

Pantheon Report

Generated at 2018-02-27 19:08:01 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia Ethernet (*remote*).

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).

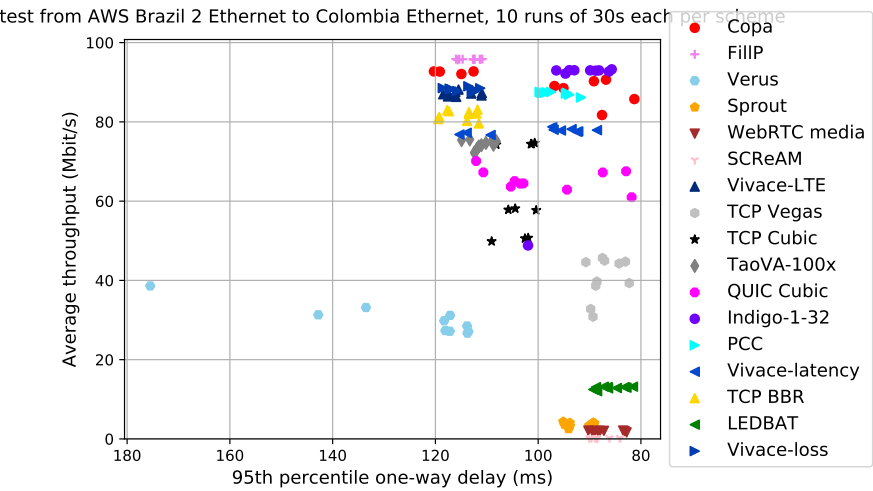
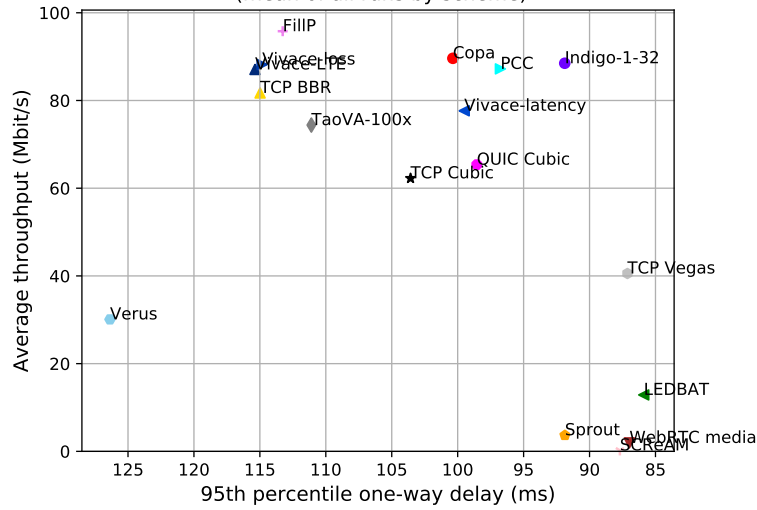
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** 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 @ f1a14bffe749737437f61b1eae30b267cde681
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 AWS Brazil 2 Ethernet to Colombia 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	81.73	114.98	2.00
TCP Cubic	10	62.26	103.58	0.49
LEDBAT	10	12.87	85.89	0.00
PCC	10	87.21	96.76	1.44
QUIC Cubic	10	65.36	98.55	0.22
SCReAM	10	0.21	87.70	0.00
WebRTC media	10	1.92	86.98	0.00
Sprout	10	3.67	91.87	0.00
TaoVA-100x	10	74.39	111.10	0.71
TCP Vegas	10	40.55	87.13	0.34
Verus	10	30.09	126.37	27.95
Copa	10	89.62	100.36	36.28
FillP	10	95.80	113.27	15.66
Indigo-1-32	10	88.49	91.88	1.03
Vivace-latency	10	77.65	99.51	0.06
Vivace-loss	10	88.20	114.83	2.38
Vivace-LTE	10	87.08	115.37	1.95

Run 1: Statistics of TCP BBR

Start at: 2018-02-27 14:57:55

End at: 2018-02-27 14:58:25

Local clock offset: -5.108 ms

Remote clock offset: -6.041 ms

Below is generated by plot.py at 2018-02-27 18:45:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 113.826 ms

Loss rate: 2.12%

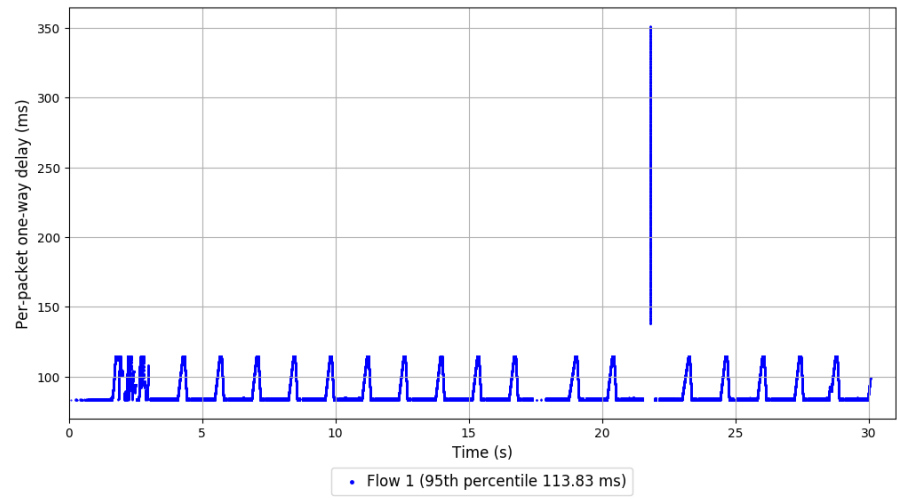
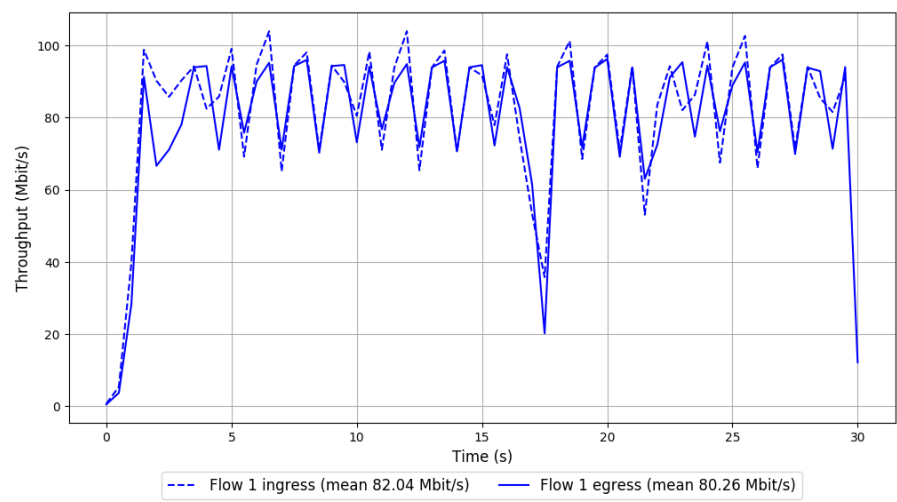
-- Flow 1:

Average throughput: 80.26 Mbit/s

95th percentile per-packet one-way delay: 113.826 ms

Loss rate: 2.12%

Run 1: Report of TCP BBR — Data Link

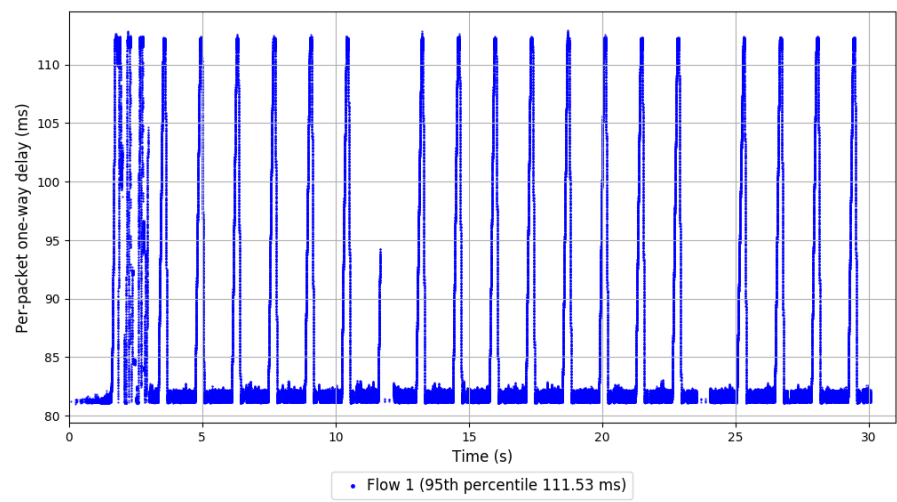
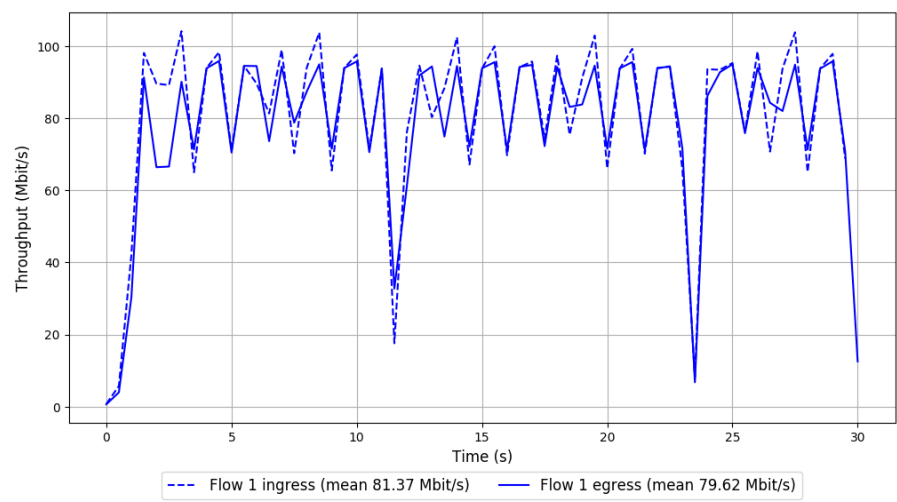


Run 2: Statistics of TCP BBR

Start at: 2018-02-27 15:19:55
End at: 2018-02-27 15:20:25
Local clock offset: -5.24 ms
Remote clock offset: -5.418 ms

Below is generated by plot.py at 2018-02-27 18:45:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 111.527 ms
Loss rate: 2.15%
-- Flow 1:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 111.527 ms
Loss rate: 2.15%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-27 15:42:13

End at: 2018-02-27 15:42:43

Local clock offset: -3.889 ms

Remote clock offset: 0.149 ms

Below is generated by plot.py at 2018-02-27 18:45:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.00 Mbit/s

95th percentile per-packet one-way delay: 117.683 ms

Loss rate: 1.80%

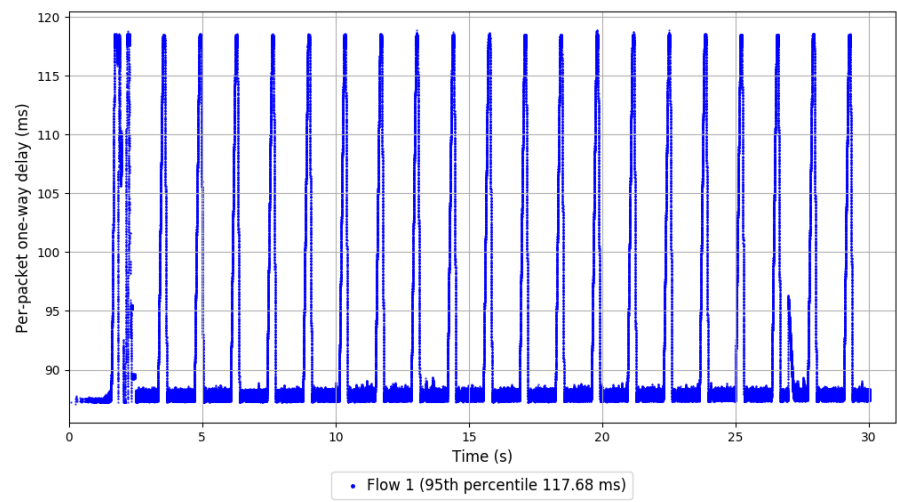
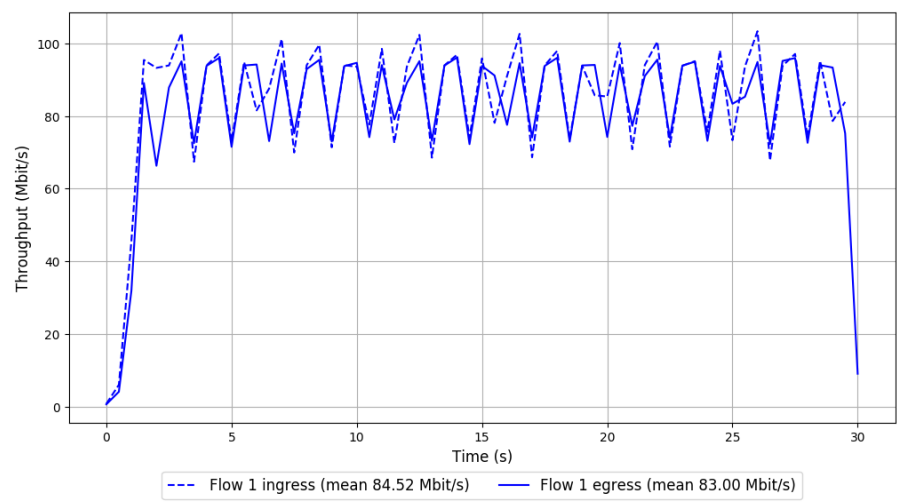
-- Flow 1:

Average throughput: 83.00 Mbit/s

95th percentile per-packet one-way delay: 117.683 ms

Loss rate: 1.80%

Run 3: Report of TCP BBR — Data Link

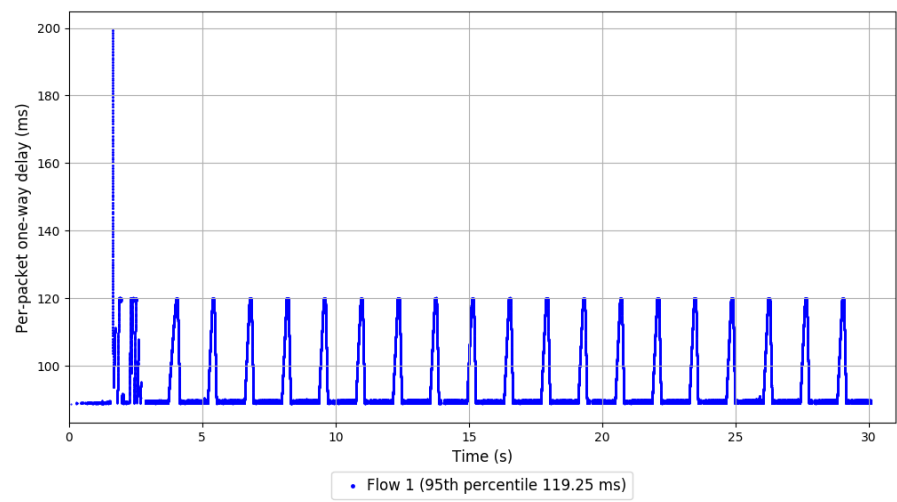
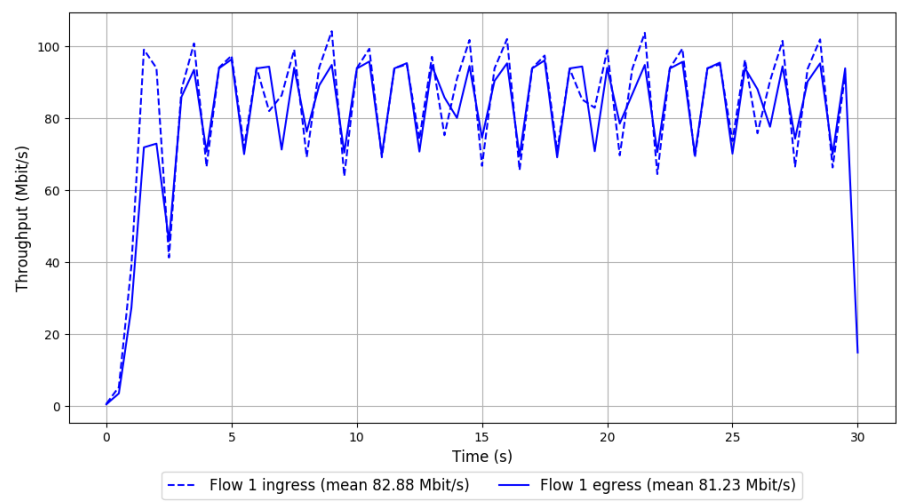


Run 4: Statistics of TCP BBR

Start at: 2018-02-27 16:04:56
End at: 2018-02-27 16:05:26
Local clock offset: -2.82 ms
Remote clock offset: -0.225 ms

Below is generated by plot.py at 2018-02-27 18:45:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.23 Mbit/s
95th percentile per-packet one-way delay: 119.245 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 81.23 Mbit/s
95th percentile per-packet one-way delay: 119.245 ms
Loss rate: 1.98%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

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

End at: 2018-02-27 16:27:46

Local clock offset: -7.09 ms

Remote clock offset: -5.854 ms

Below is generated by plot.py at 2018-02-27 18:45:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.12 Mbit/s

95th percentile per-packet one-way delay: 112.029 ms

Loss rate: 2.07%

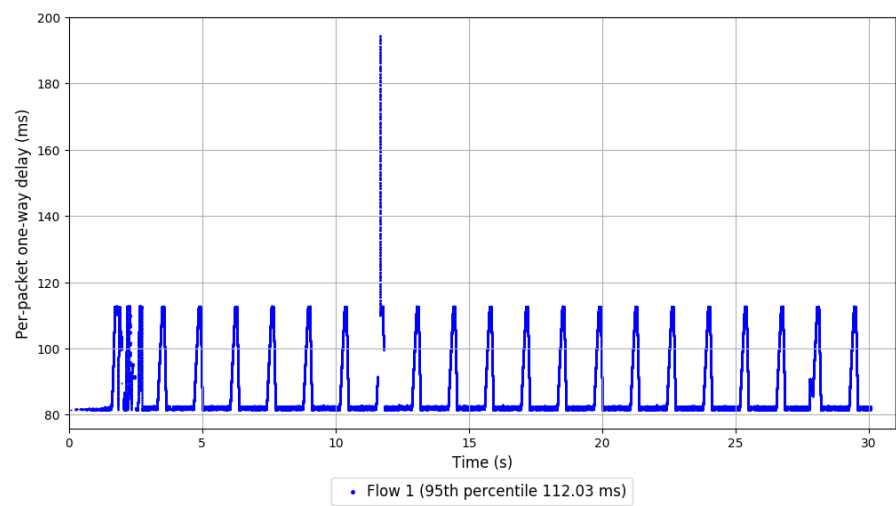
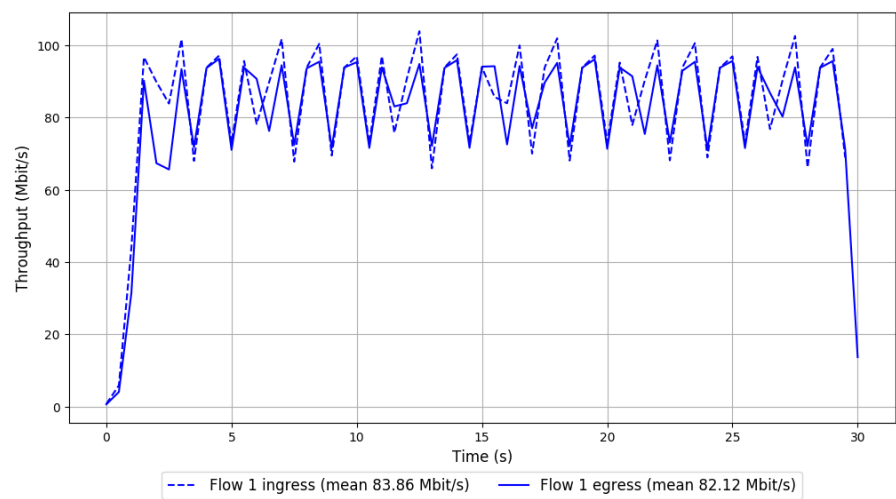
-- Flow 1:

Average throughput: 82.12 Mbit/s

95th percentile per-packet one-way delay: 112.029 ms

Loss rate: 2.07%

Run 5: Report of TCP BBR — Data Link

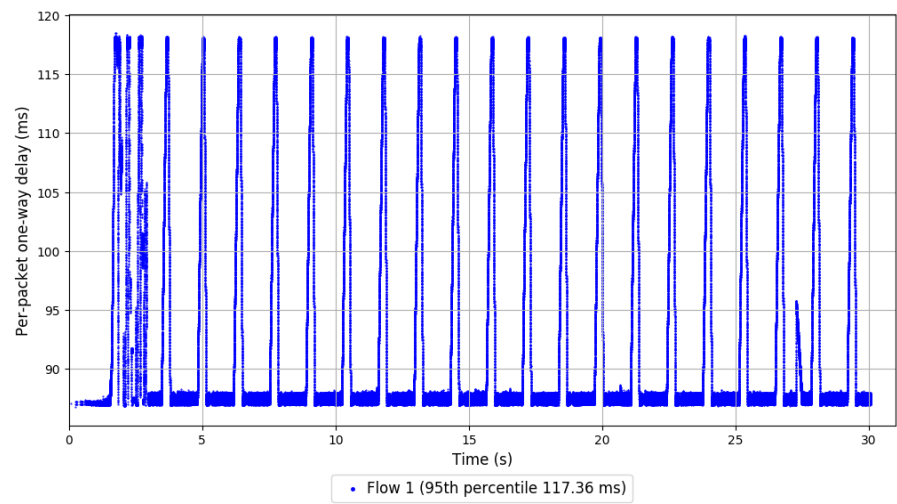
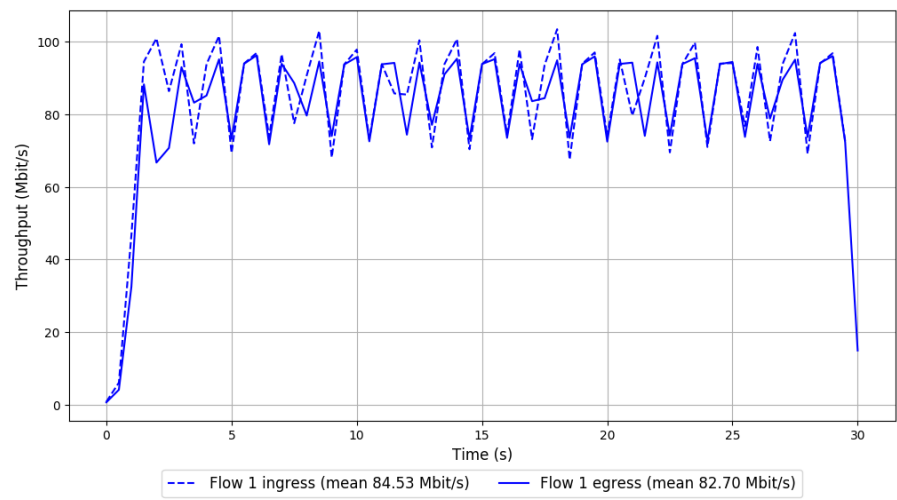


Run 6: Statistics of TCP BBR

Start at: 2018-02-27 16:49:33
End at: 2018-02-27 16:50:03
Local clock offset: -7.834 ms
Remote clock offset: -0.391 ms

Below is generated by plot.py at 2018-02-27 18:45:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 117.361 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 117.361 ms
Loss rate: 2.17%

Run 6: Report of TCP BBR — Data Link

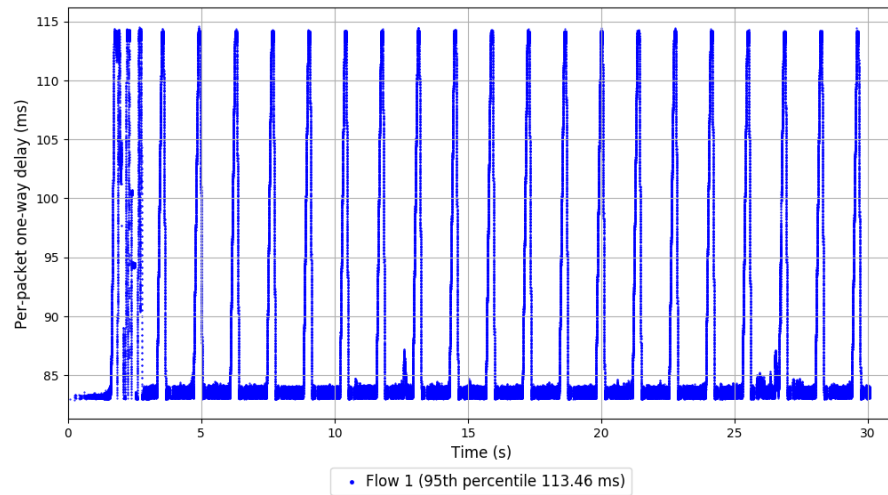
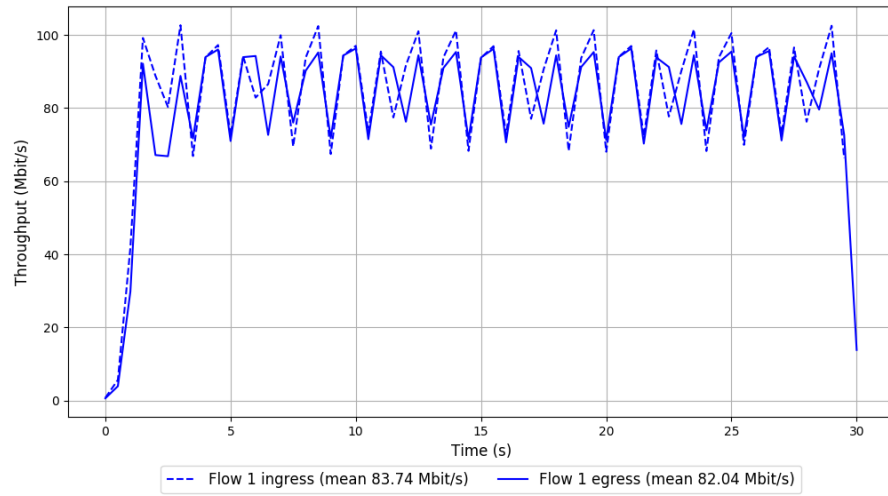


