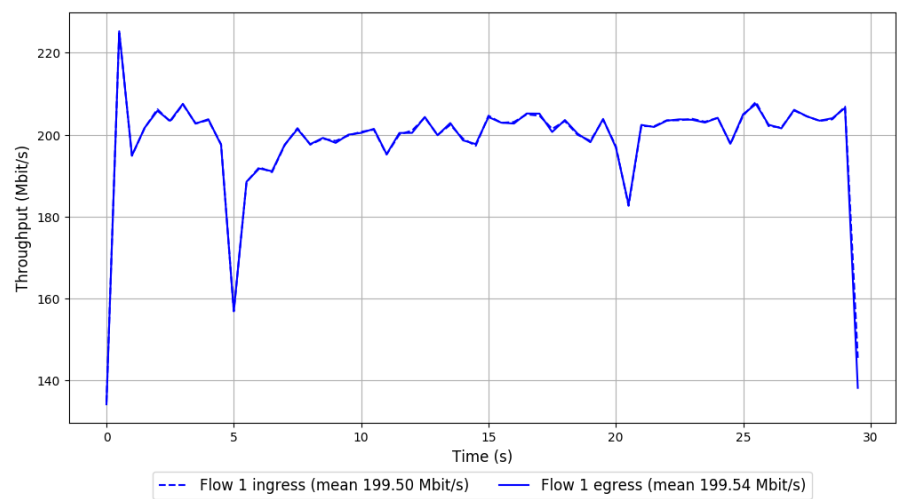


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-27 13:45:53
End at: 2018-02-27 13:46:23
Local clock offset: 0.772 ms
Remote clock offset: -5.094 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.54 Mbit/s
95th percentile per-packet one-way delay: 1.194 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 199.54 Mbit/s
95th percentile per-packet one-way delay: 1.194 ms
Loss rate: 0.07%

Run 7: Report of Indigo-1-32 — Data Link



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-27 14:14:09

End at: 2018-02-27 14:14:39

Local clock offset: 0.61 ms

Remote clock offset: -6.415 ms

Below is generated by plot.py at 2018-02-27 21:57:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 200.51 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.06%

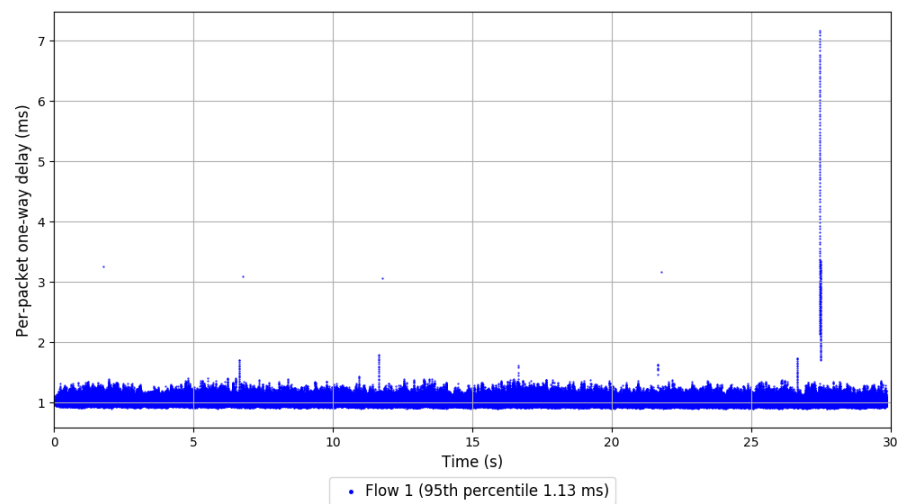
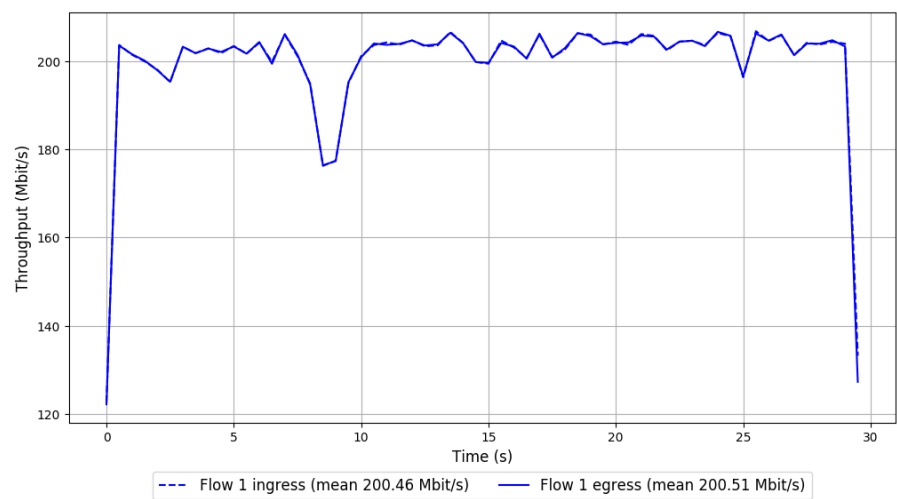
-- Flow 1:

Average throughput: 200.51 Mbit/s

95th percentile per-packet one-way delay: 1.132 ms

Loss rate: 0.06%

Run 8: Report of Indigo-1-32 — Data Link

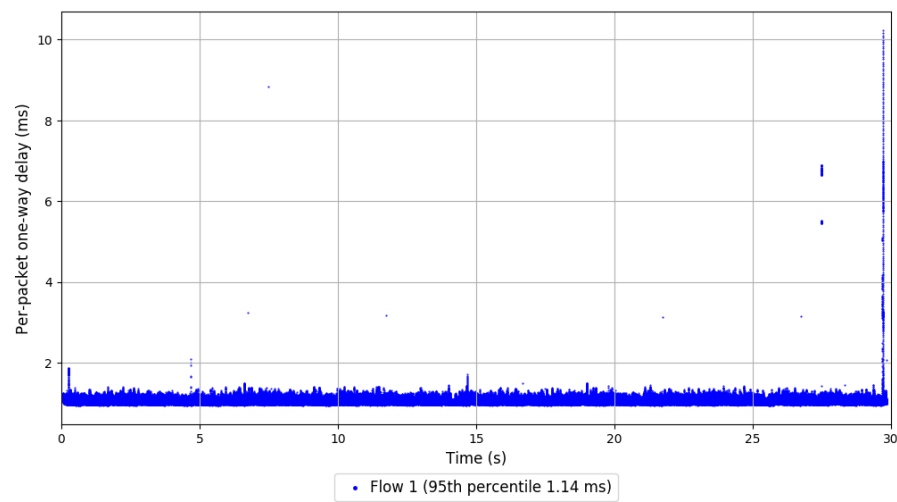
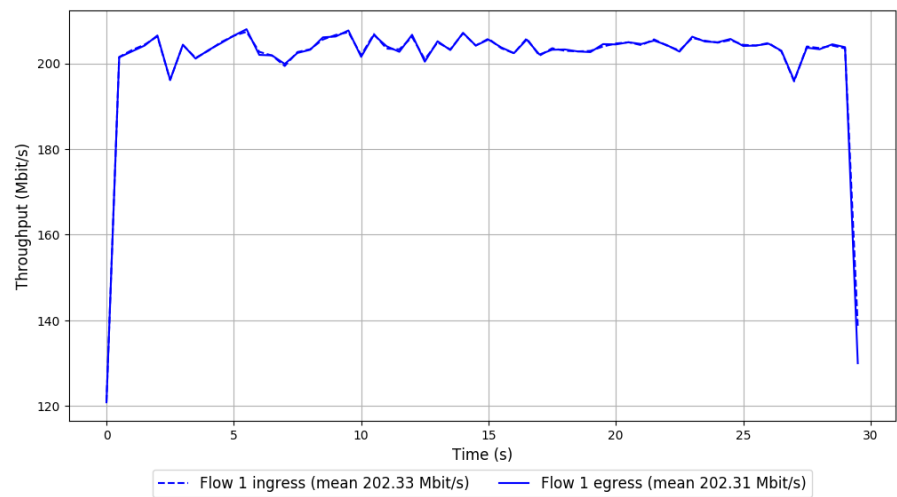


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-27 14:41:49
End at: 2018-02-27 14:42:19
Local clock offset: 0.932 ms
Remote clock offset: -6.098 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.31 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 202.31 Mbit/s
95th percentile per-packet one-way delay: 1.142 ms
Loss rate: 0.07%

Run 9: Report of Indigo-1-32 — Data Link



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-27 15:09:33

End at: 2018-02-27 15:10:03

Local clock offset: 0.877 ms

Remote clock offset: -5.875 ms

Below is generated by plot.py at 2018-02-27 21:57:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 201.52 Mbit/s

95th percentile per-packet one-way delay: 1.139 ms

Loss rate: 0.07%

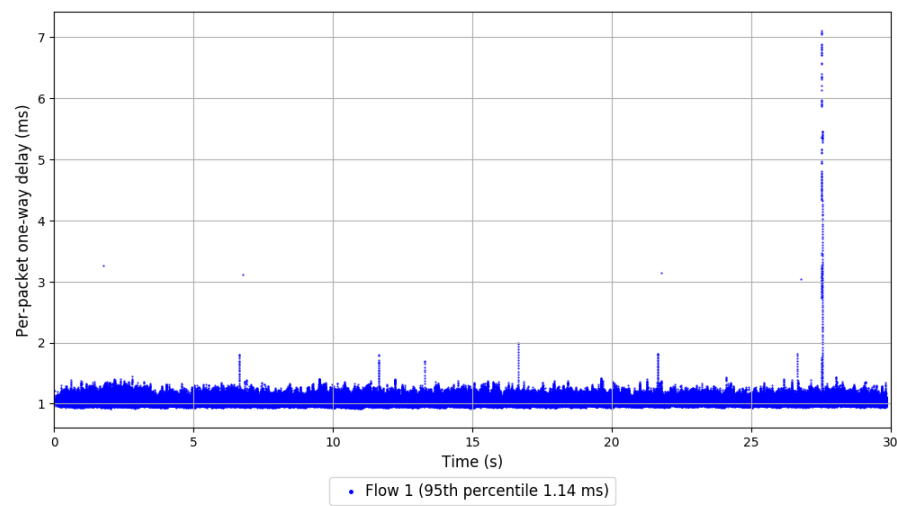
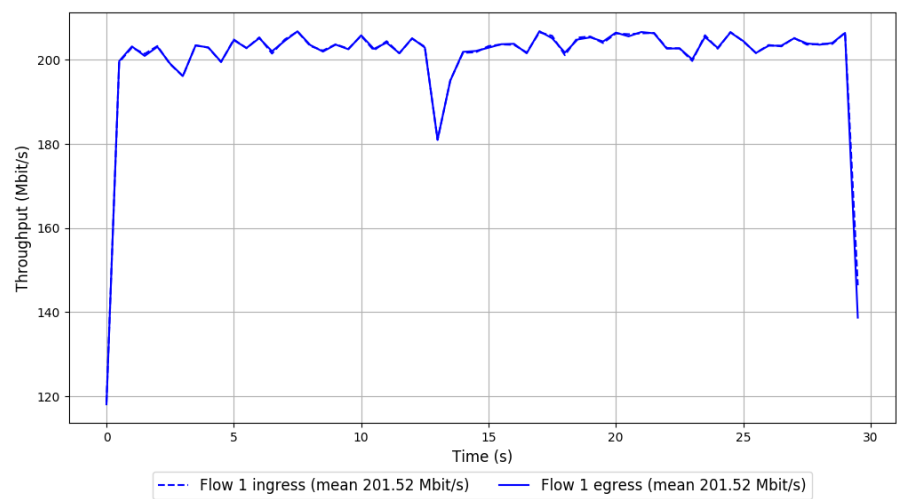
-- Flow 1:

Average throughput: 201.52 Mbit/s

95th percentile per-packet one-way delay: 1.139 ms

Loss rate: 0.07%

Run 10: Report of Indigo-1-32 — Data Link

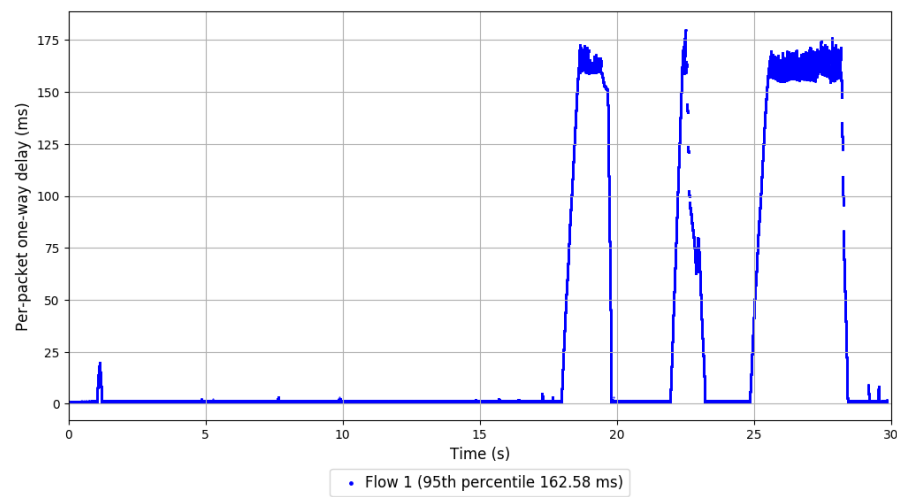
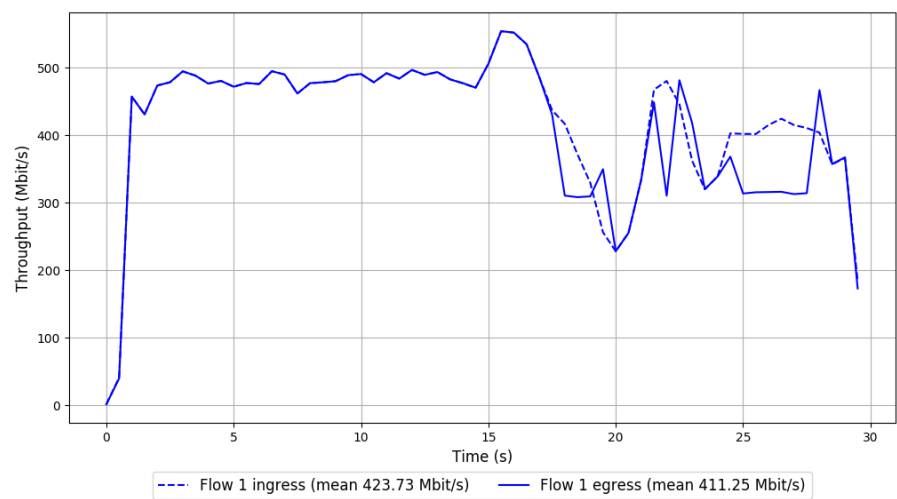


Run 1: Statistics of Vivace-latency

Start at: 2018-02-27 11:15:22
End at: 2018-02-27 11:15:53
Local clock offset: -0.168 ms
Remote clock offset: -6.022 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 411.25 Mbit/s
95th percentile per-packet one-way delay: 162.582 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 411.25 Mbit/s
95th percentile per-packet one-way delay: 162.582 ms
Loss rate: 3.01%

Run 1: Report of Vivace-latency — Data Link

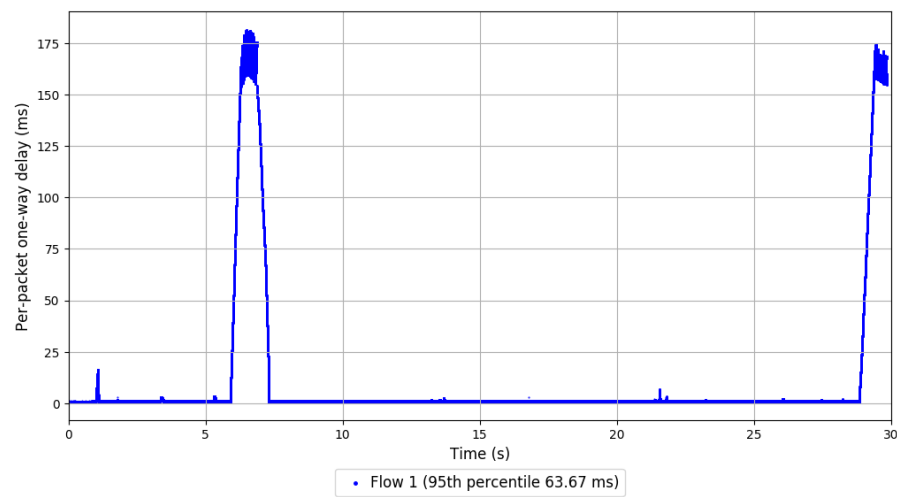
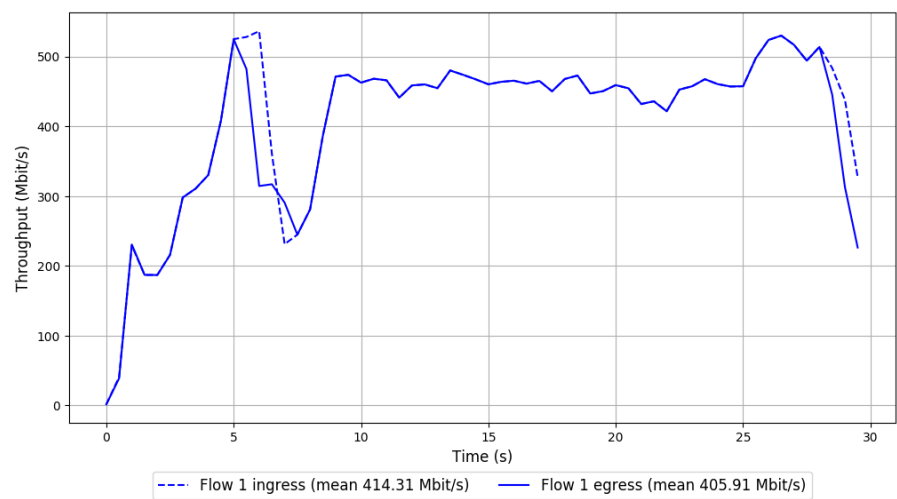


Run 2: Statistics of Vivace-latency

Start at: 2018-02-27 11:43:08
End at: 2018-02-27 11:43:38
Local clock offset: 0.871 ms
Remote clock offset: -5.515 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 405.91 Mbit/s
95th percentile per-packet one-way delay: 63.668 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 405.91 Mbit/s
95th percentile per-packet one-way delay: 63.668 ms
Loss rate: 2.09%

Run 2: Report of Vivace-latency — Data Link

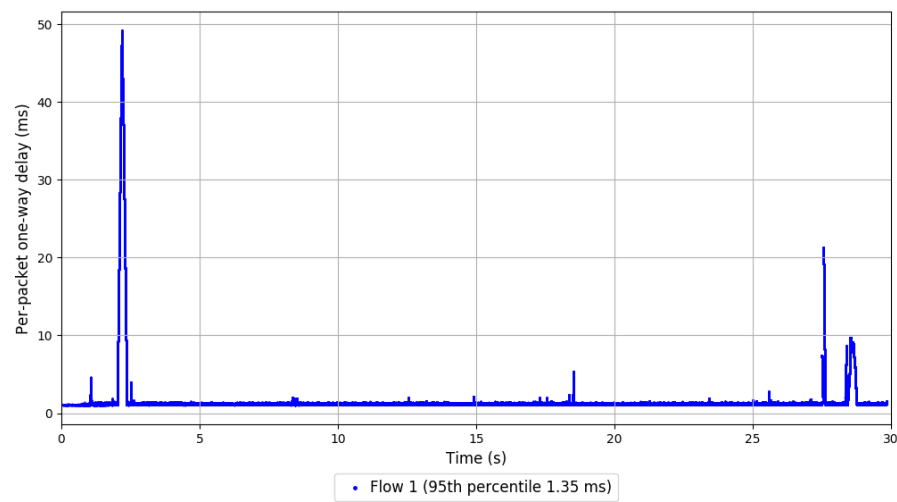
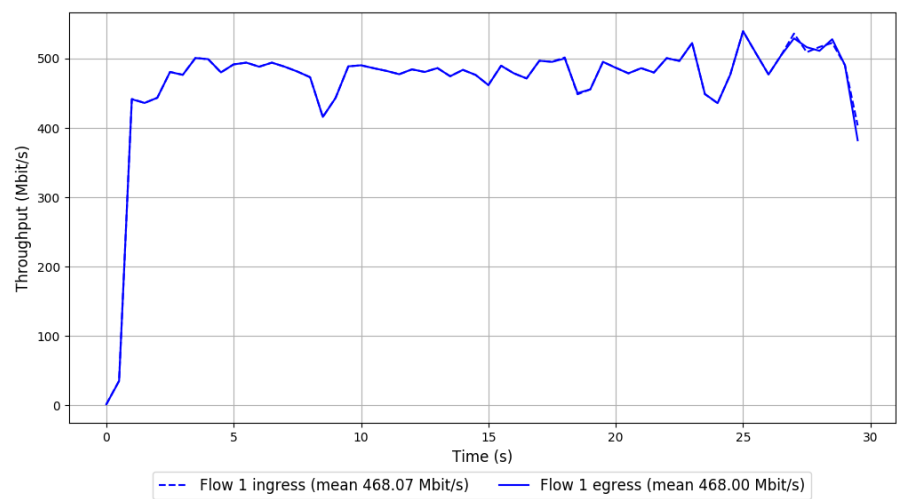


Run 3: Statistics of Vivace-latency

Start at: 2018-02-27 12:10:51
End at: 2018-02-27 12:11:21
Local clock offset: 2.206 ms
Remote clock offset: -4.837 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 468.00 Mbit/s
95th percentile per-packet one-way delay: 1.349 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 468.00 Mbit/s
95th percentile per-packet one-way delay: 1.349 ms
Loss rate: 0.08%

Run 3: Report of Vivace-latency — Data Link

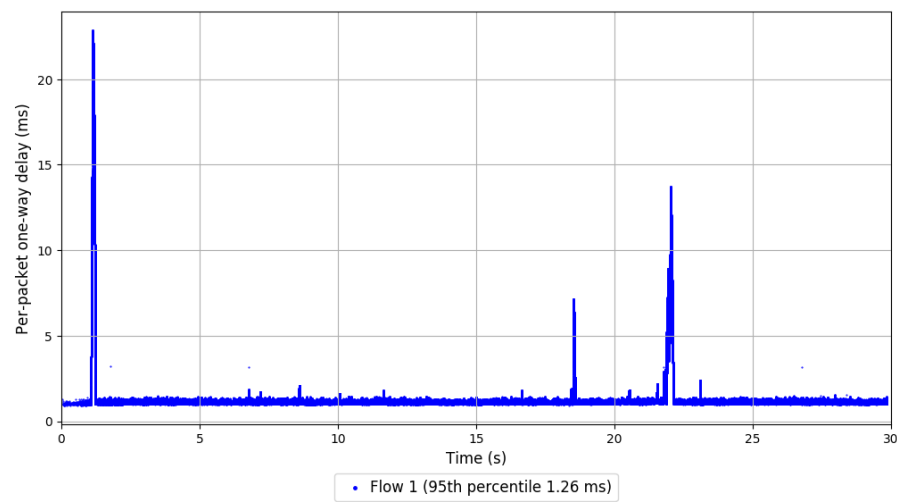
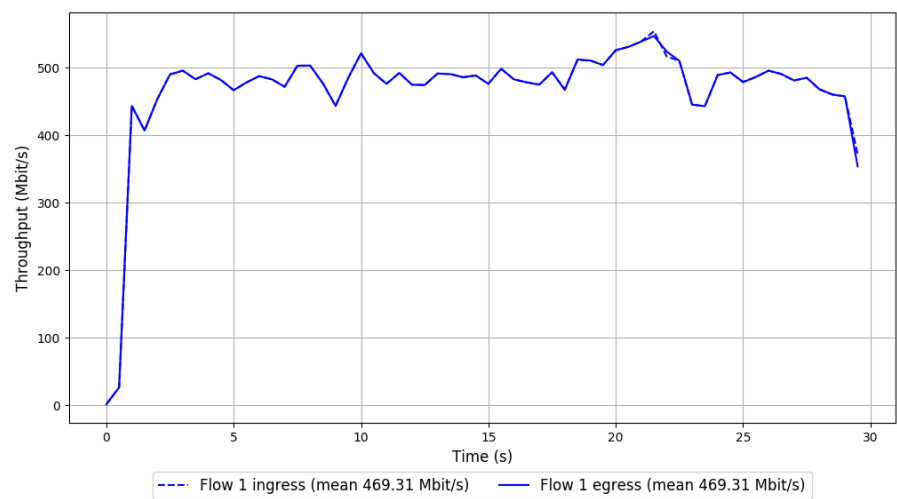


Run 4: Statistics of Vivace-latency

Start at: 2018-02-27 12:38:30
End at: 2018-02-27 12:39:00
Local clock offset: 0.609 ms
Remote clock offset: -5.531 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 469.31 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 469.31 Mbit/s
95th percentile per-packet one-way delay: 1.258 ms
Loss rate: 0.07%

Run 4: Report of Vivace-latency — Data Link

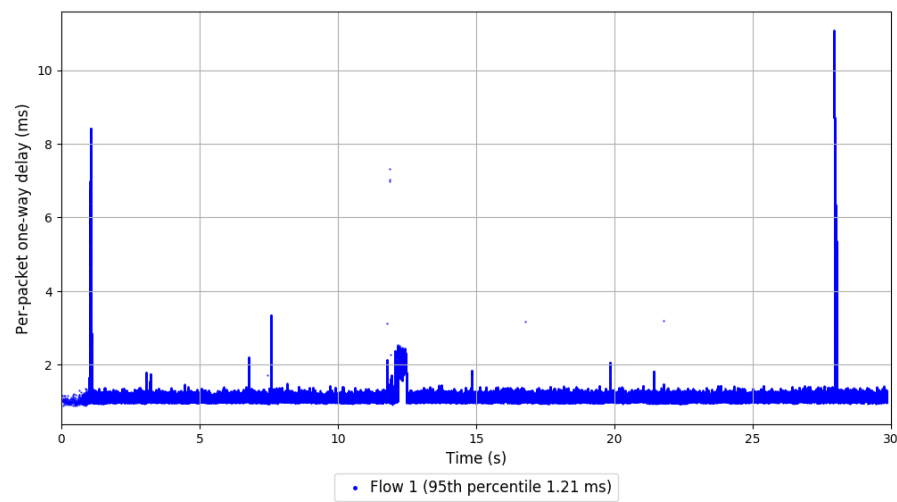
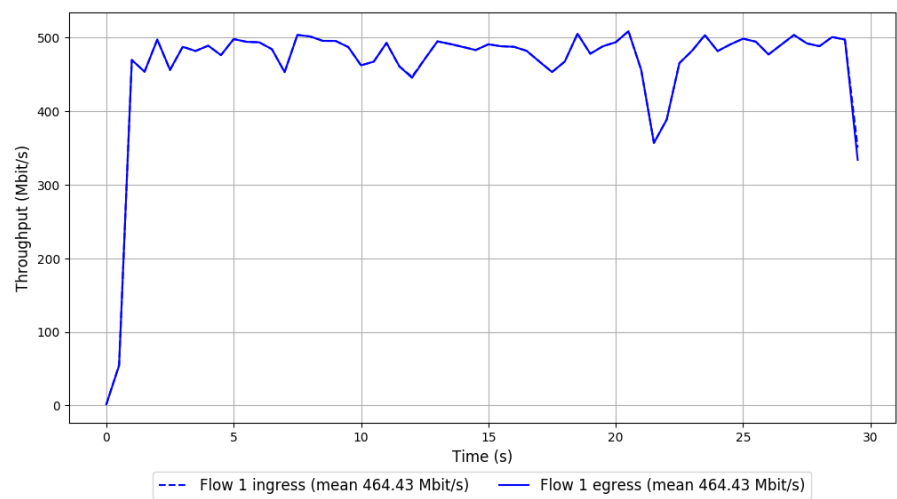