Run 7: Statistics of TCP BBR

Start at: 2018-02-27 17:11:35
End at: 2018-02-27 17:12:05
Local clock offset: -8.263 ms
Remote clock offset: -5.828 ms

Below is generated by plot.py at 2018-02-27 18:45:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.04 Mbit/s
95th percentile per-packet one-way delay: 113.461 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 82.04 Mbit/s
95th percentile per-packet one-way delay: 113.461 ms
Loss rate: 2.04%

Run 7: Report of TCP BBR — Data Link

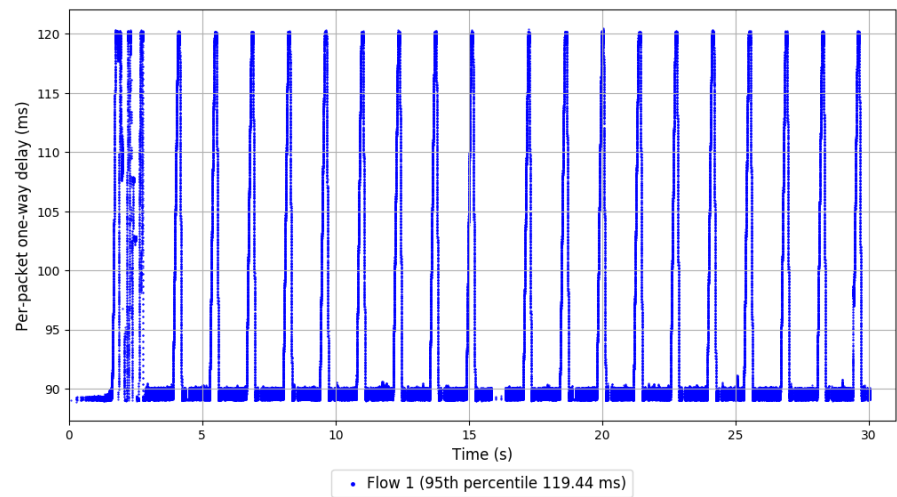
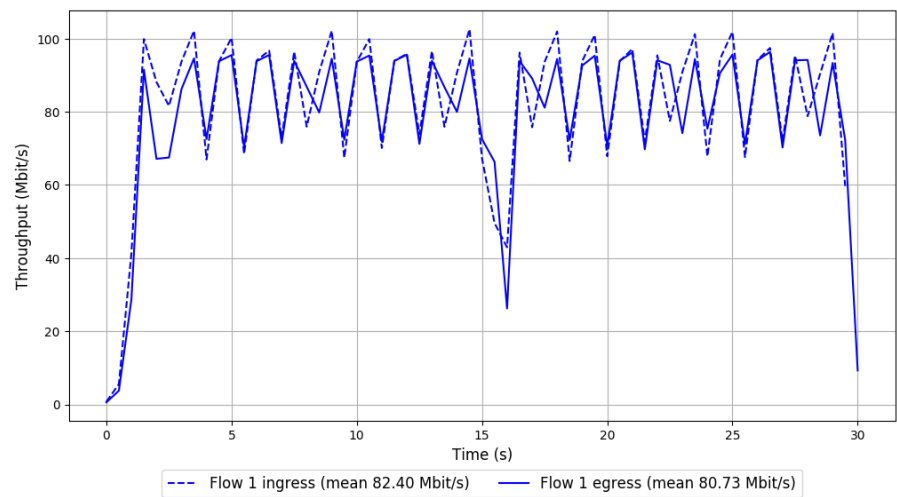


Run 8: Statistics of TCP BBR

Start at: 2018-02-27 17:33:39
End at: 2018-02-27 17:34:09
Local clock offset: -8.905 ms
Remote clock offset: -0.205 ms

Below is generated by plot.py at 2018-02-27 18:45:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.73 Mbit/s
95th percentile per-packet one-way delay: 119.435 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 80.73 Mbit/s
95th percentile per-packet one-way delay: 119.435 ms
Loss rate: 2.03%

Run 8: Report of TCP BBR — Data Link

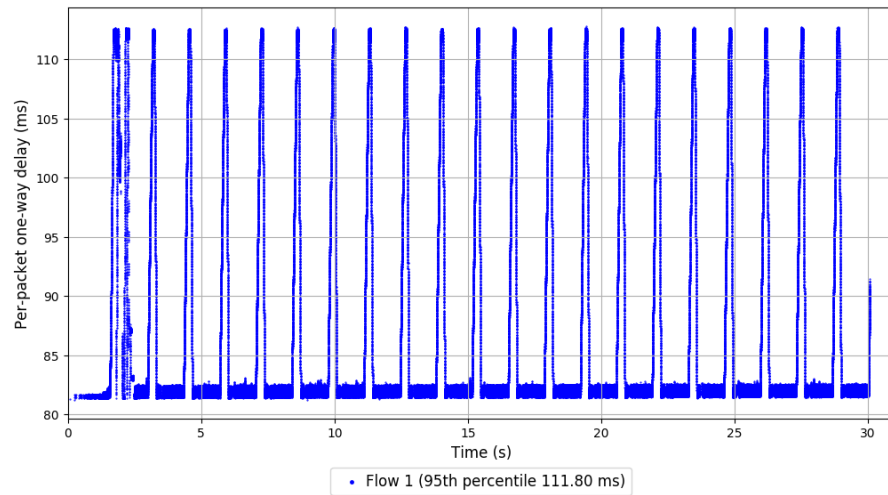
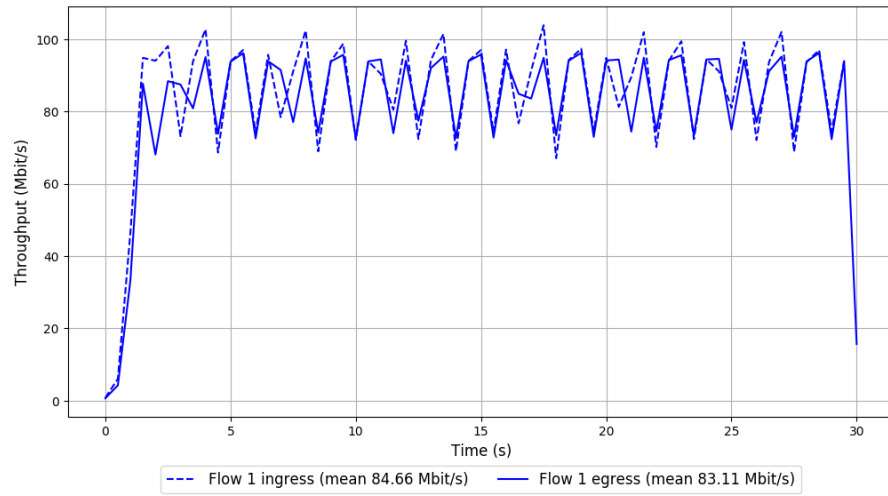


Run 9: Statistics of TCP BBR

Start at: 2018-02-27 17:55:49
End at: 2018-02-27 17:56:19
Local clock offset: -7.365 ms
Remote clock offset: -6.025 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.11 Mbit/s
95th percentile per-packet one-way delay: 111.801 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 83.11 Mbit/s
95th percentile per-packet one-way delay: 111.801 ms
Loss rate: 1.80%

Run 9: Report of TCP BBR — Data Link

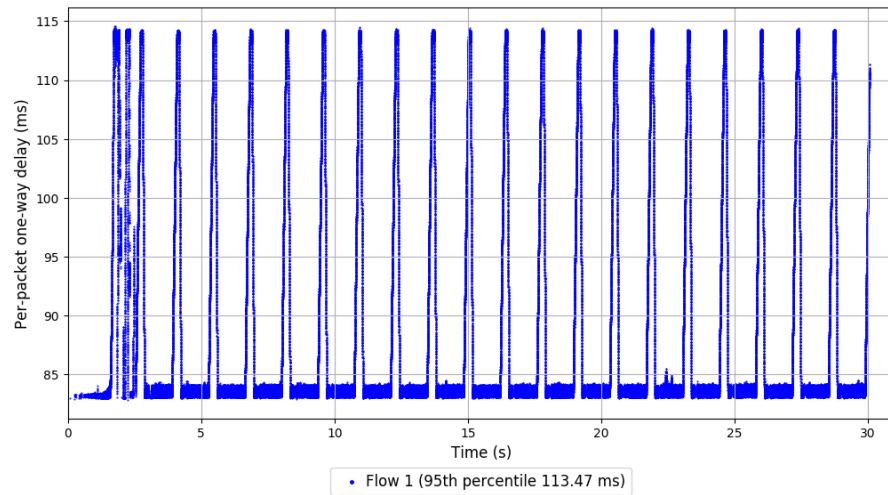
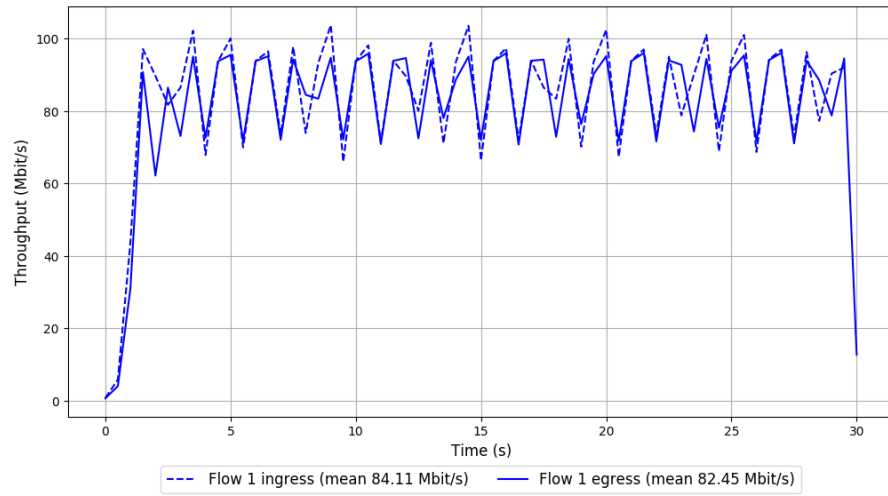


Run 10: Statistics of TCP BBR

Start at: 2018-02-27 18:18:09
End at: 2018-02-27 18:18:39
Local clock offset: -5.329 ms
Remote clock offset: -6.097 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.45 Mbit/s
95th percentile per-packet one-way delay: 113.469 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 82.45 Mbit/s
95th percentile per-packet one-way delay: 113.469 ms
Loss rate: 1.88%

Run 10: Report of TCP BBR — Data Link

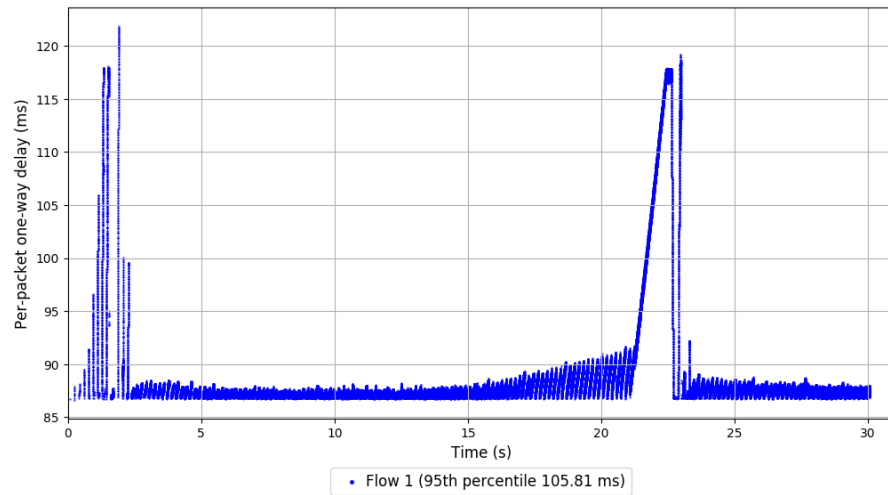
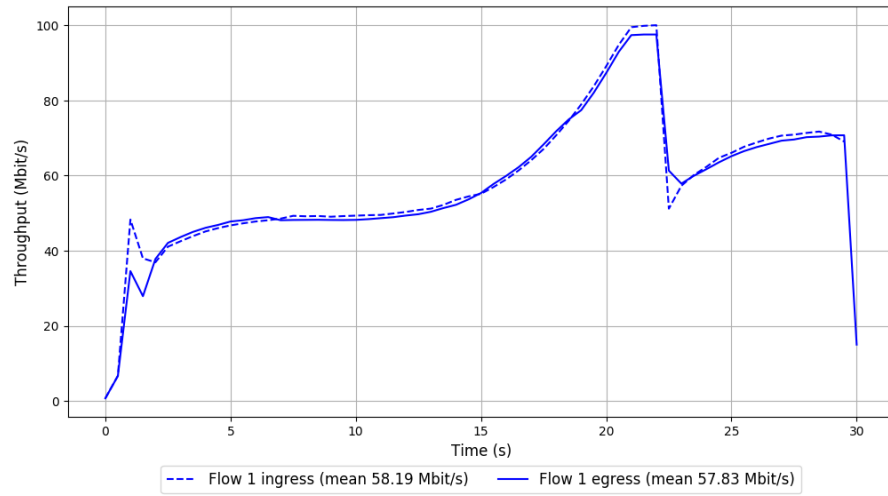