Run 5: Statistics of Vivace-latency

Start at: 2018-02-27 13:06:17
End at: 2018-02-27 13:06:47
Local clock offset: 0.645 ms
Remote clock offset: -5.303 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 464.43 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 464.43 Mbit/s
95th percentile per-packet one-way delay: 1.211 ms
Loss rate: 0.07%

Run 5: Report of Vivace-latency — Data Link

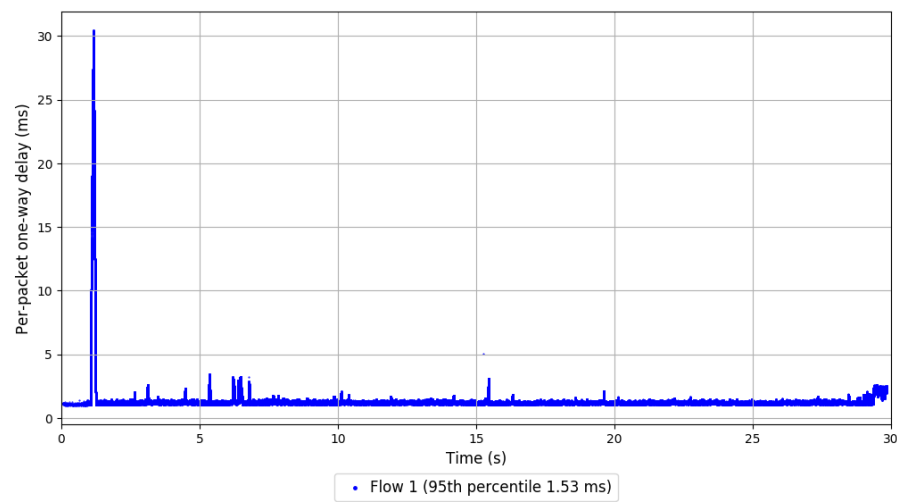
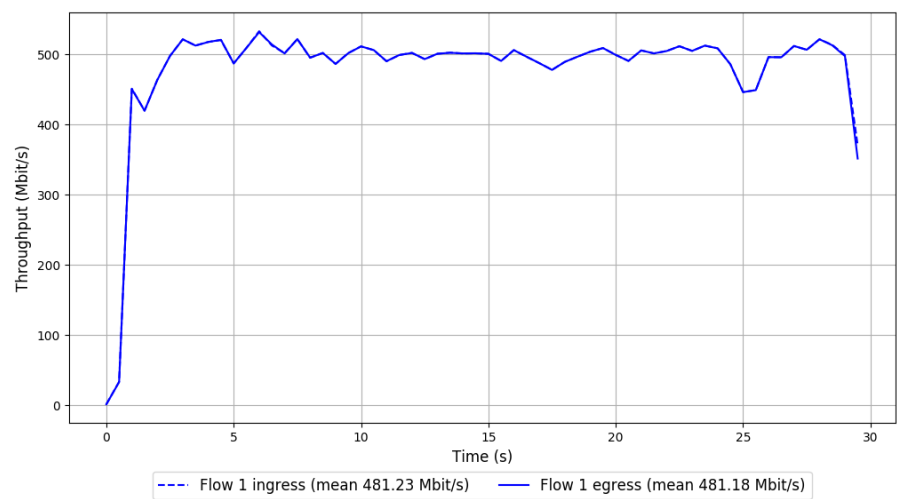


Run 6: Statistics of Vivace-latency

Start at: 2018-02-27 13:34:03
End at: 2018-02-27 13:34:33
Local clock offset: 0.79 ms
Remote clock offset: -5.217 ms

Below is generated by plot.py at 2018-02-27 21:57:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 481.18 Mbit/s
95th percentile per-packet one-way delay: 1.533 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 481.18 Mbit/s
95th percentile per-packet one-way delay: 1.533 ms
Loss rate: 0.08%

Run 6: Report of Vivace-latency — Data Link

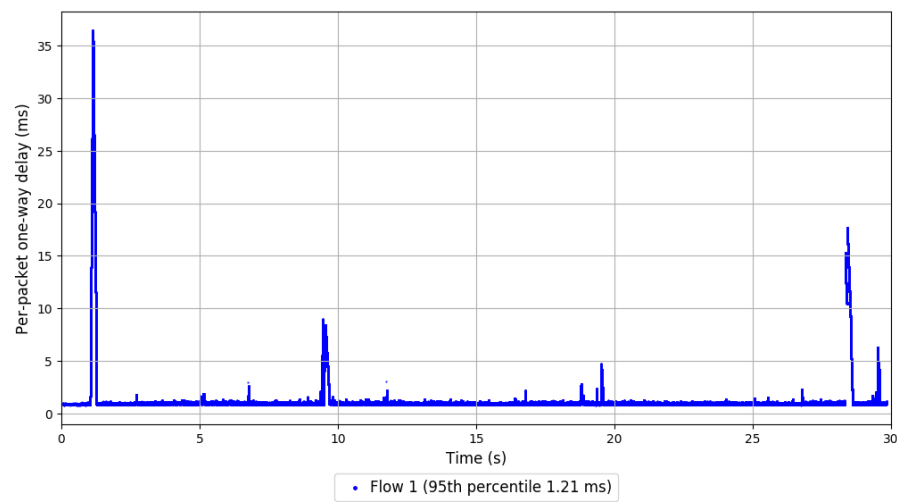
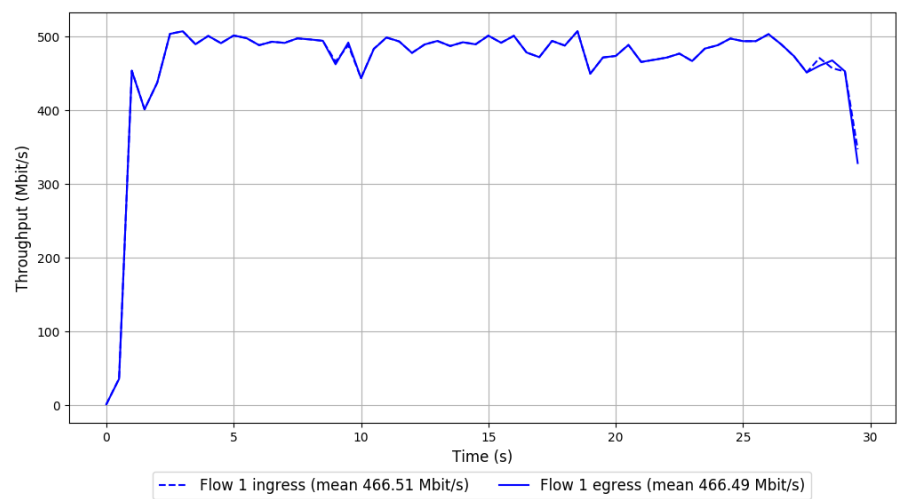


Run 7: Statistics of Vivace-latency

Start at: 2018-02-27 14:02:08
End at: 2018-02-27 14:02:38
Local clock offset: 0.549 ms
Remote clock offset: -5.946 ms

Below is generated by plot.py at 2018-02-27 22:00:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 466.49 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 466.49 Mbit/s
95th percentile per-packet one-way delay: 1.205 ms
Loss rate: 0.07%

Run 7: Report of Vivace-latency — Data Link

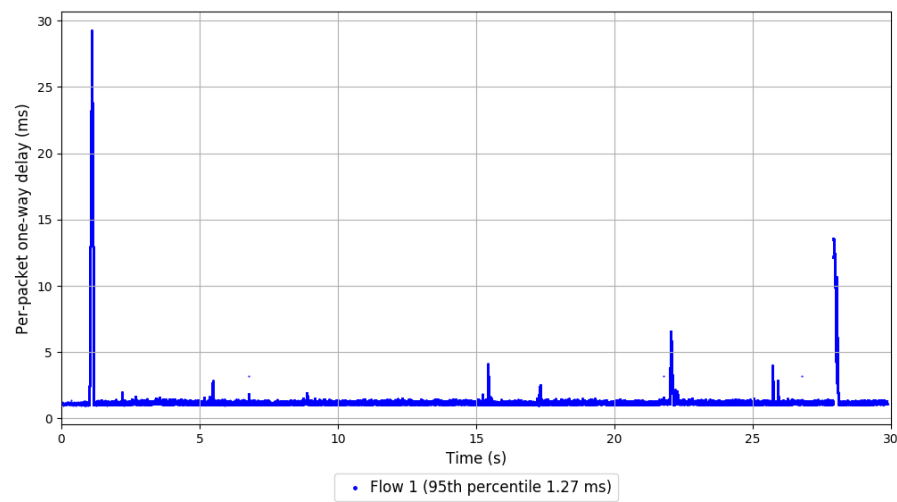
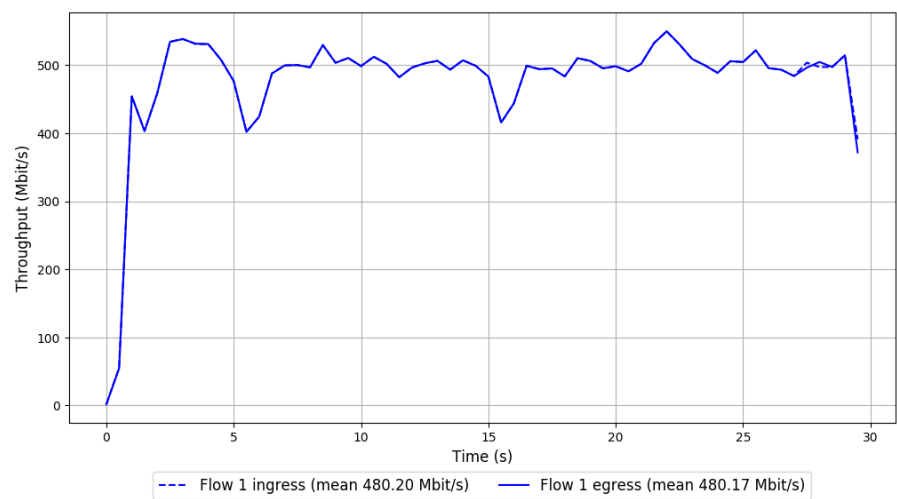


Run 8: Statistics of Vivace-latency

Start at: 2018-02-27 14:30:02
End at: 2018-02-27 14:30:32
Local clock offset: 0.705 ms
Remote clock offset: -6.524 ms

Below is generated by plot.py at 2018-02-27 22:00:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 480.17 Mbit/s
95th percentile per-packet one-way delay: 1.275 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 480.17 Mbit/s
95th percentile per-packet one-way delay: 1.275 ms
Loss rate: 0.07%

Run 8: Report of Vivace-latency — Data Link

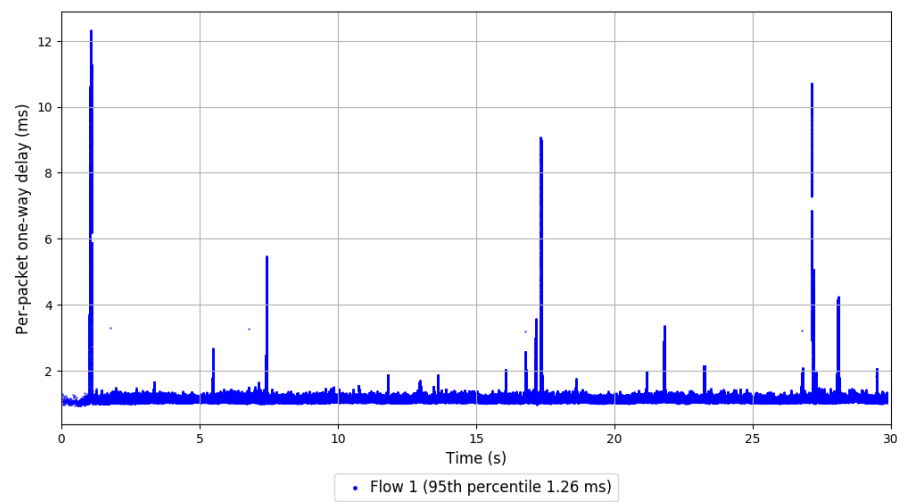
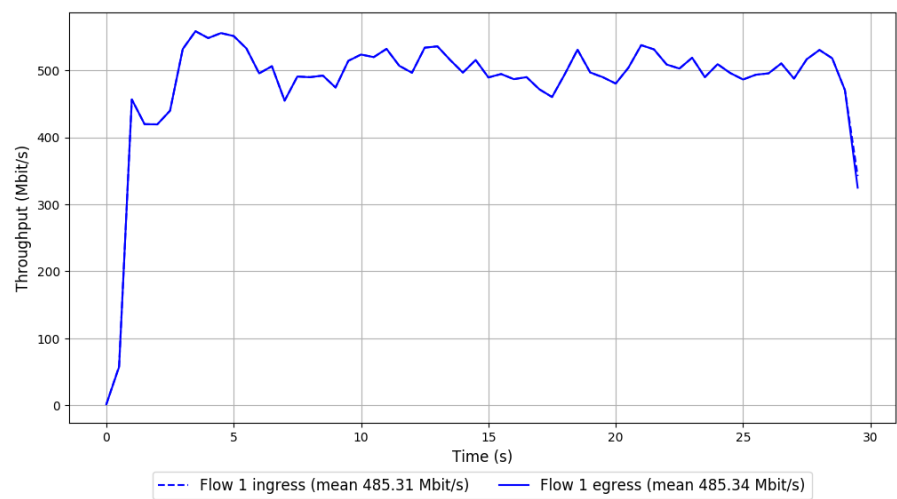