Run 1: Statistics of TCP Cubic

Start at: 2018-02-27 14:50:31
End at: 2018-02-27 14:51:01
Local clock offset: -5.197 ms
Remote clock offset: -0.311 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.83 Mbit/s
95th percentile per-packet one-way delay: 105.810 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 57.83 Mbit/s
95th percentile per-packet one-way delay: 105.810 ms
Loss rate: 0.62%

Run 1: Report of TCP Cubic — Data Link

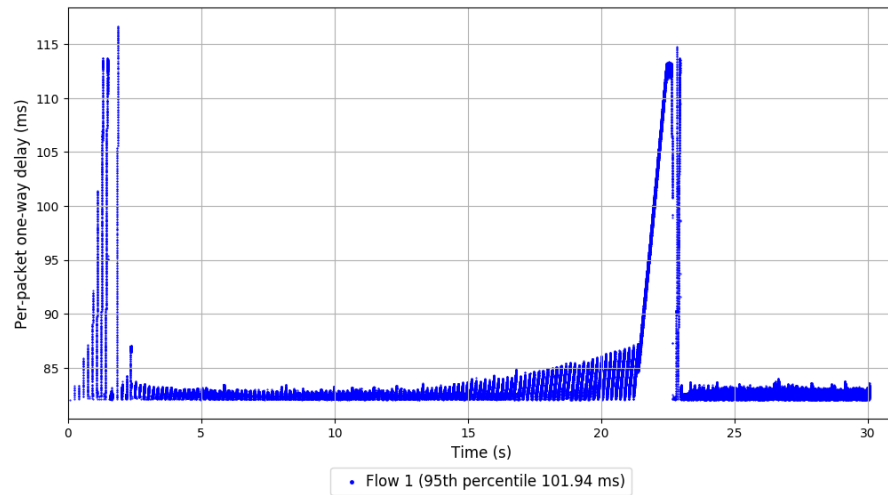
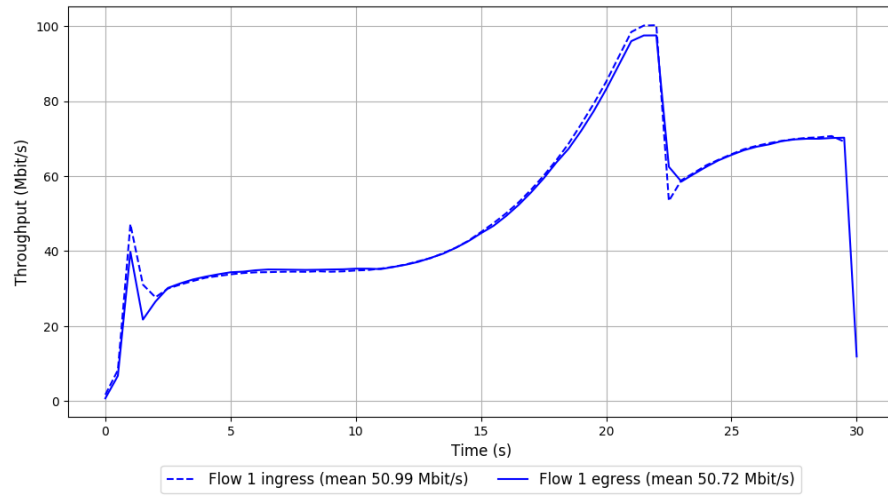


Run 2: Statistics of TCP Cubic

Start at: 2018-02-27 15:12:31
End at: 2018-02-27 15:13:01
Local clock offset: -5.303 ms
Remote clock offset: -4.929 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.72 Mbit/s
95th percentile per-packet one-way delay: 101.945 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 50.72 Mbit/s
95th percentile per-packet one-way delay: 101.945 ms
Loss rate: 0.54%

Run 2: Report of TCP Cubic — Data Link

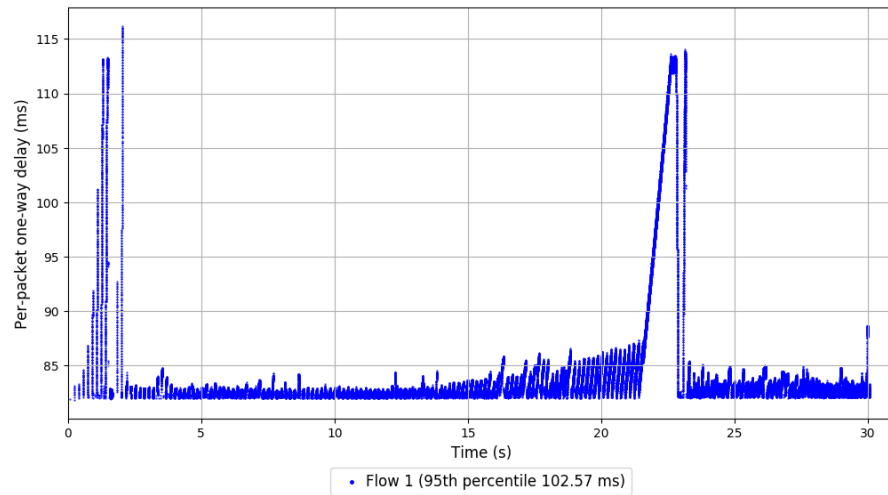
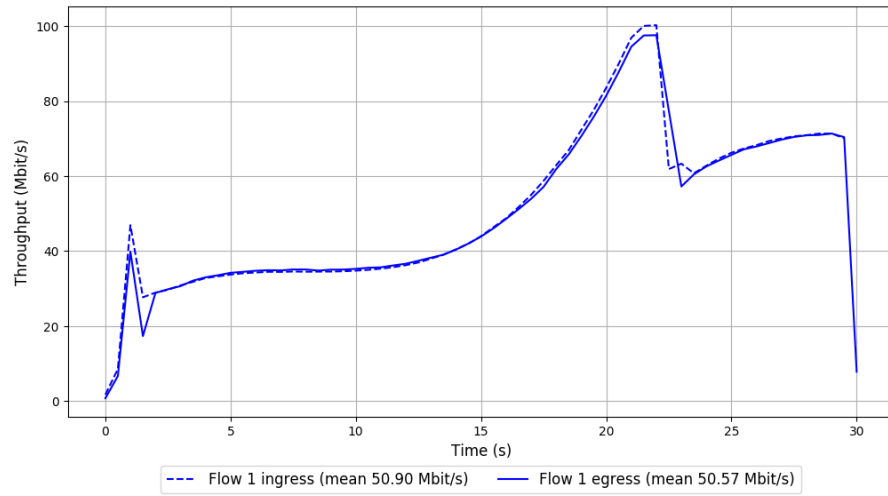


Run 3: Statistics of TCP Cubic

Start at: 2018-02-27 15:34:49
End at: 2018-02-27 15:35:19
Local clock offset: -4.803 ms
Remote clock offset: -4.594 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.57 Mbit/s
95th percentile per-packet one-way delay: 102.567 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 50.57 Mbit/s
95th percentile per-packet one-way delay: 102.567 ms
Loss rate: 0.64%

Run 3: Report of TCP Cubic — Data Link

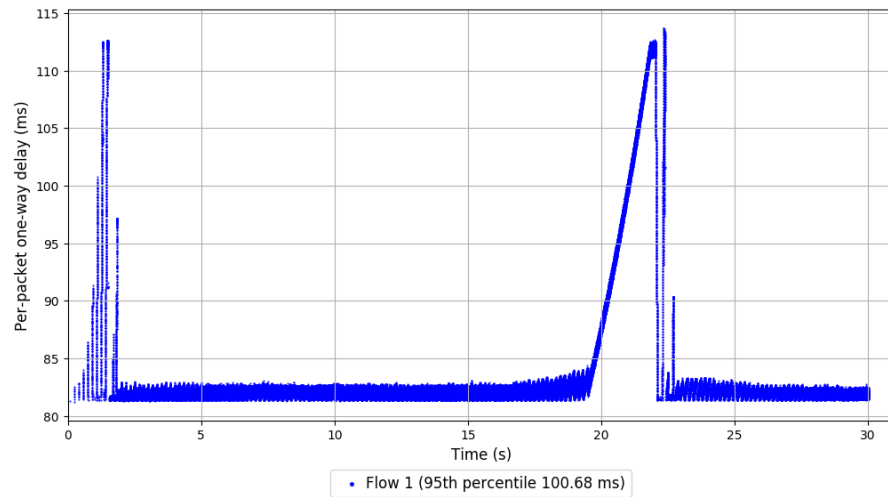
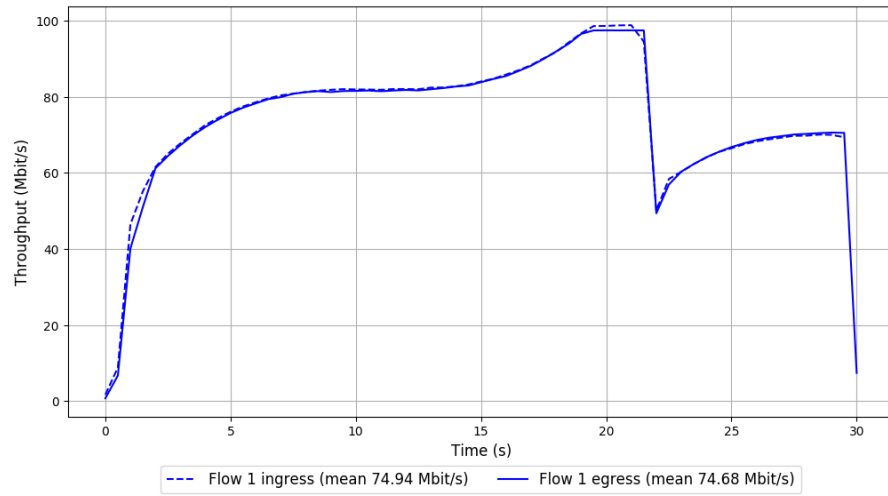


Run 4: Statistics of TCP Cubic

Start at: 2018-02-27 15:57:29
End at: 2018-02-27 15:58:00
Local clock offset: -3.133 ms
Remote clock offset: -5.824 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.68 Mbit/s
95th percentile per-packet one-way delay: 100.679 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 74.68 Mbit/s
95th percentile per-packet one-way delay: 100.679 ms
Loss rate: 0.34%