Run 9: Statistics of Vivace-latency

Start at: 2018-02-27 14:57:49
End at: 2018-02-27 14:58:19
Local clock offset: 1.039 ms
Remote clock offset: -5.932 ms

Below is generated by plot.py at 2018-02-27 22:03:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 485.34 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 485.34 Mbit/s
95th percentile per-packet one-way delay: 1.263 ms
Loss rate: 0.06%

Run 9: Report of Vivace-latency — Data Link

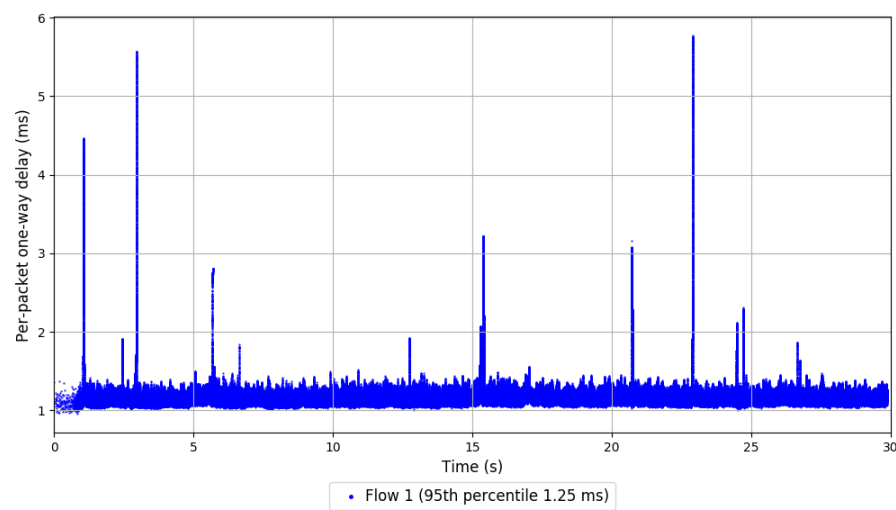
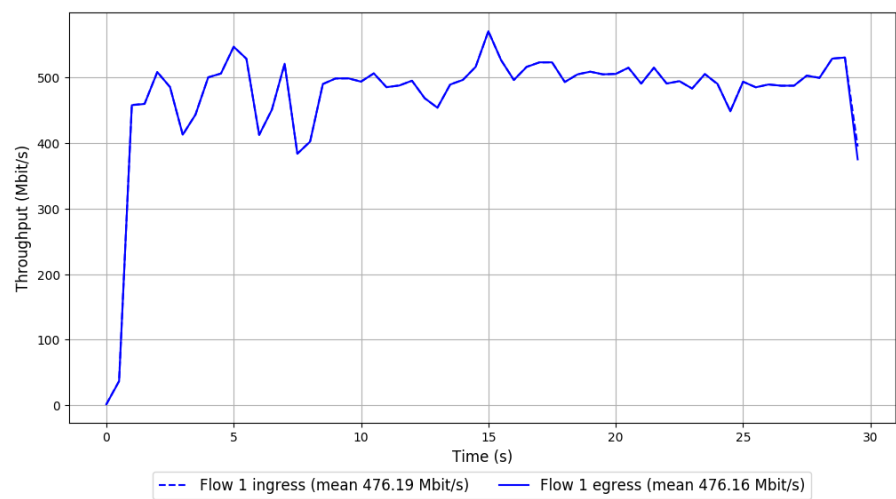


Run 10: Statistics of Vivace-latency

Start at: 2018-02-27 15:25:33
End at: 2018-02-27 15:26:03
Local clock offset: 0.885 ms
Remote clock offset: -5.787 ms

Below is generated by plot.py at 2018-02-27 22:03:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 476.16 Mbit/s
95th percentile per-packet one-way delay: 1.246 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 476.16 Mbit/s
95th percentile per-packet one-way delay: 1.246 ms
Loss rate: 0.07%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-27 11:02:24

End at: 2018-02-27 11:02:54

Local clock offset: 0.855 ms

Remote clock offset: -5.309 ms

Below is generated by plot.py at 2018-02-27 22:04:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 527.05 Mbit/s

95th percentile per-packet one-way delay: 90.727 ms

Loss rate: 2.01%

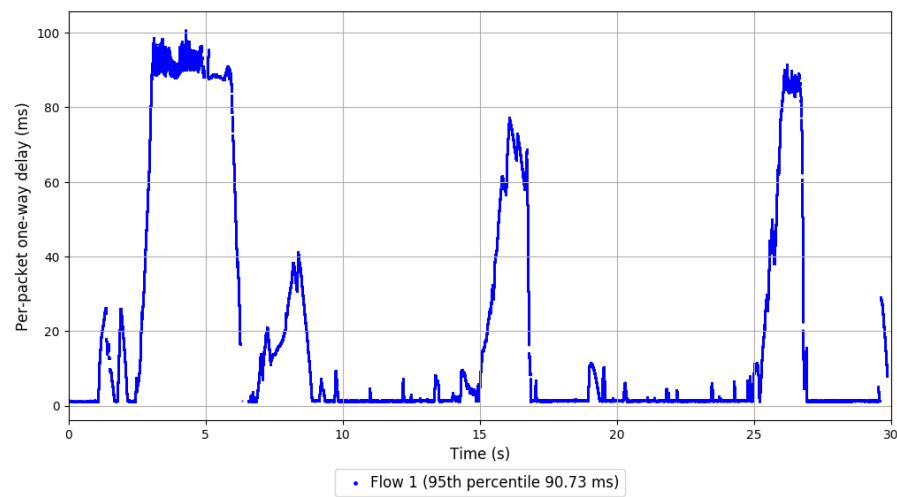
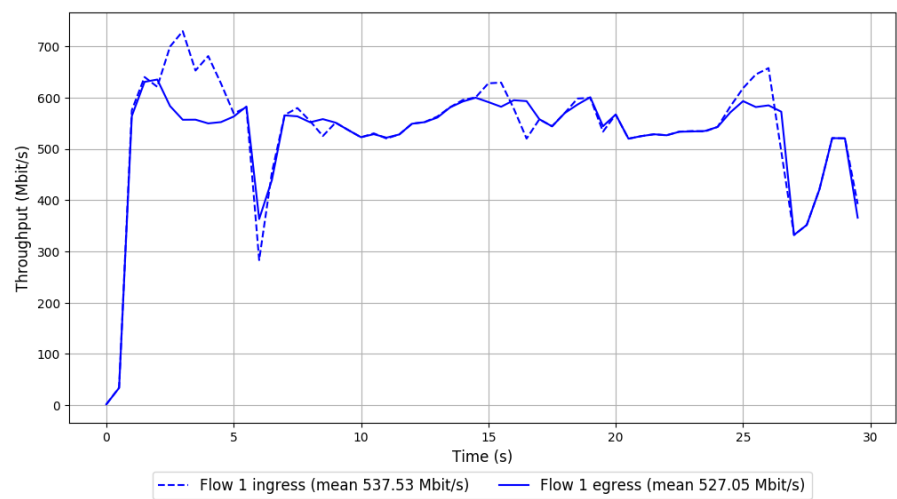
-- Flow 1:

Average throughput: 527.05 Mbit/s

95th percentile per-packet one-way delay: 90.727 ms

Loss rate: 2.01%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-27 11:30:08

End at: 2018-02-27 11:30:38

Local clock offset: -0.66 ms

Remote clock offset: -6.011 ms

Below is generated by plot.py at 2018-02-27 22:04:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 518.62 Mbit/s

95th percentile per-packet one-way delay: 95.304 ms

Loss rate: 4.29%

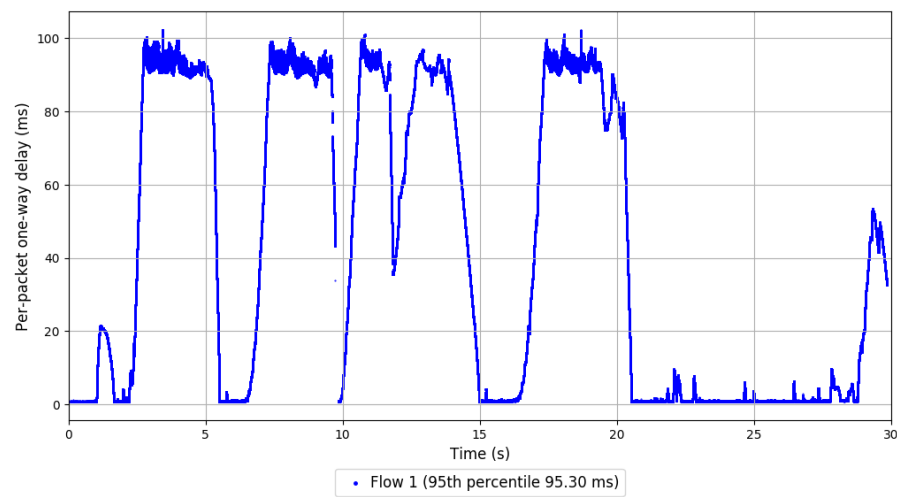
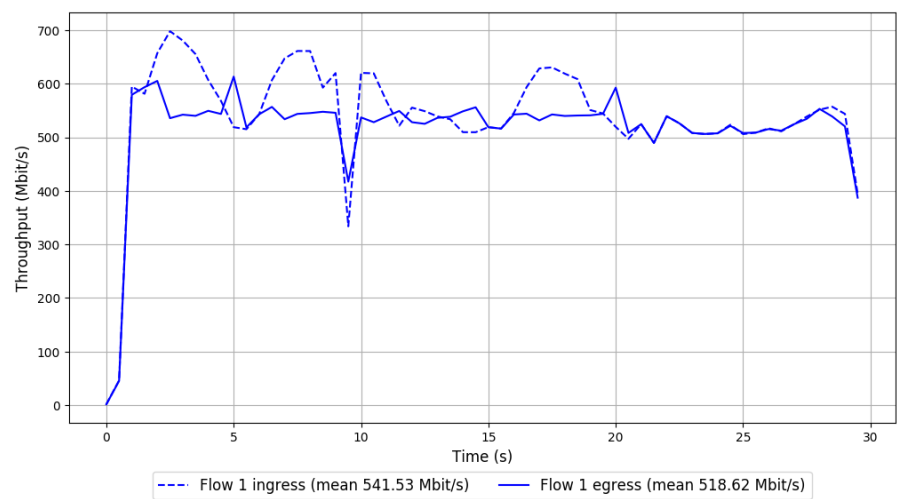
-- Flow 1:

Average throughput: 518.62 Mbit/s

95th percentile per-packet one-way delay: 95.304 ms

Loss rate: 4.29%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-27 11:57:50

End at: 2018-02-27 11:58:20

Local clock offset: 1.941 ms

Remote clock offset: -5.103 ms

Below is generated by plot.py at 2018-02-27 22:05:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 532.92 Mbit/s

95th percentile per-packet one-way delay: 89.288 ms

Loss rate: 1.71%

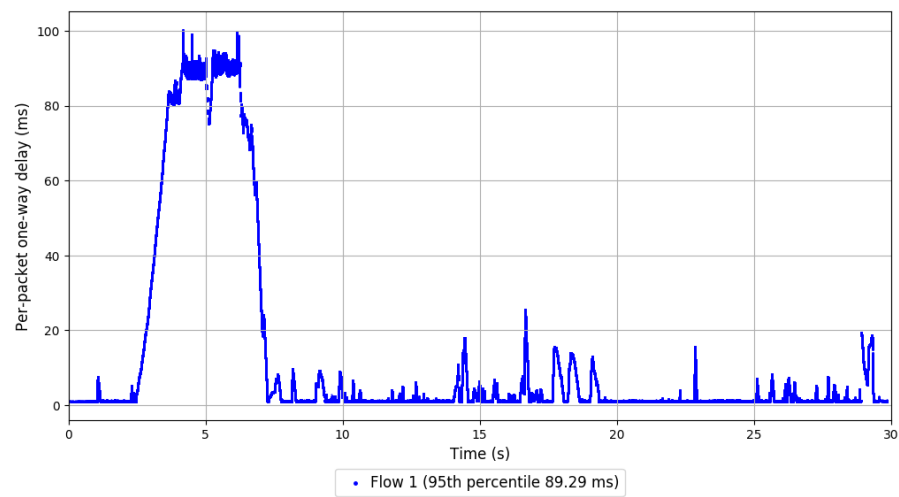
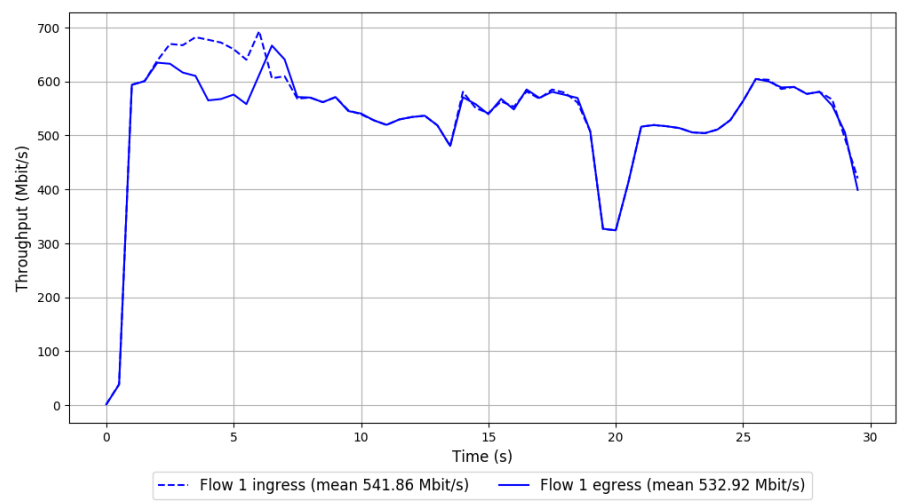
-- Flow 1:

Average throughput: 532.92 Mbit/s

95th percentile per-packet one-way delay: 89.288 ms

Loss rate: 1.71%

Run 3: Report of Vivace-loss — Data Link

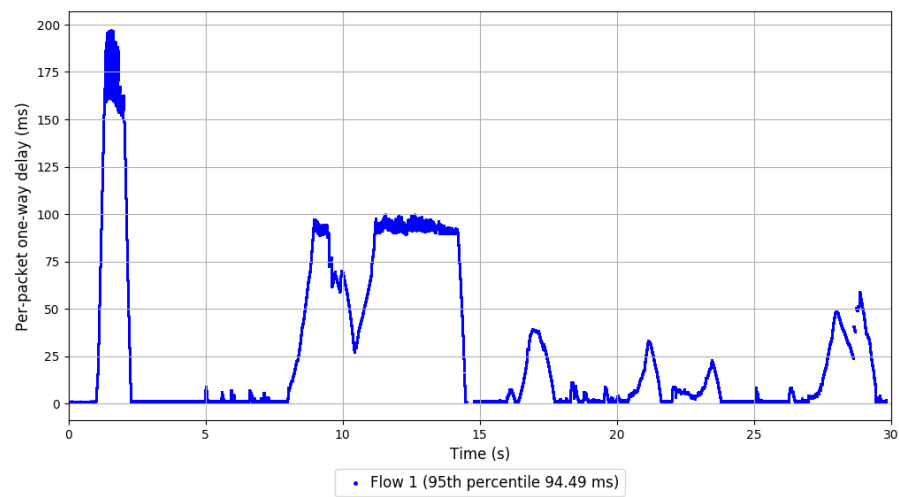
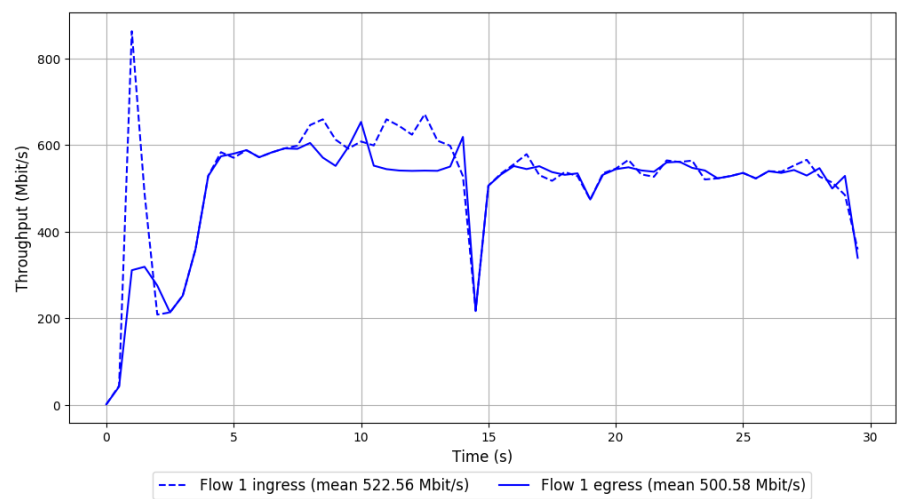


Run 4: Statistics of Vivace-loss

Start at: 2018-02-27 12:25:40
End at: 2018-02-27 12:26:10
Local clock offset: 0.89 ms
Remote clock offset: -5.484 ms

Below is generated by plot.py at 2018-02-27 22:05:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 500.58 Mbit/s
95th percentile per-packet one-way delay: 94.492 ms
Loss rate: 4.27%
-- Flow 1:
Average throughput: 500.58 Mbit/s
95th percentile per-packet one-way delay: 94.492 ms
Loss rate: 4.27%

Run 4: Report of Vivace-loss — Data Link

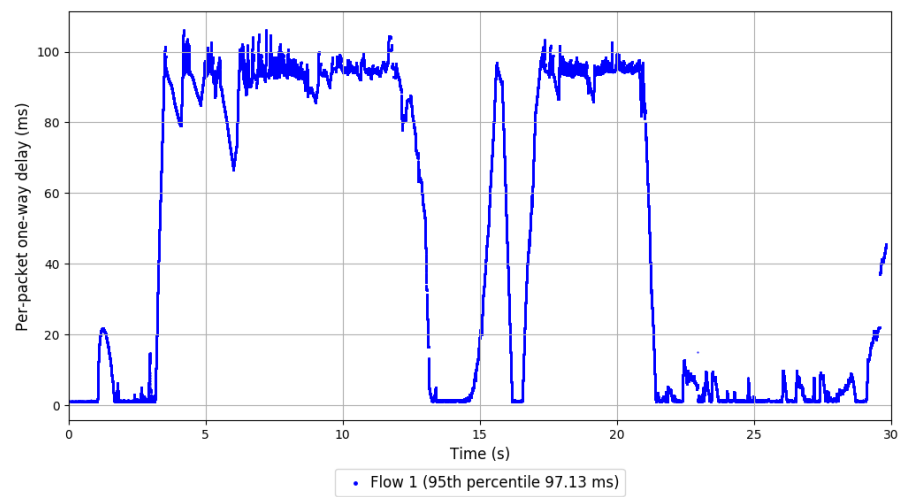
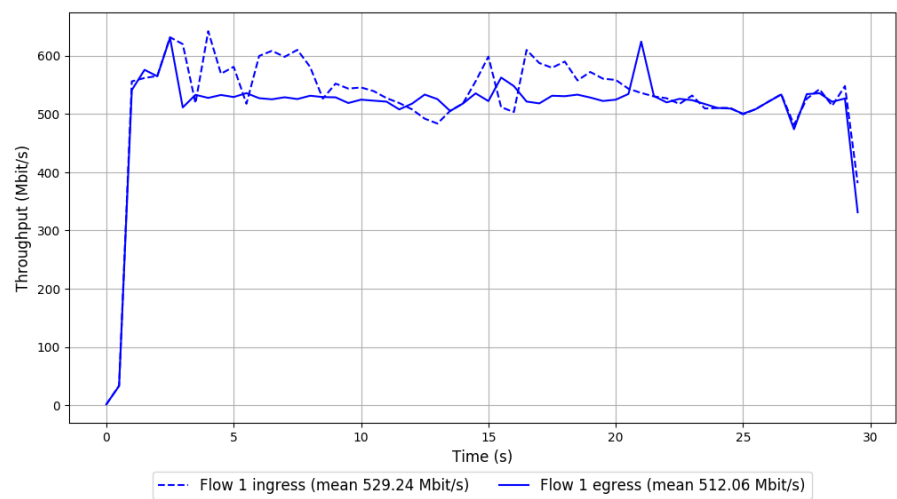


Run 5: Statistics of Vivace-loss

Start at: 2018-02-27 12:53:16
End at: 2018-02-27 12:53:46
Local clock offset: 0.675 ms
Remote clock offset: -5.492 ms

Below is generated by plot.py at 2018-02-27 22:07:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 512.06 Mbit/s
95th percentile per-packet one-way delay: 97.129 ms
Loss rate: 3.31%
-- Flow 1:
Average throughput: 512.06 Mbit/s
95th percentile per-packet one-way delay: 97.129 ms
Loss rate: 3.31%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-27 13:21:03

End at: 2018-02-27 13:21:33

Local clock offset: 0.619 ms

Remote clock offset: -5.273 ms

Below is generated by plot.py at 2018-02-27 22:07:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 479.74 Mbit/s

95th percentile per-packet one-way delay: 98.546 ms

Loss rate: 4.22%

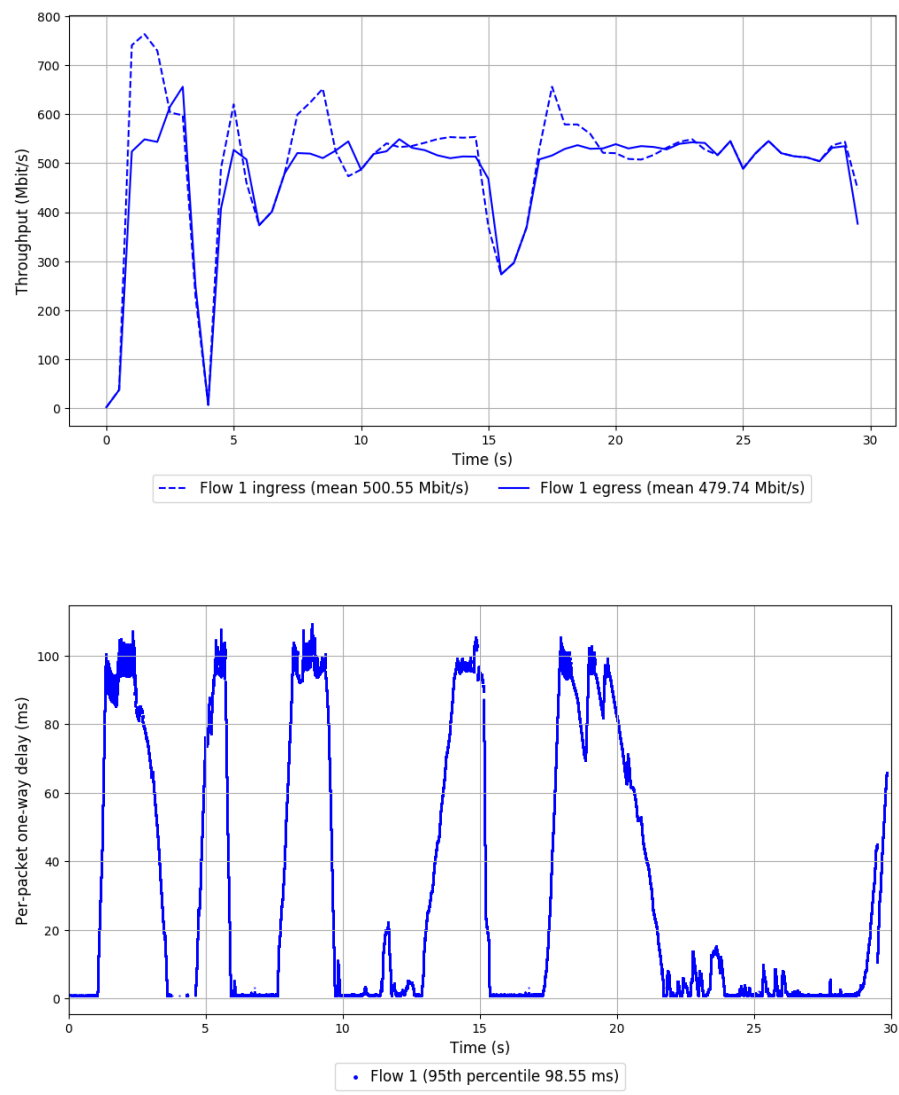
-- Flow 1:

Average throughput: 479.74 Mbit/s

95th percentile per-packet one-way delay: 98.546 ms

Loss rate: 4.22%

Run 6: Report of Vivace-loss — Data Link

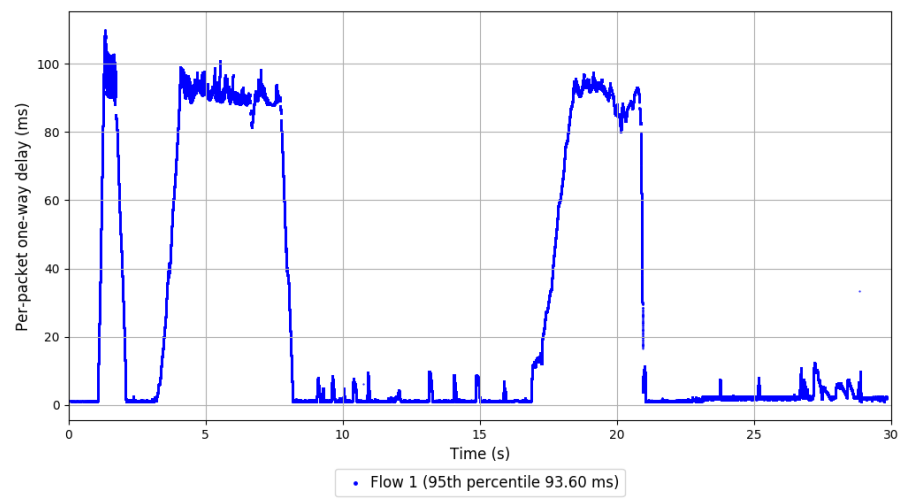
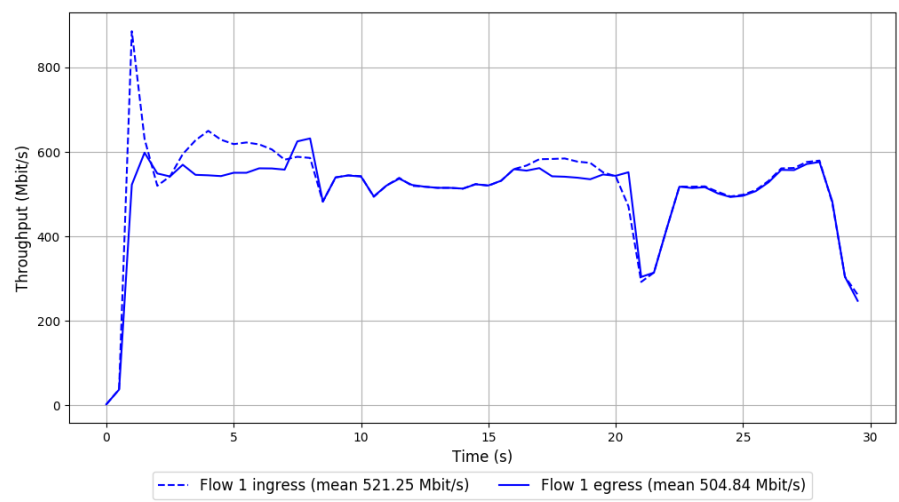


Run 7: Statistics of Vivace-loss

Start at: 2018-02-27 13:48:57
End at: 2018-02-27 13:49:27
Local clock offset: 0.789 ms
Remote clock offset: -5.058 ms