Run 4: Report of TCP Cubic — Data Link

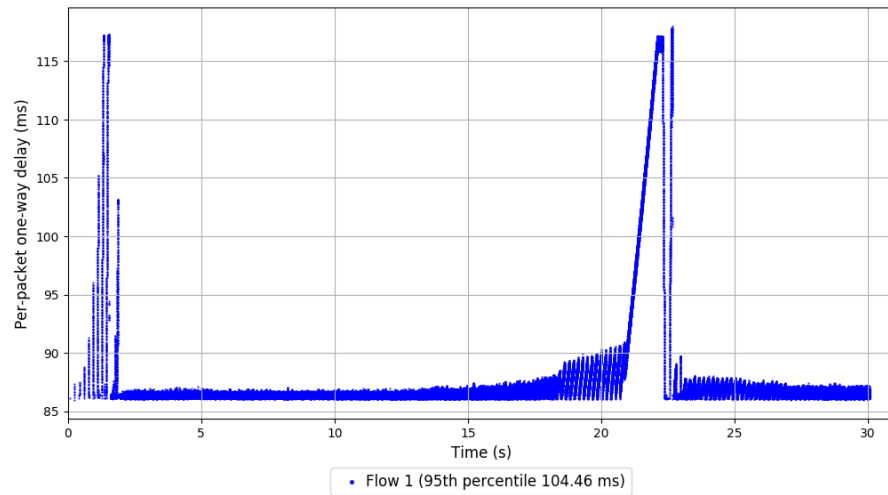
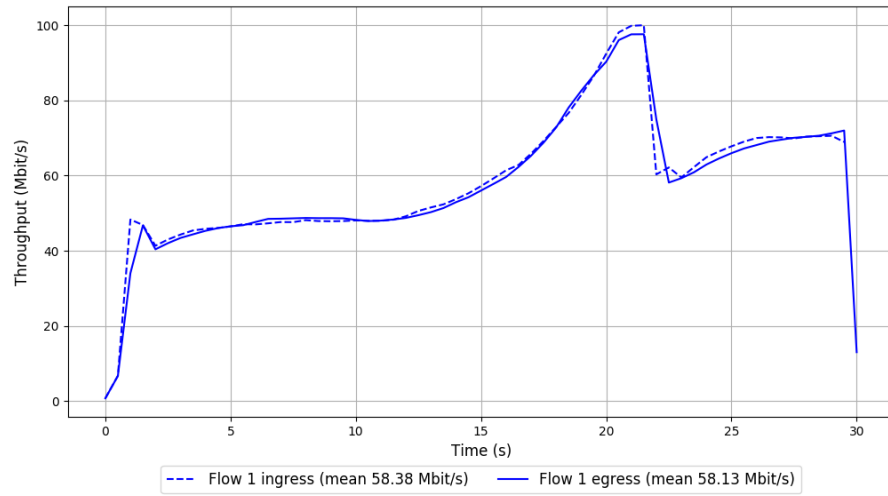


Run 5: Statistics of TCP Cubic

Start at: 2018-02-27 16:19:52
End at: 2018-02-27 16:20:22
Local clock offset: -6.328 ms
Remote clock offset: -1.109 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 104.461 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 104.461 ms
Loss rate: 0.44%

Run 5: Report of TCP Cubic — Data Link

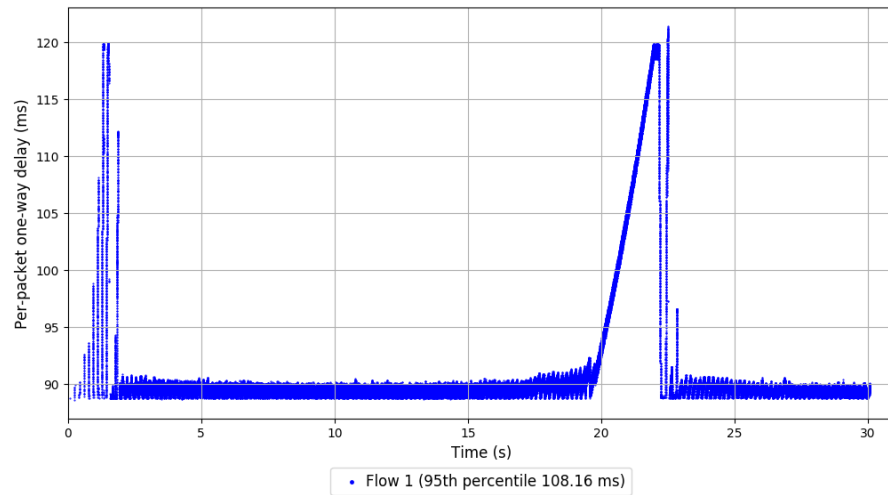
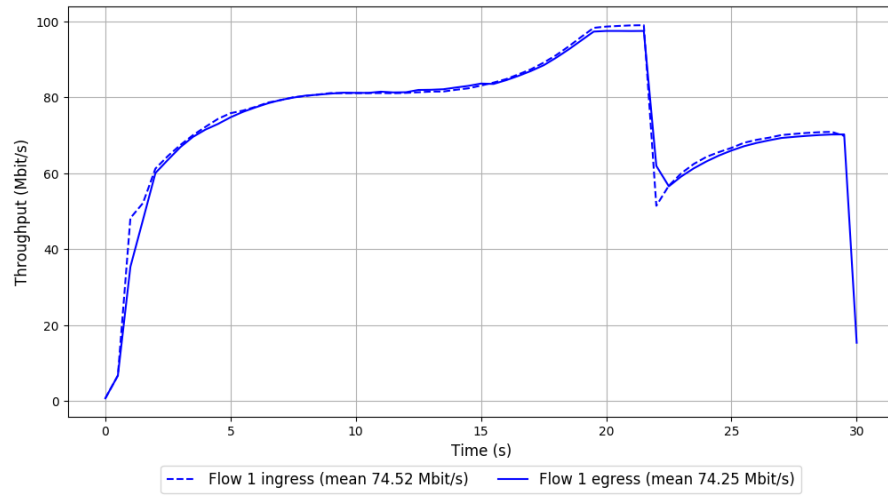


Run 6: Statistics of TCP Cubic

Start at: 2018-02-27 16:42:08
End at: 2018-02-27 16:42:39
Local clock offset: -7.99 ms
Remote clock offset: -0.279 ms

Below is generated by plot.py at 2018-02-27 18:46:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 108.164 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 74.25 Mbit/s
95th percentile per-packet one-way delay: 108.164 ms
Loss rate: 0.36%

Run 6: Report of TCP Cubic — Data Link

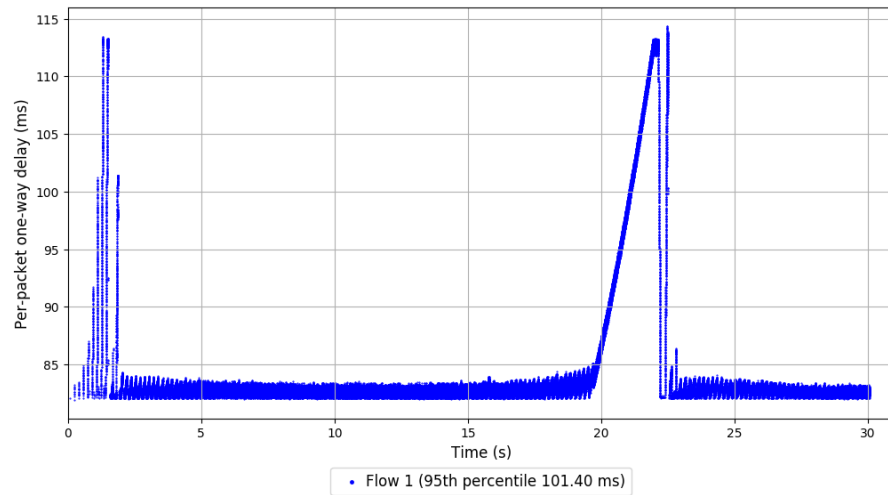
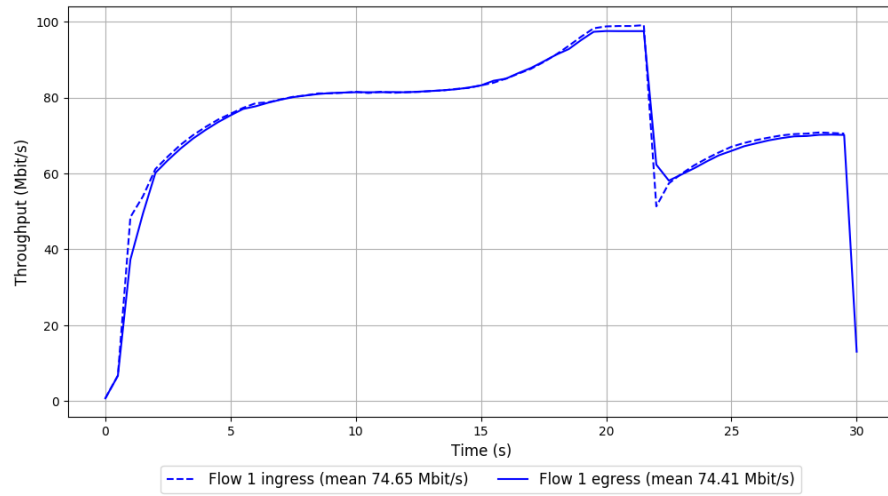


Run 7: Statistics of TCP Cubic

Start at: 2018-02-27 17:04:10
End at: 2018-02-27 17:04:40
Local clock offset: -8.067 ms
Remote clock offset: -5.041 ms

Below is generated by plot.py at 2018-02-27 18:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 101.401 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 101.401 ms
Loss rate: 0.32%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-02-27 17:26:12

End at: 2018-02-27 17:26:42

Local clock offset: -8.676 ms

Remote clock offset: -5.92 ms

Below is generated by plot.py at 2018-02-27 18:47:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.71 Mbit/s

95th percentile per-packet one-way delay: 100.389 ms

Loss rate: 0.64%

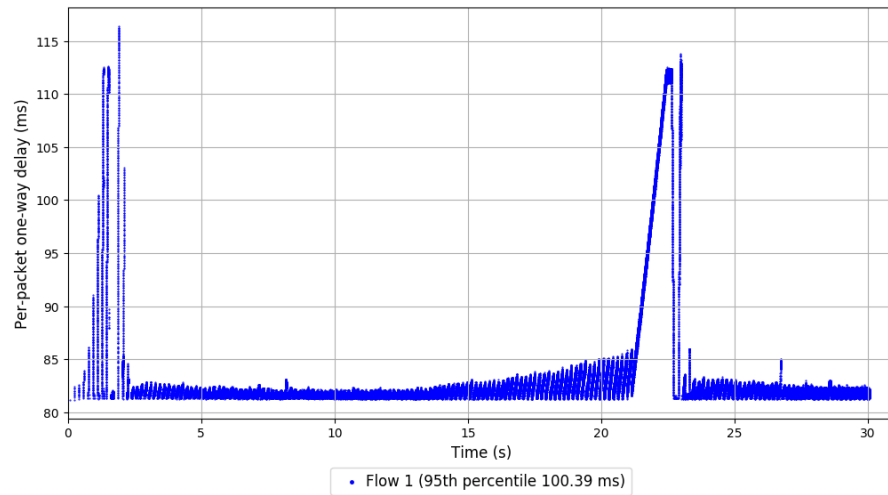
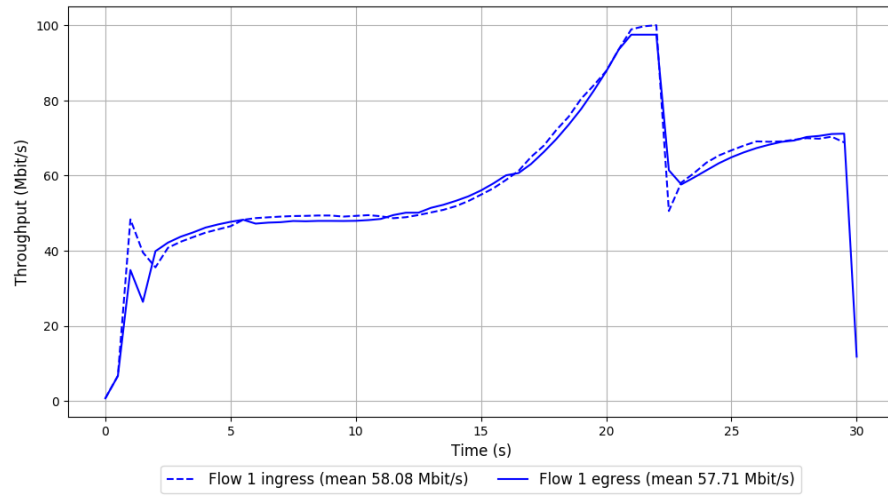
-- Flow 1:

Average throughput: 57.71 Mbit/s

95th percentile per-packet one-way delay: 100.389 ms

Loss rate: 0.64%

Run 8: Report of TCP Cubic — Data Link

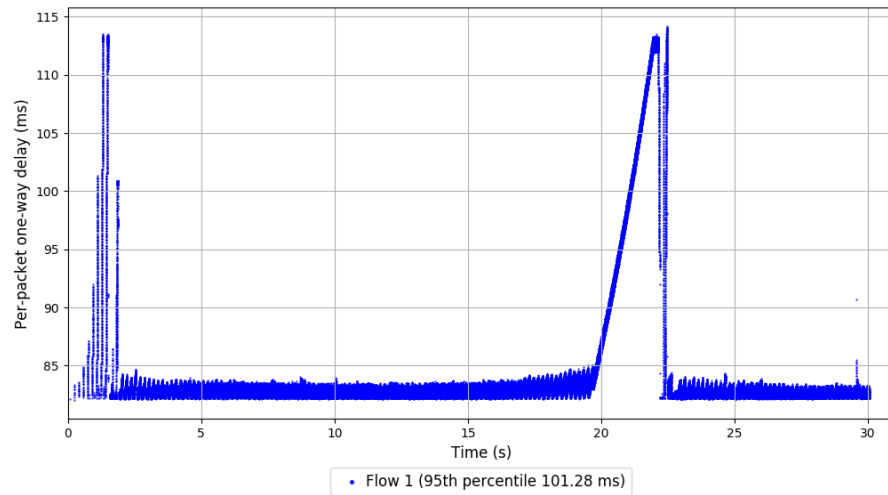
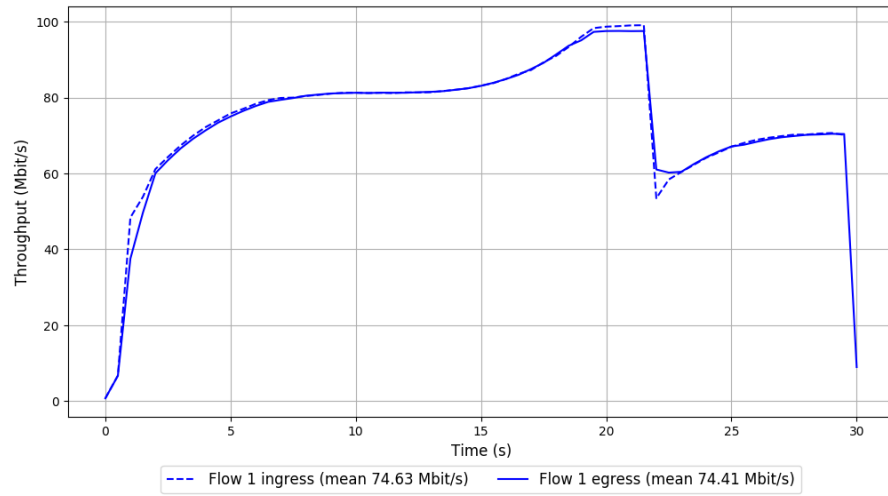


Run 9: Statistics of TCP Cubic

Start at: 2018-02-27 17:48:19
End at: 2018-02-27 17:48:49
Local clock offset: -9.422 ms
Remote clock offset: -5.109 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 101.281 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 74.41 Mbit/s
95th percentile per-packet one-way delay: 101.281 ms
Loss rate: 0.29%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-27 18:10:32

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

Local clock offset: -5.653 ms

Remote clock offset: -1.28 ms

Below is generated by plot.py at 2018-02-27 18:47:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.85 Mbit/s

95th percentile per-packet one-way delay: 109.054 ms

Loss rate: 0.71%

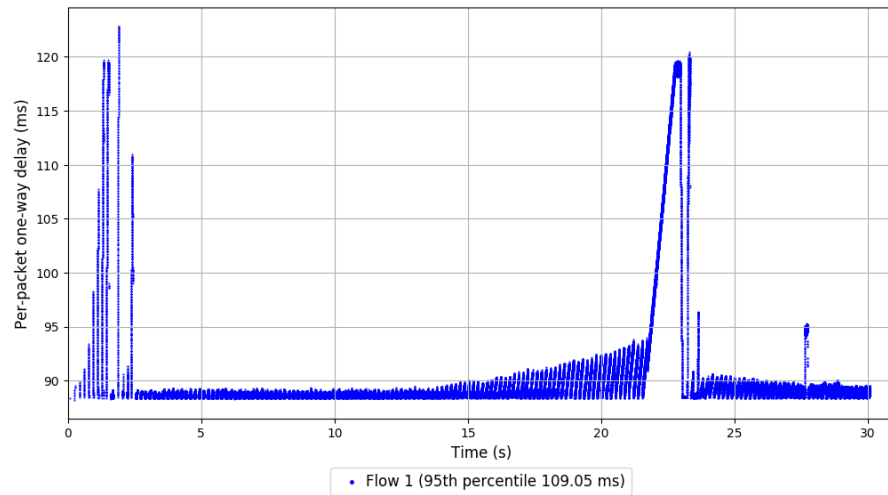
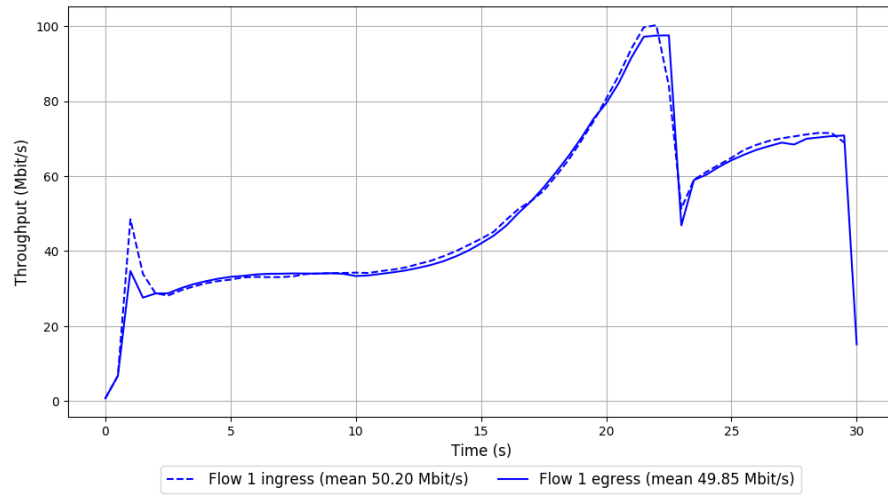
-- Flow 1:

Average throughput: 49.85 Mbit/s

95th percentile per-packet one-way delay: 109.054 ms

Loss rate: 0.71%

Run 10: Report of TCP Cubic — Data Link

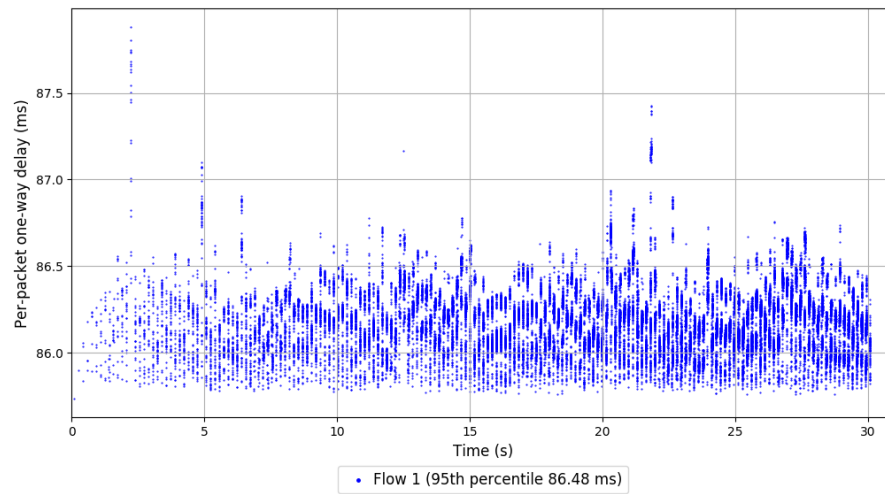
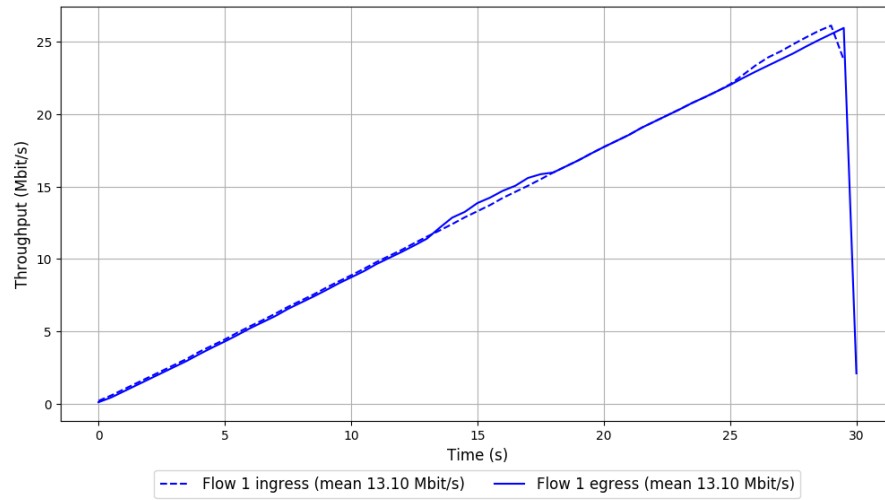


Run 1: Statistics of LEDBAT

Start at: 2018-02-27 14:38:25
End at: 2018-02-27 14:38:55
Local clock offset: -5.347 ms
Remote clock offset: -1.297 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 86.480 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 86.480 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

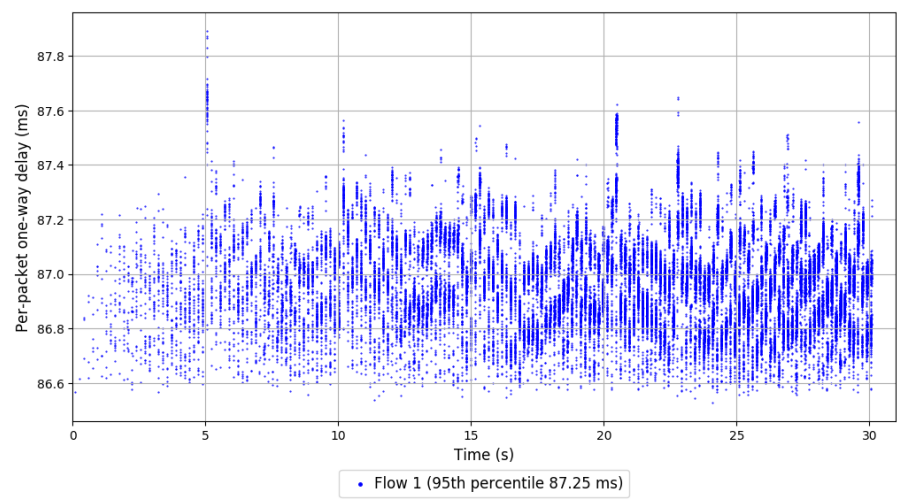
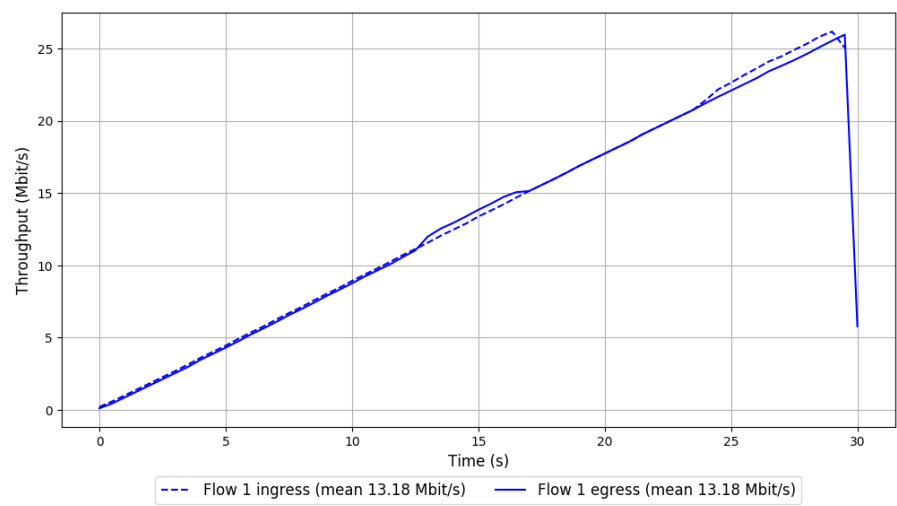


Run 2: Statistics of LEDBAT

Start at: 2018-02-27 15:00:22
End at: 2018-02-27 15:00:52
Local clock offset: -5.141 ms
Remote clock offset: -0.374 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 87.250 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.18 Mbit/s
95th percentile per-packet one-way delay: 87.250 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-02-27 15:22:22

End at: 2018-02-27 15:22:52

Local clock offset: -5.217 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-02-27 18:47:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.47 Mbit/s