Below is generated by plot.py at 2018-02-27 22:10:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 504.84 Mbit/s
95th percentile per-packet one-way delay: 93.601 ms
Loss rate: 3.21%
-- Flow 1:
Average throughput: 504.84 Mbit/s
95th percentile per-packet one-way delay: 93.601 ms
Loss rate: 3.21%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-27 14:17:13

End at: 2018-02-27 14:17:43

Local clock offset: 0.502 ms

Remote clock offset: -6.502 ms

Below is generated by plot.py at 2018-02-27 22:11:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 511.38 Mbit/s

95th percentile per-packet one-way delay: 95.649 ms

Loss rate: 4.25%

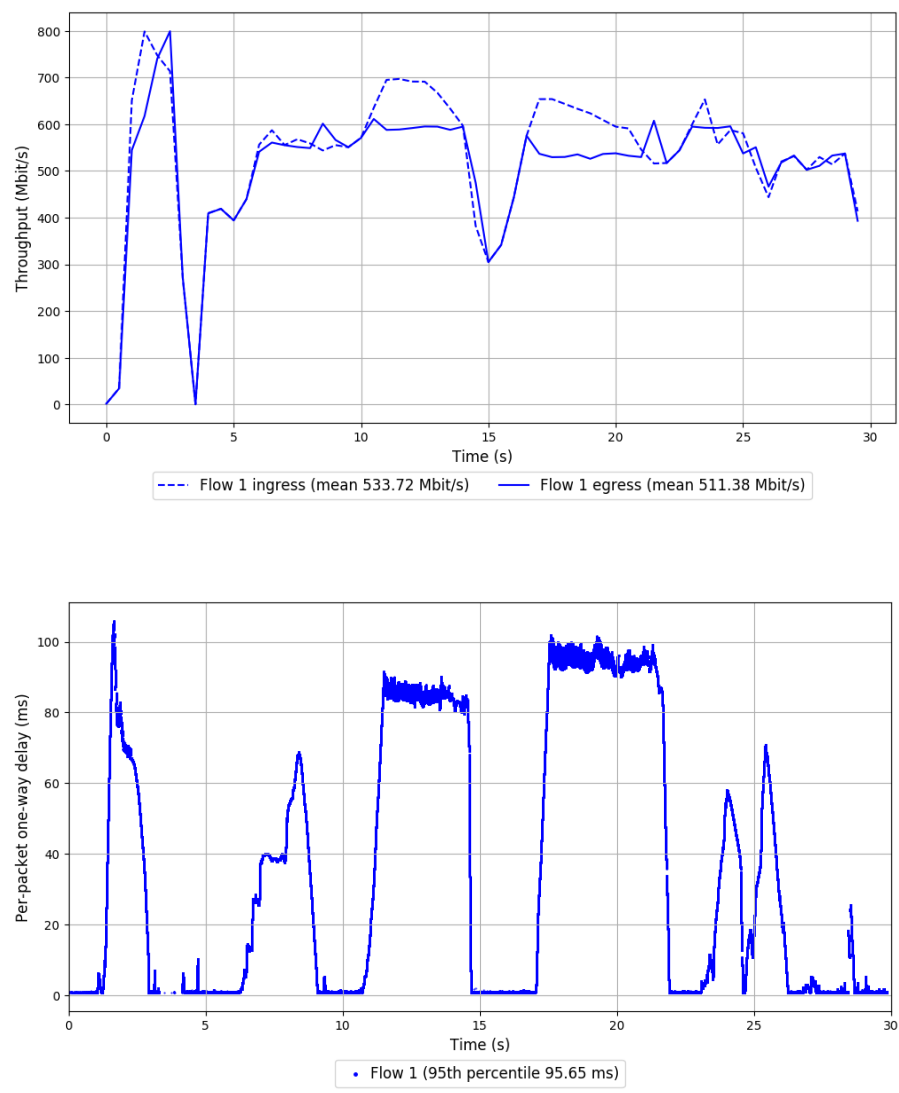
-- Flow 1:

Average throughput: 511.38 Mbit/s

95th percentile per-packet one-way delay: 95.649 ms

Loss rate: 4.25%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-27 14:44:52

End at: 2018-02-27 14:45:22

Local clock offset: 0.988 ms

Remote clock offset: -6.104 ms

Below is generated by plot.py at 2018-02-27 22:11:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 450.07 Mbit/s

95th percentile per-packet one-way delay: 157.217 ms

Loss rate: 5.08%

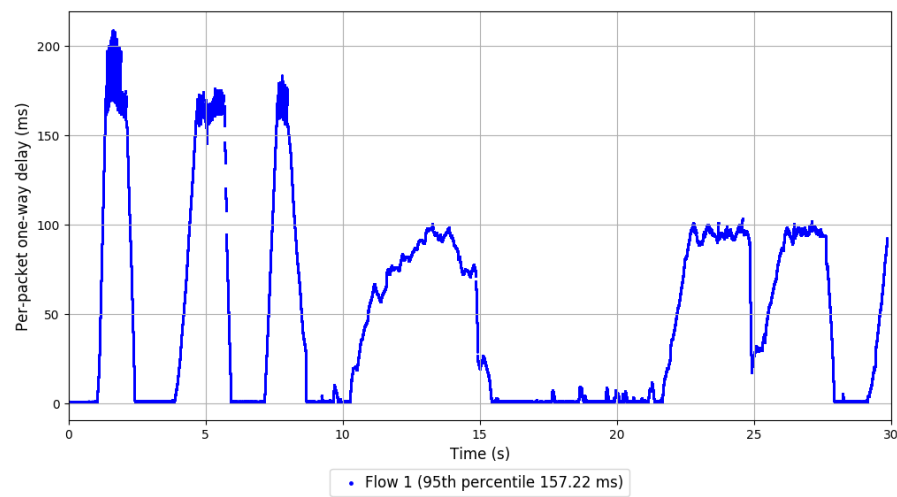
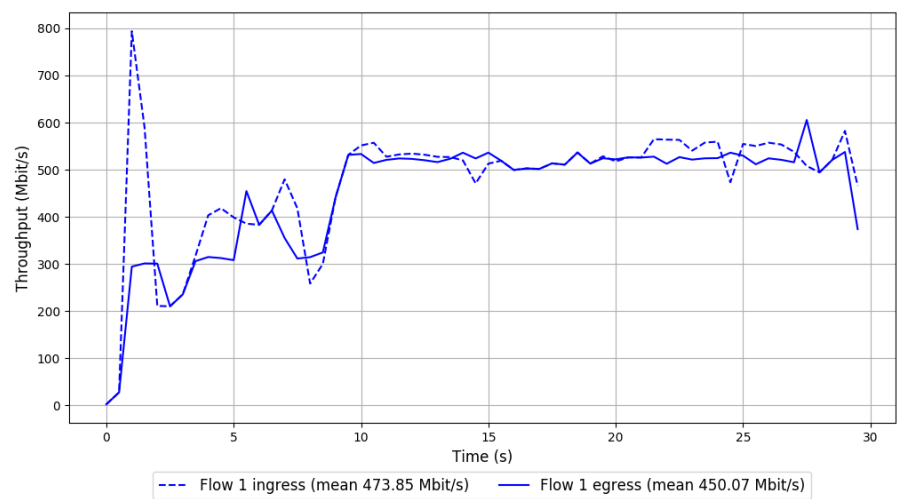
-- Flow 1:

Average throughput: 450.07 Mbit/s

95th percentile per-packet one-way delay: 157.217 ms

Loss rate: 5.08%

Run 9: Report of Vivace-loss — Data Link

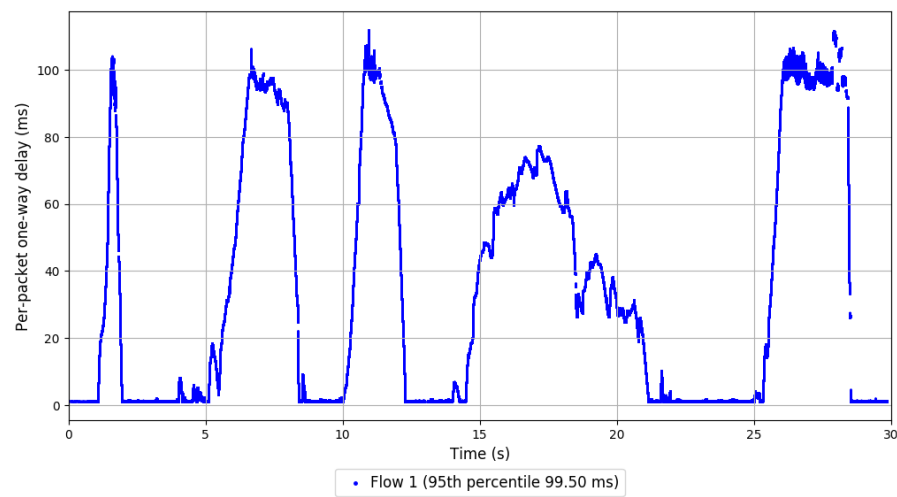
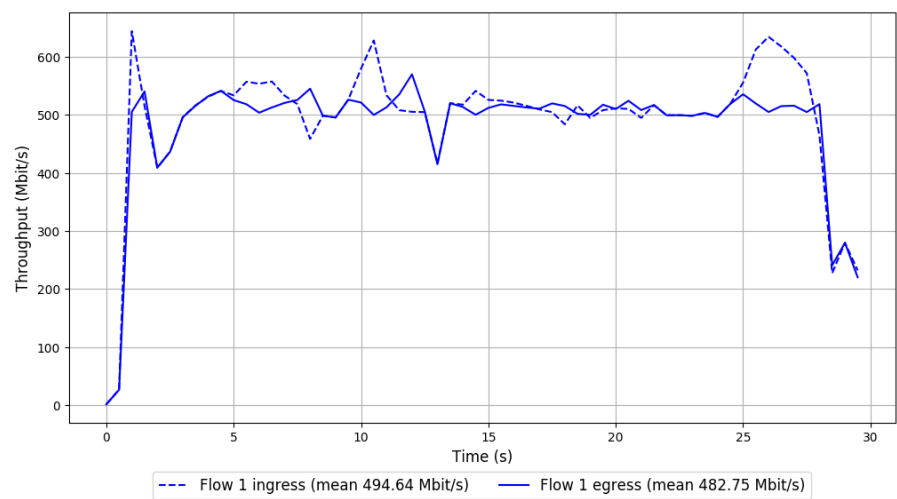


Run 10: Statistics of Vivace-loss

Start at: 2018-02-27 15:12:38
End at: 2018-02-27 15:13:08
Local clock offset: 0.961 ms
Remote clock offset: -5.842 ms

Below is generated by plot.py at 2018-02-27 22:12:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 482.75 Mbit/s
95th percentile per-packet one-way delay: 99.496 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 482.75 Mbit/s
95th percentile per-packet one-way delay: 99.496 ms
Loss rate: 2.47%

Run 10: Report of Vivace-loss — Data Link

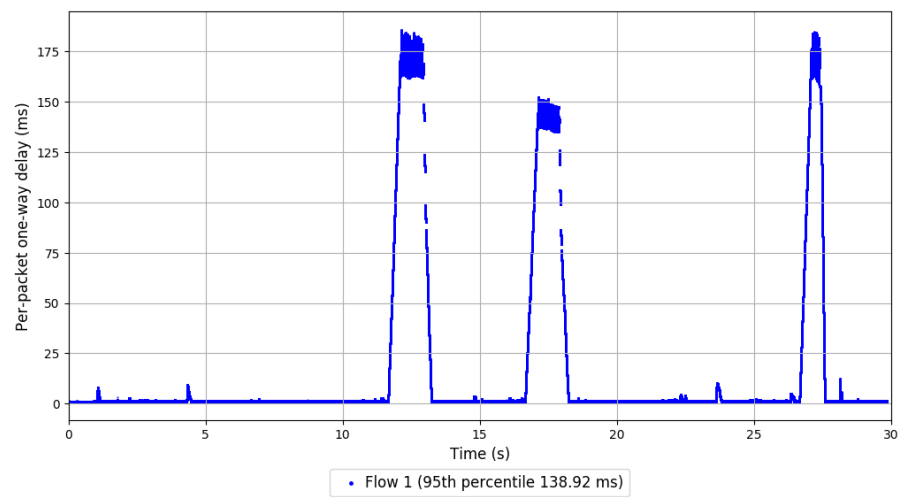
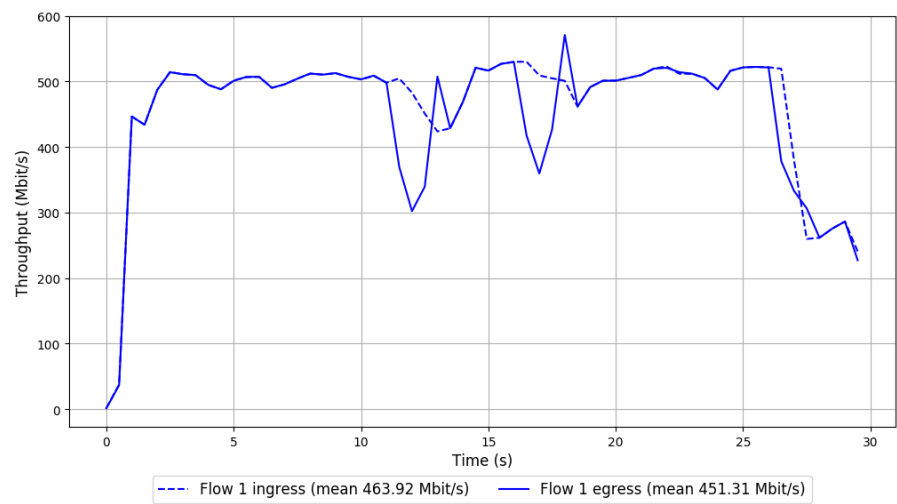