95th percentile per-packet one-way delay: 89.287 ms

Loss rate: 0.00%

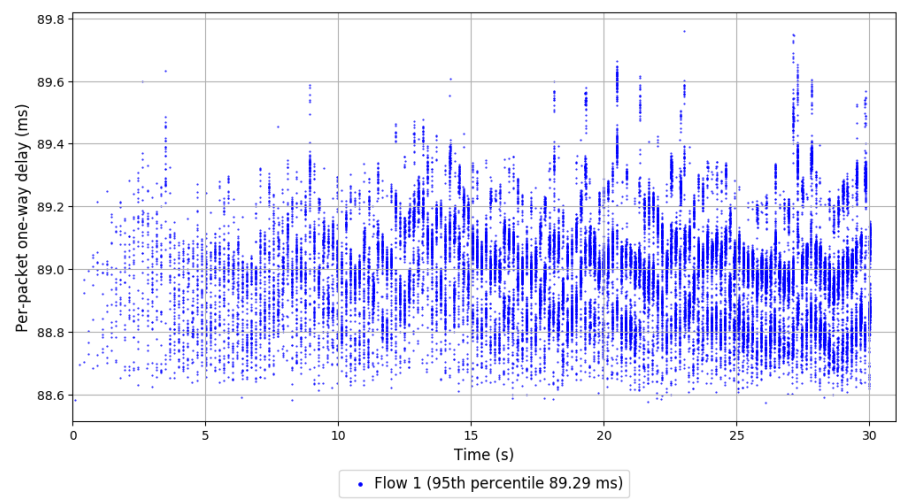
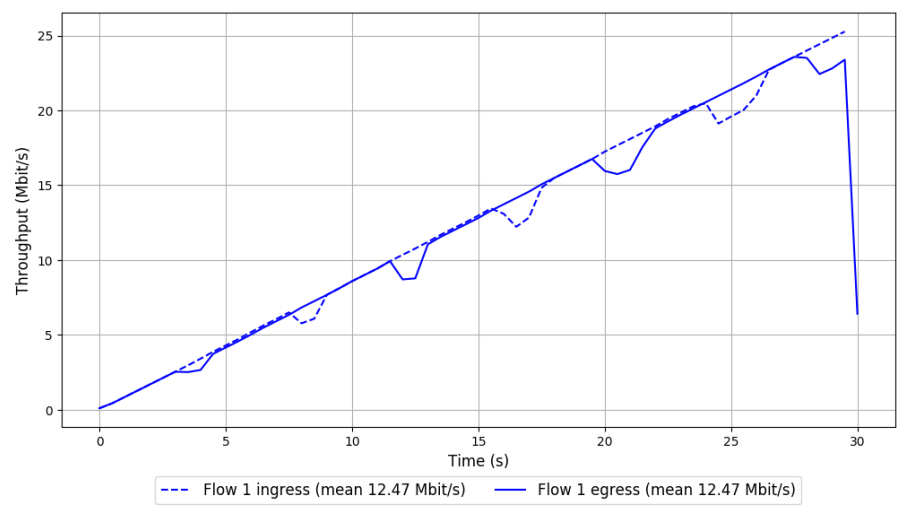
-- Flow 1:

Average throughput: 12.47 Mbit/s

95th percentile per-packet one-way delay: 89.287 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

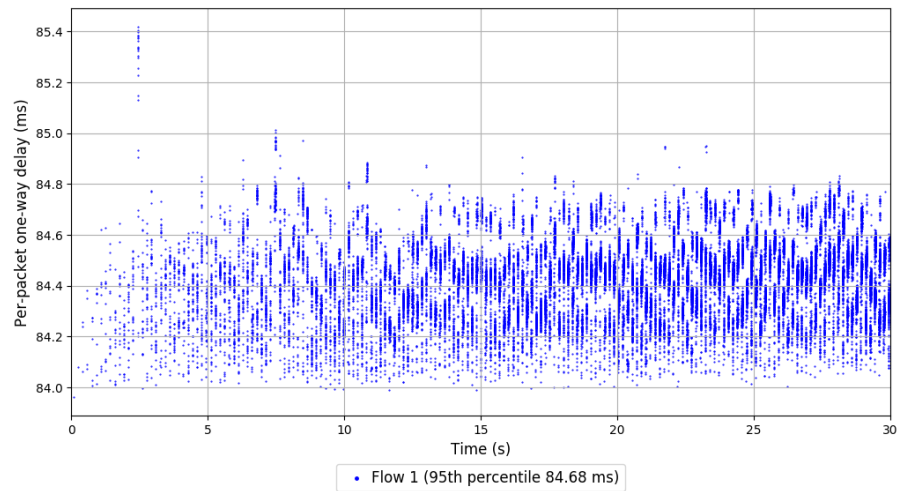
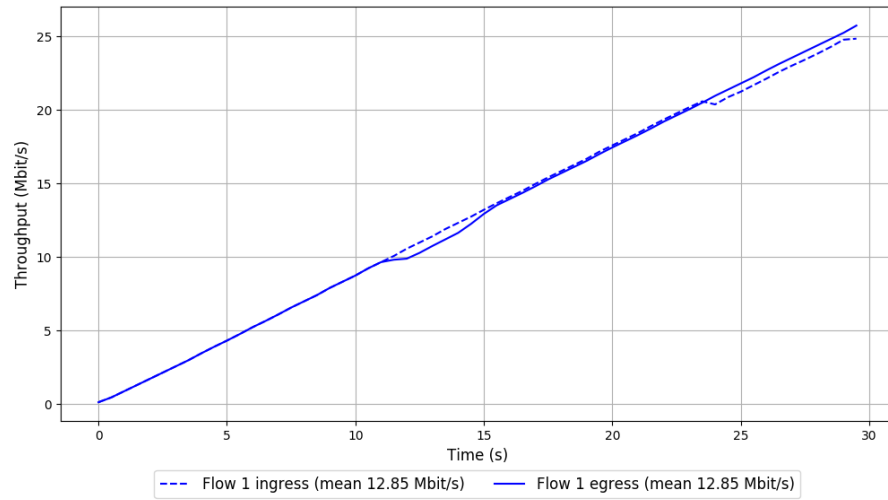


Run 4: Statistics of LEDBAT

Start at: 2018-02-27 15:44:40
End at: 2018-02-27 15:45:10
Local clock offset: -3.733 ms
Remote clock offset: -4.678 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 84.684 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.85 Mbit/s
95th percentile per-packet one-way delay: 84.684 ms
Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-02-27 16:07:23

End at: 2018-02-27 16:07:53

Local clock offset: -2.983 ms

Remote clock offset: -5.91 ms

Below is generated by plot.py at 2018-02-27 18:47:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.19 Mbit/s

95th percentile per-packet one-way delay: 81.555 ms

Loss rate: 0.00%

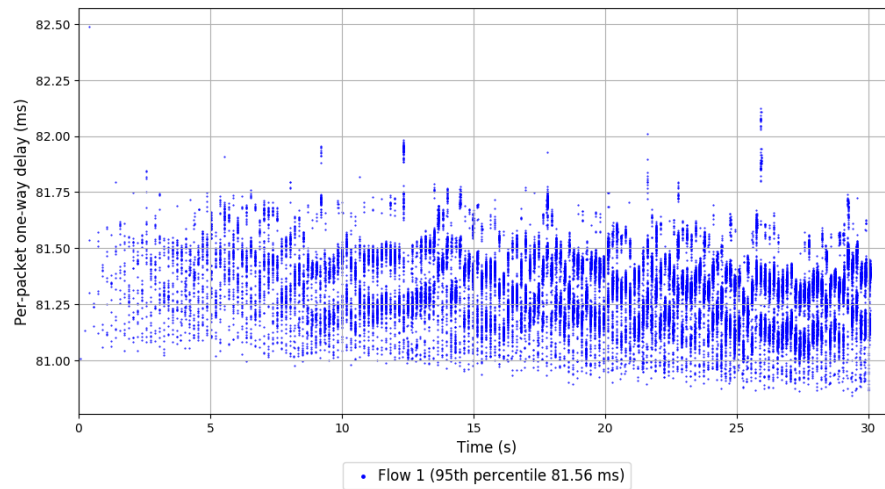
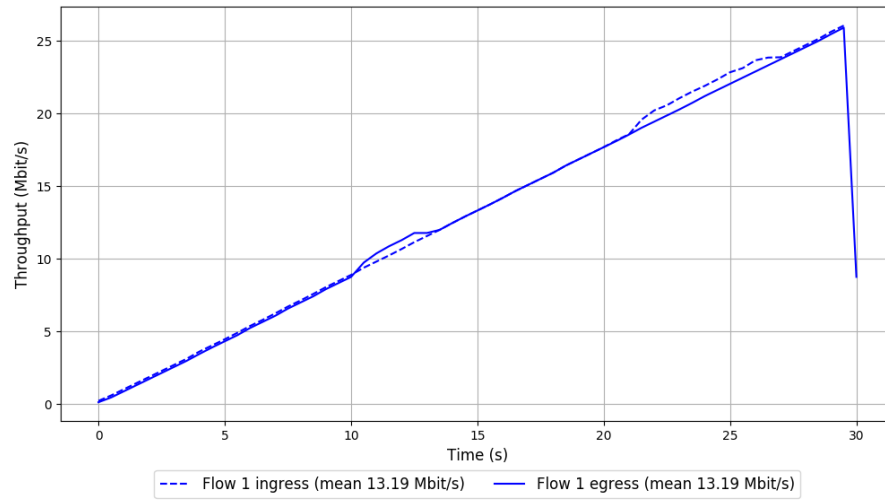
-- Flow 1:

Average throughput: 13.19 Mbit/s

95th percentile per-packet one-way delay: 81.555 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-27 16:29:43

End at: 2018-02-27 16:30:13

Local clock offset: -7.325 ms

Remote clock offset: 0.738 ms

Below is generated by plot.py at 2018-02-27 18:47:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.07 Mbit/s

95th percentile per-packet one-way delay: 88.742 ms

Loss rate: 0.00%

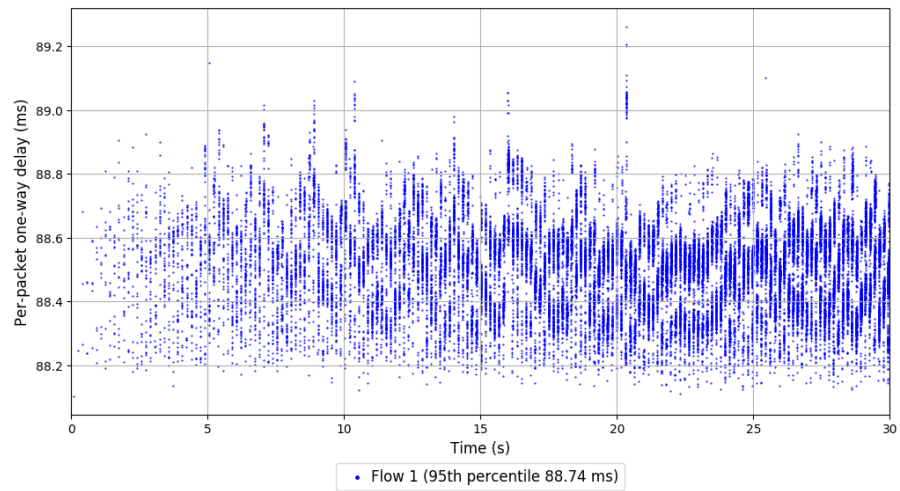
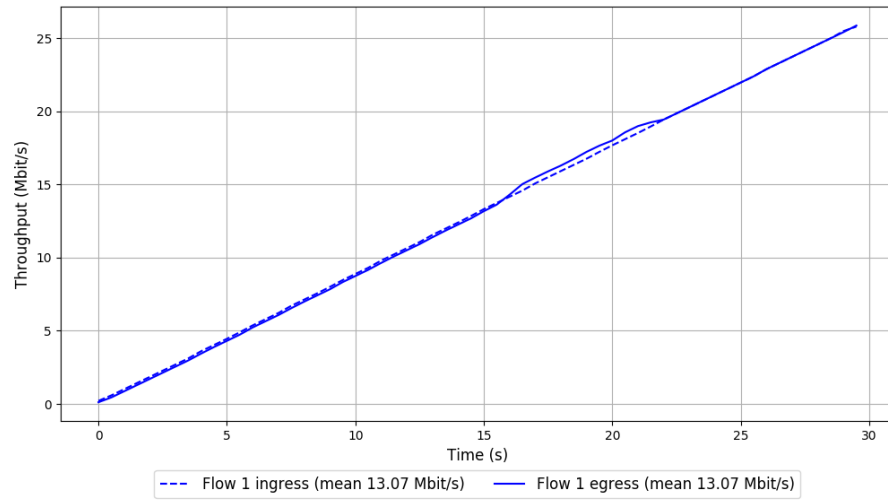
-- Flow 1:

Average throughput: 13.07 Mbit/s

95th percentile per-packet one-way delay: 88.742 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