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-27 11:17:01
End at: 2018-02-27 11:17:31
Local clock offset: -0.224 ms
Remote clock offset: -6.026 ms

Below is generated by plot.py at 2018-02-27 22:12:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 451.31 Mbit/s
95th percentile per-packet one-way delay: 138.918 ms
Loss rate: 2.78%
-- Flow 1:
Average throughput: 451.31 Mbit/s
95th percentile per-packet one-way delay: 138.918 ms
Loss rate: 2.78%

Run 1: Report of Vivace-LTE — Data Link

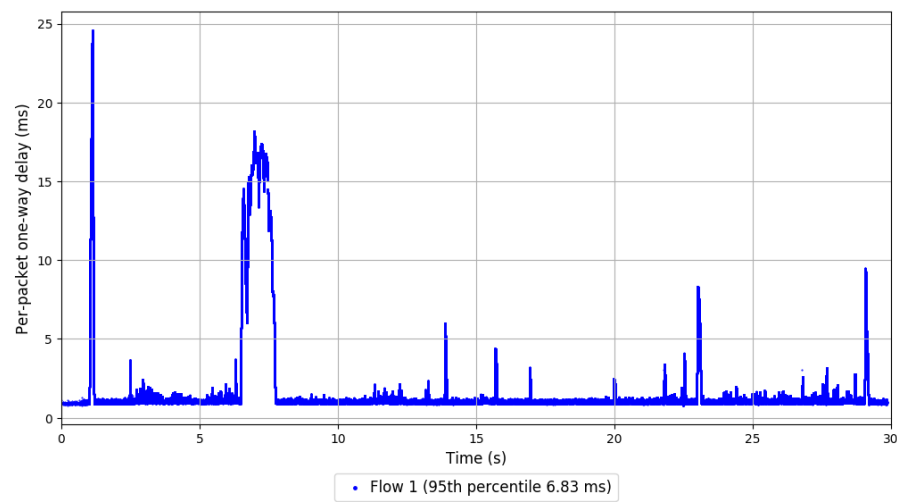
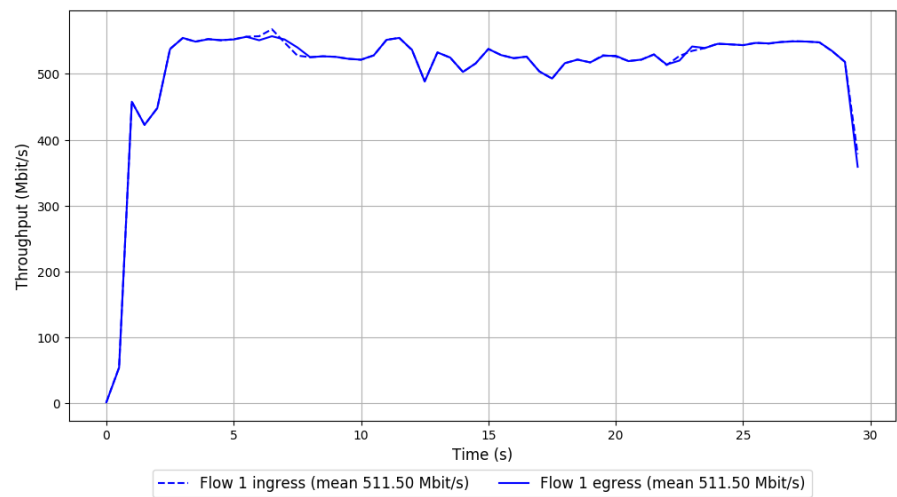


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-27 11:44:47
End at: 2018-02-27 11:45:17
Local clock offset: 0.97 ms
Remote clock offset: -5.545 ms

Below is generated by plot.py at 2018-02-27 22:13:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 511.50 Mbit/s
95th percentile per-packet one-way delay: 6.831 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 511.50 Mbit/s
95th percentile per-packet one-way delay: 6.831 ms
Loss rate: 0.07%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-27 12:12:32

End at: 2018-02-27 12:13:02

Local clock offset: 1.951 ms

Remote clock offset: -4.937 ms

Below is generated by plot.py at 2018-02-27 22:15:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 503.34 Mbit/s

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

Loss rate: 0.07%

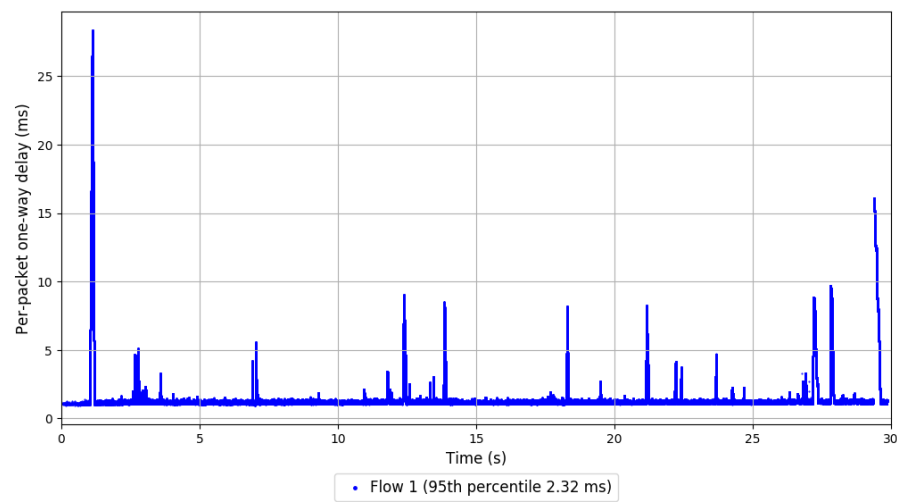
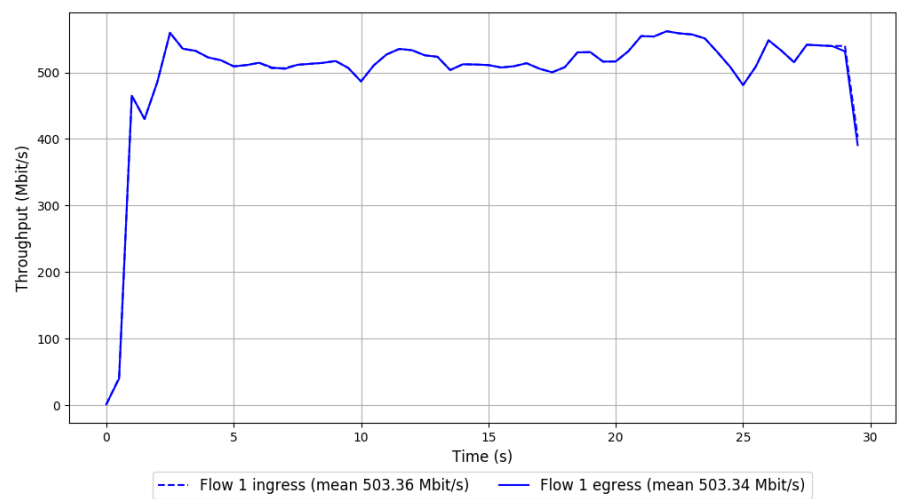
-- Flow 1:

Average throughput: 503.34 Mbit/s

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

Loss rate: 0.07%

Run 3: Report of Vivace-LTE — Data Link

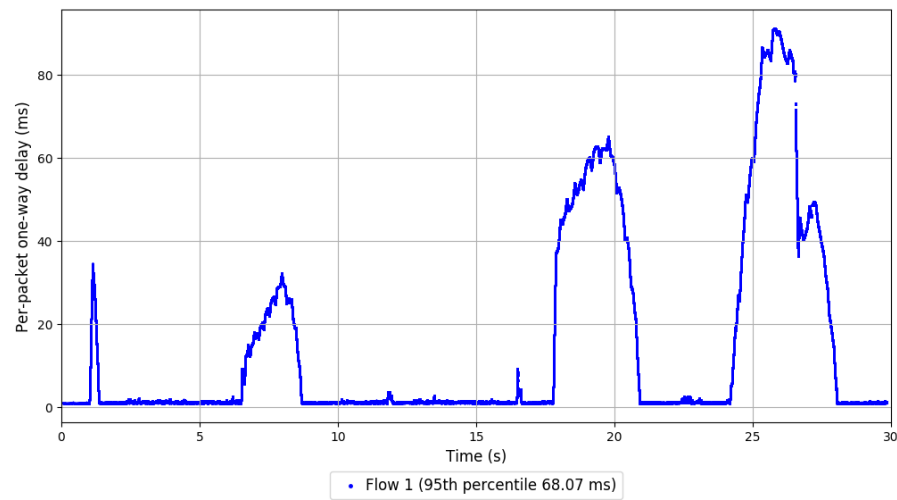
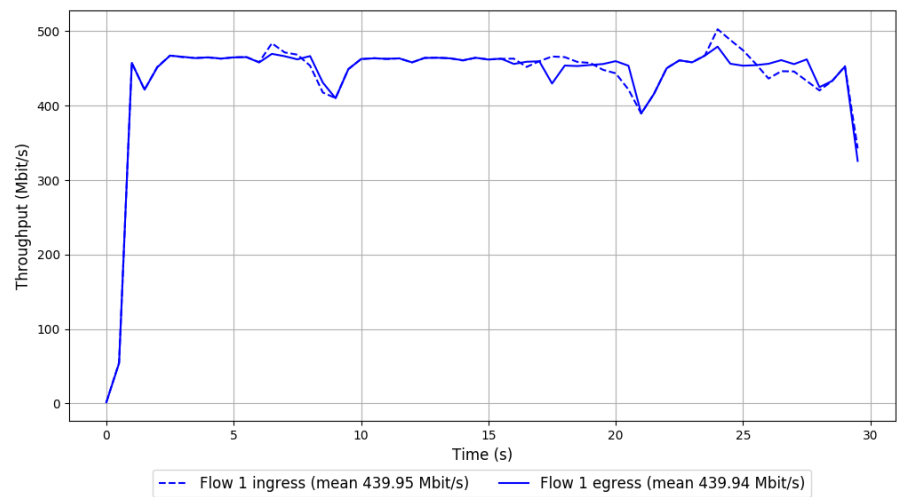


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-27 12:40:12
End at: 2018-02-27 12:40:42
Local clock offset: 0.48 ms
Remote clock offset: -5.582 ms

Below is generated by plot.py at 2018-02-27 22:15:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 439.94 Mbit/s
95th percentile per-packet one-way delay: 68.070 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 439.94 Mbit/s
95th percentile per-packet one-way delay: 68.070 ms
Loss rate: 0.07%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-27 13:07:59

End at: 2018-02-27 13:08:29

Local clock offset: 0.647 ms

Remote clock offset: -5.382 ms

Below is generated by plot.py at 2018-02-27 22:17:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 479.77 Mbit/s

95th percentile per-packet one-way delay: 7.628 ms

Loss rate: 0.89%

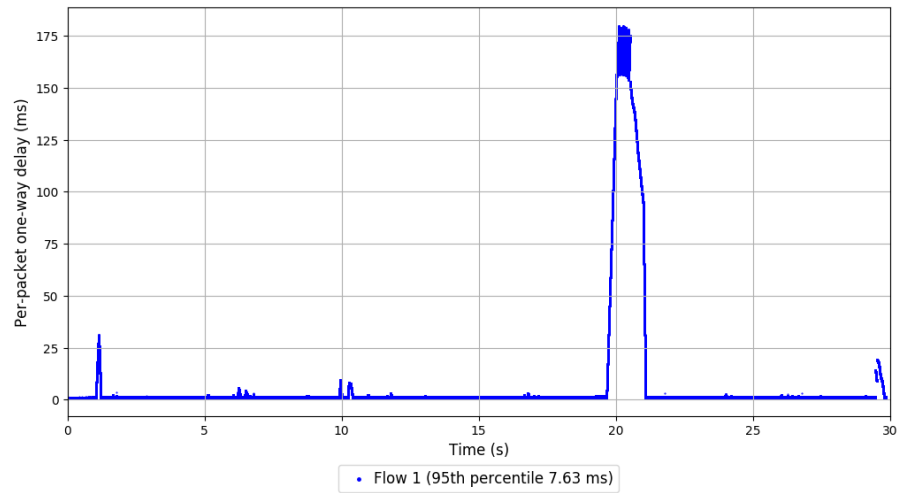
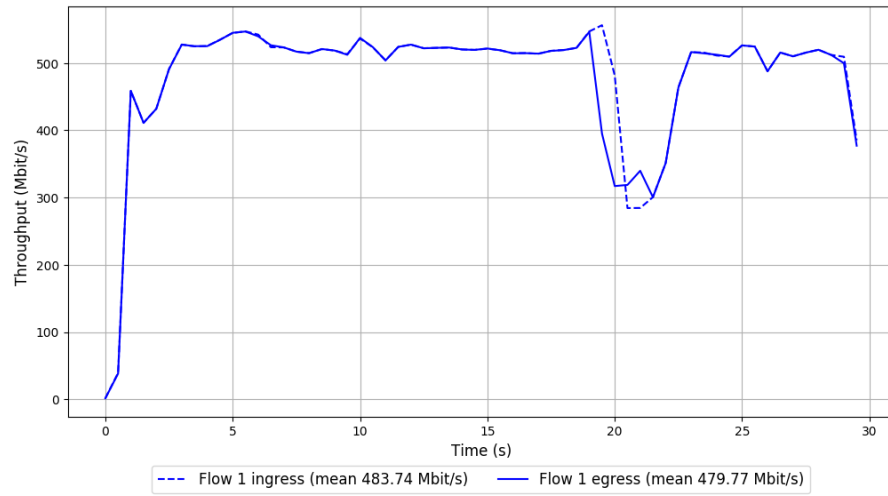
-- Flow 1:

Average throughput: 479.77 Mbit/s

95th percentile per-packet one-way delay: 7.628 ms

Loss rate: 0.89%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-27 13:35:53

End at: 2018-02-27 13:36:23

Local clock offset: 0.793 ms

Remote clock offset: -5.203 ms

Below is generated by plot.py at 2018-02-27 22:17:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 488.75 Mbit/s

95th percentile per-packet one-way delay: 22.055 ms

Loss rate: 0.92%

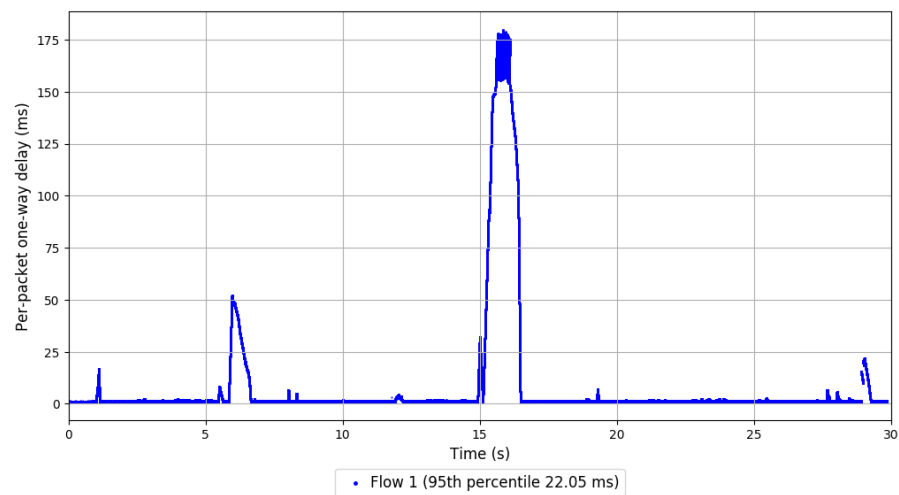
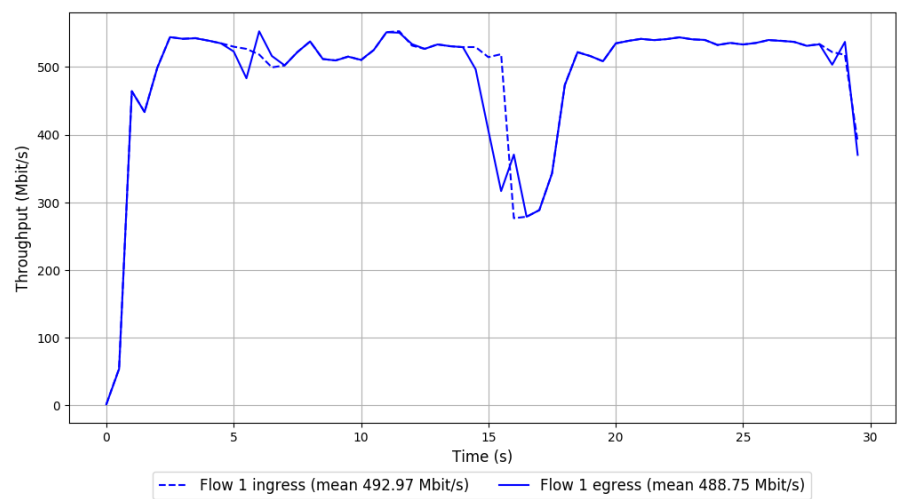
-- Flow 1:

Average throughput: 488.75 Mbit/s

95th percentile per-packet one-way delay: 22.055 ms

Loss rate: 0.92%

Run 6: Report of Vivace-LTE — Data Link

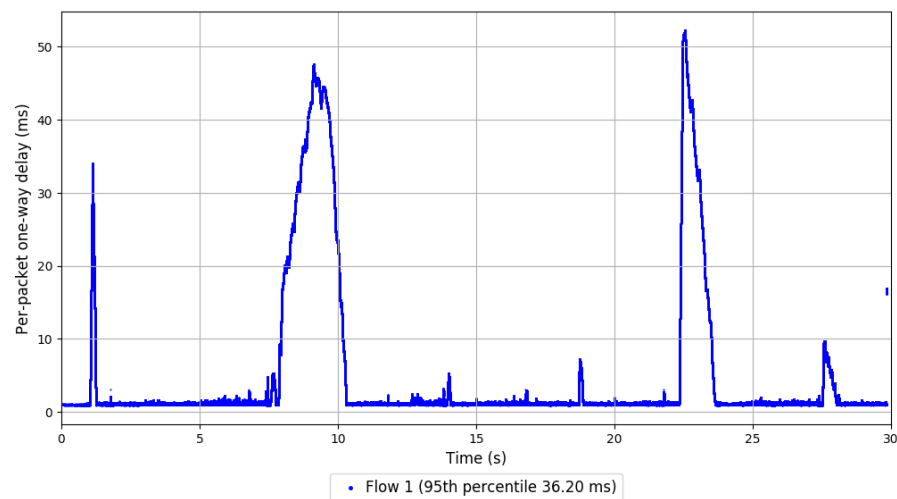
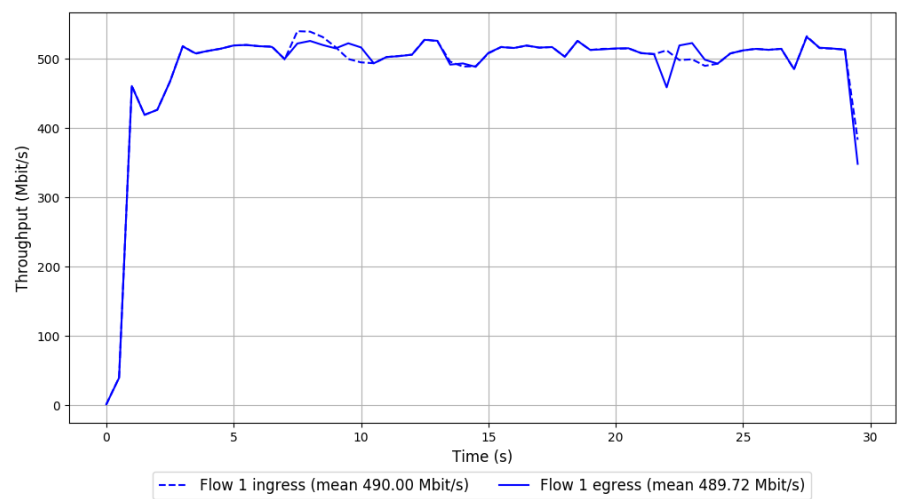


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-27 14:03:50
End at: 2018-02-27 14:04:20
Local clock offset: 0.556 ms
Remote clock offset: -6.104 ms

Below is generated by plot.py at 2018-02-27 22:18:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 489.72 Mbit/s
95th percentile per-packet one-way delay: 36.199 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 489.72 Mbit/s
95th percentile per-packet one-way delay: 36.199 ms
Loss rate: 0.12%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-02-27 14:31:44

End at: 2018-02-27 14:32:14

Local clock offset: 0.745 ms

Remote clock offset: -6.437 ms

Below is generated by plot.py at 2018-02-27 22:18:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 478.12 Mbit/s

95th percentile per-packet one-way delay: 9.144 ms

Loss rate: 0.74%

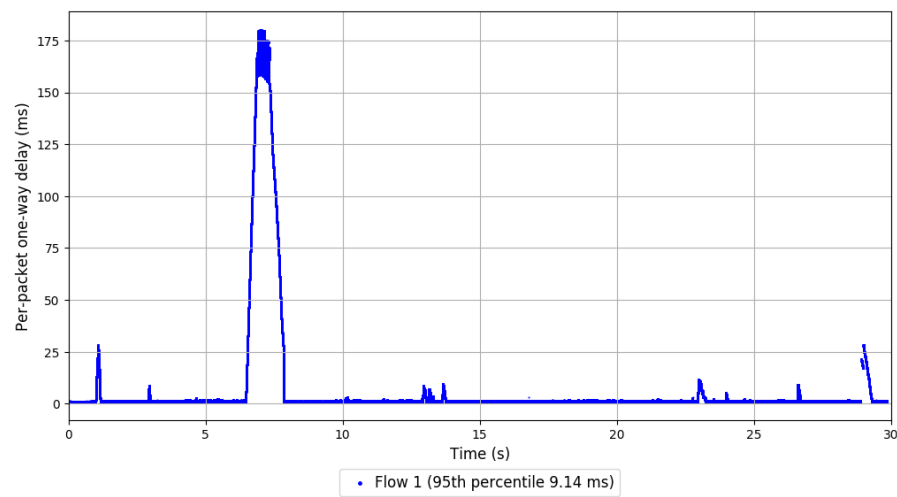
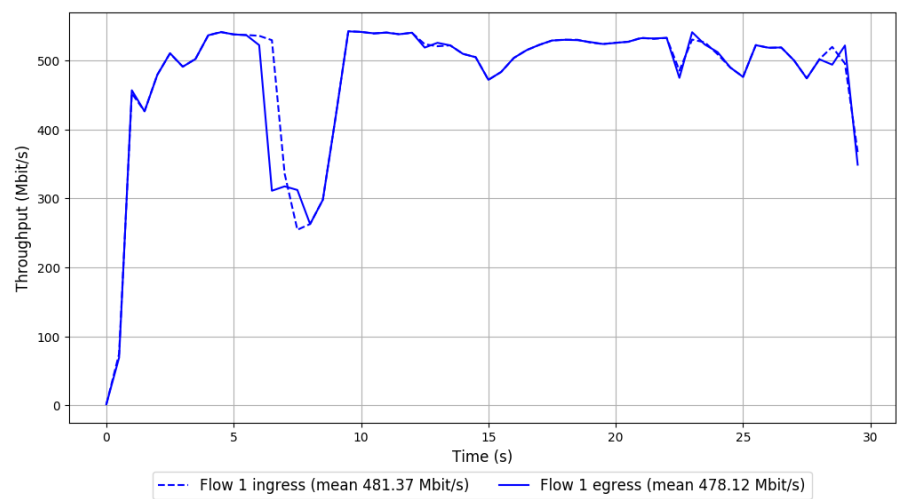
-- Flow 1:

Average throughput: 478.12 Mbit/s

95th percentile per-packet one-way delay: 9.144 ms

Loss rate: 0.74%

Run 8: Report of Vivace-LTE — Data Link

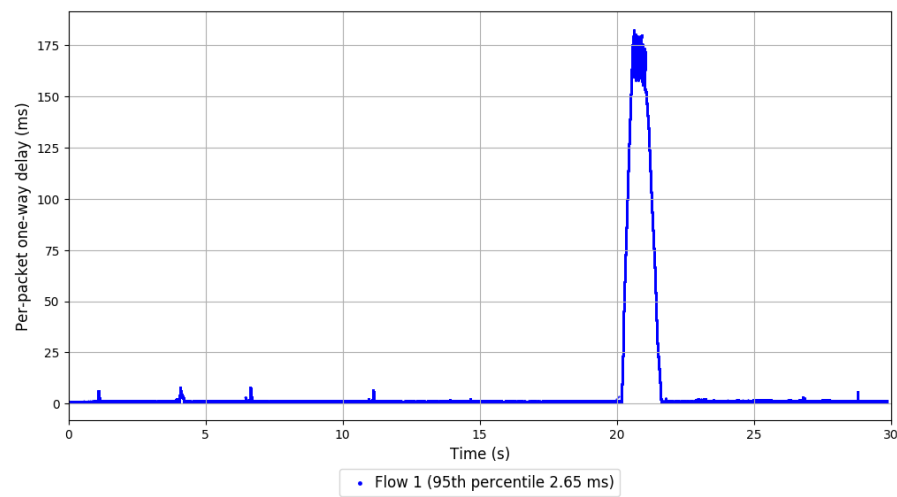
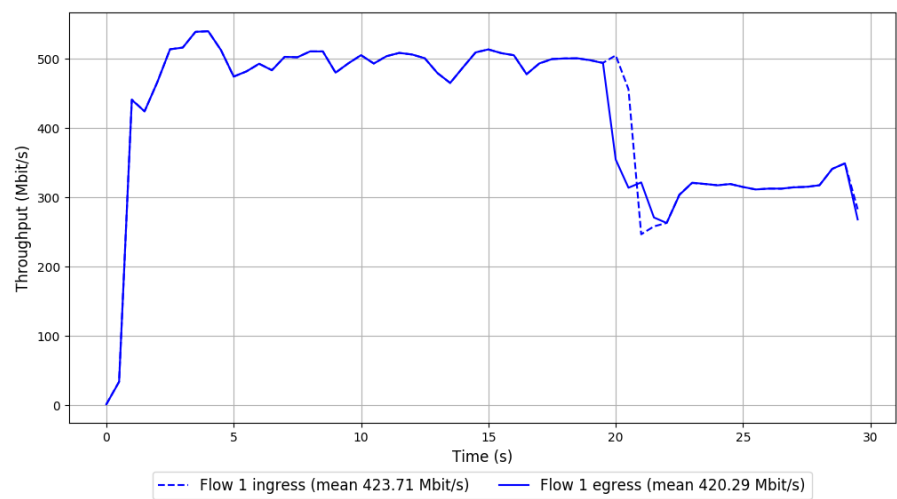


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-27 14:59:36
End at: 2018-02-27 15:00:06
Local clock offset: 1.044 ms
Remote clock offset: -5.903 ms

Below is generated by plot.py at 2018-02-27 22:18:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 420.29 Mbit/s
95th percentile per-packet one-way delay: 2.655 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 420.29 Mbit/s
95th percentile per-packet one-way delay: 2.655 ms
Loss rate: 0.87%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-27 15:27:16

End at: 2018-02-27 15:27:46

Local clock offset: 0.875 ms

Remote clock offset: -5.778 ms

Below is generated by plot.py at 2018-02-27 22:18:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 447.16 Mbit/s

95th percentile per-packet one-way delay: 102.224 ms

Loss rate: 1.47%

-- Flow 1:

Average throughput: 447.16 Mbit/s

95th percentile per-packet one-way delay: 102.224 ms

Loss rate: 1.47%

Run 10: Report of Vivace-LTE — Data Link