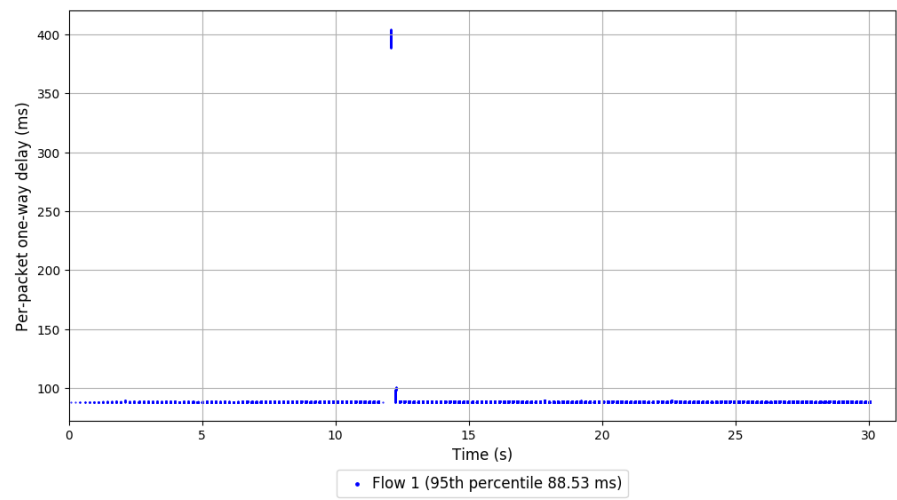
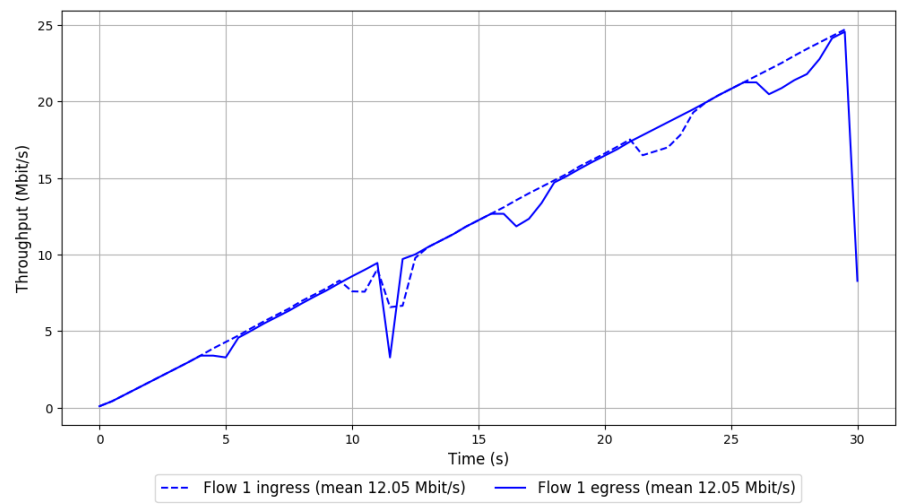


Run 7: Statistics of LEDBAT

Start at: 2018-02-27 16:52:01
End at: 2018-02-27 16:52:31
Local clock offset: -7.755 ms
Remote clock offset: -1.082 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 88.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.05 Mbit/s
95th percentile per-packet one-way delay: 88.531 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

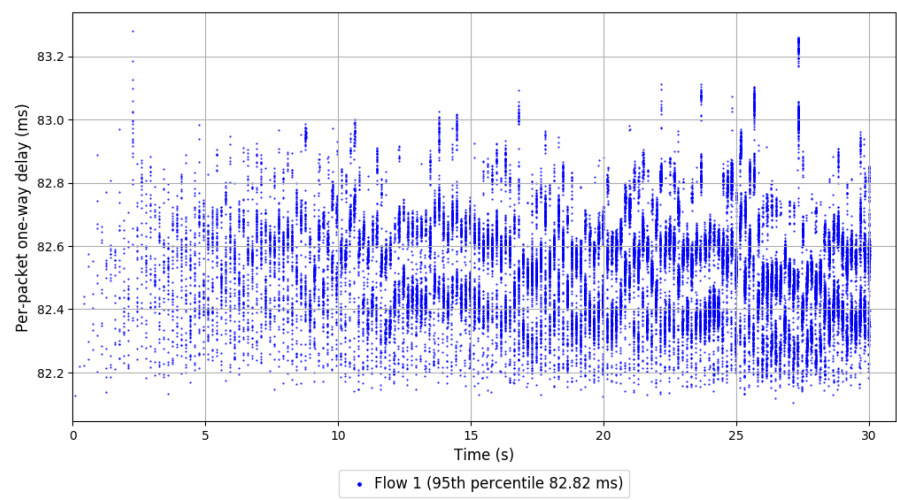
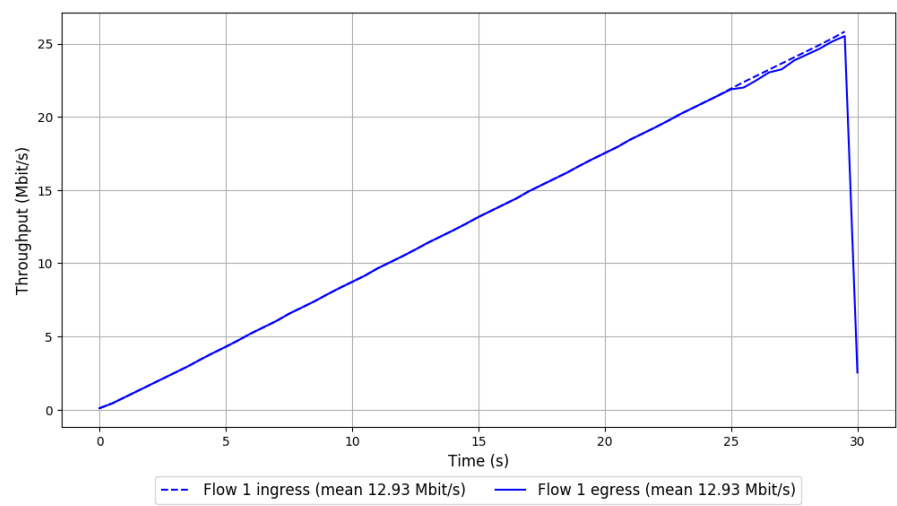


Run 8: Statistics of LEDBAT

Start at: 2018-02-27 17:14:03
End at: 2018-02-27 17:14:33
Local clock offset: -8.423 ms
Remote clock offset: -5.035 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 82.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 82.816 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

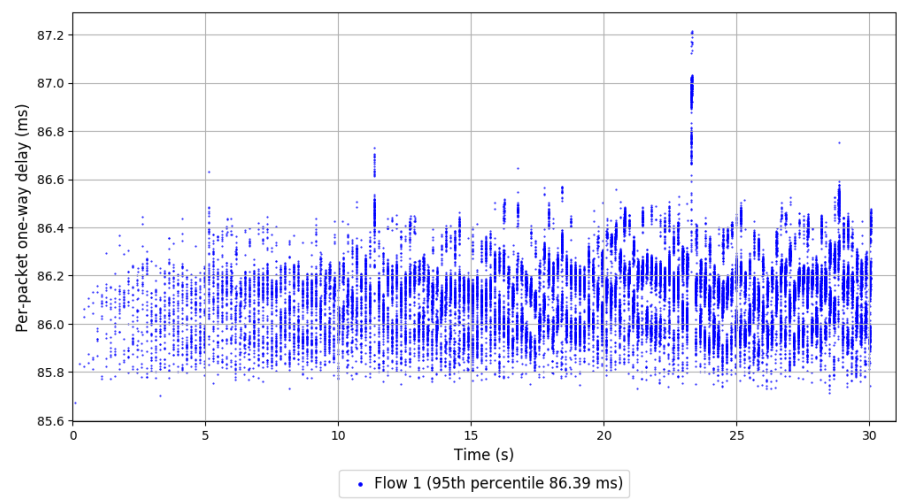
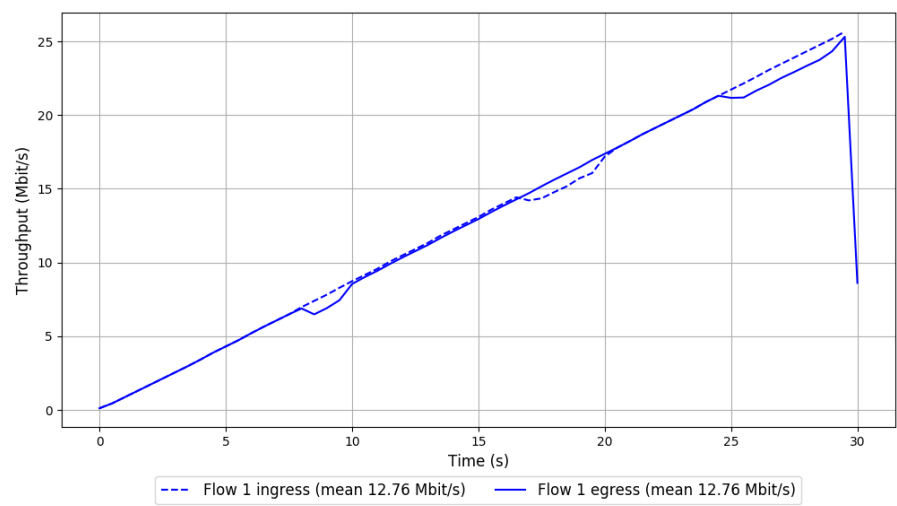


Run 9: Statistics of LEDBAT

Start at: 2018-02-27 17:36:06
End at: 2018-02-27 17:36:36
Local clock offset: -8.99 ms
Remote clock offset: -1.127 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 86.394 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.76 Mbit/s
95th percentile per-packet one-way delay: 86.394 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

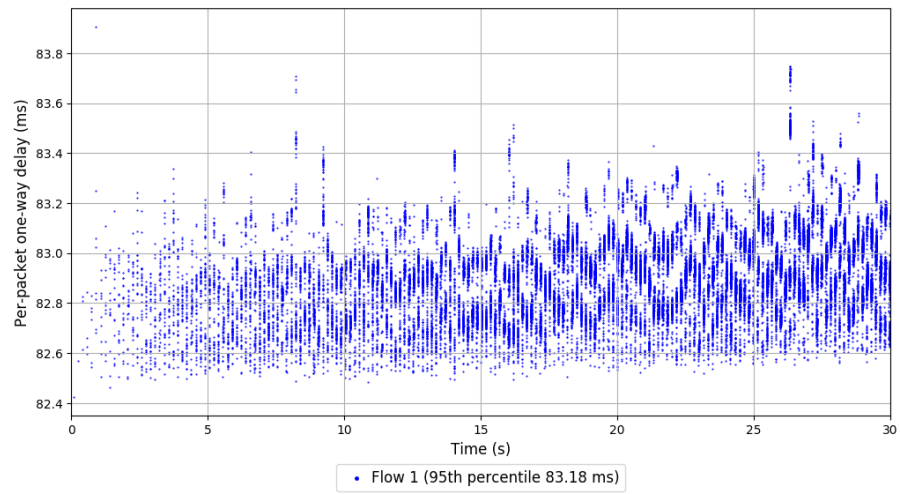
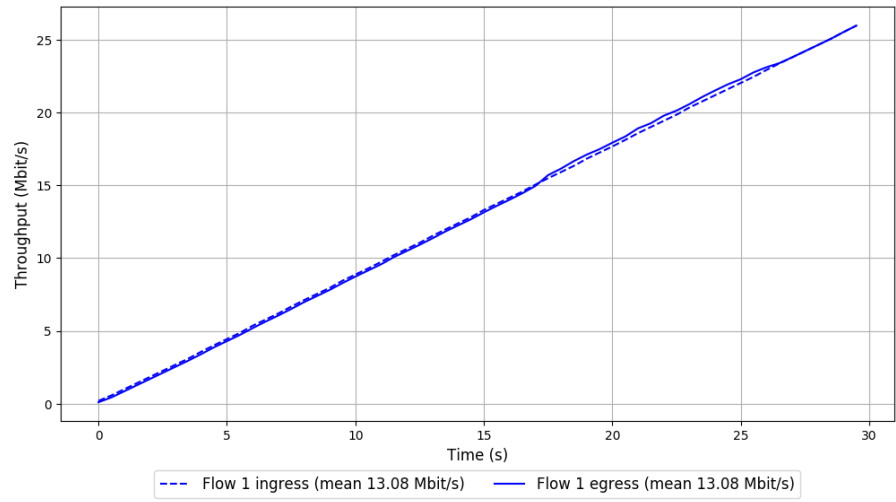


Run 10: Statistics of LEDBAT

Start at: 2018-02-27 17:58:16
End at: 2018-02-27 17:58:46
Local clock offset: -6.852 ms
Remote clock offset: -5.195 ms

Below is generated by plot.py at 2018-02-27 18:47:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 83.184 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 83.184 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

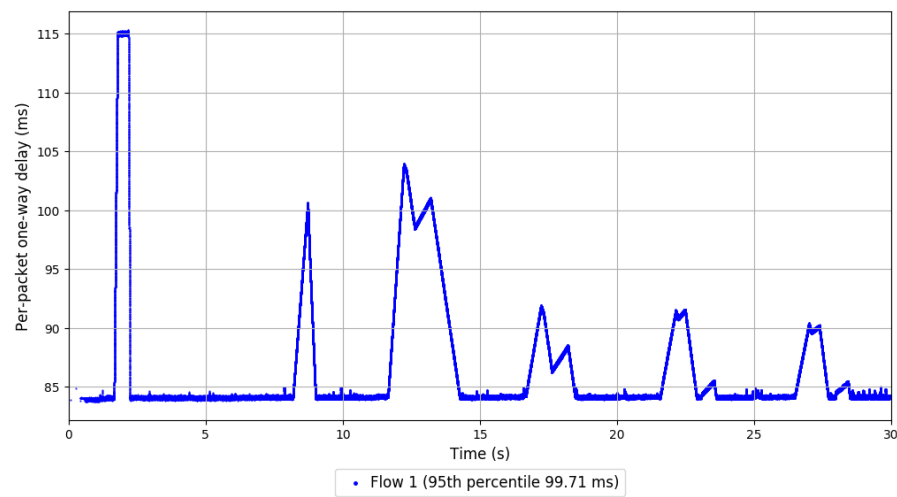
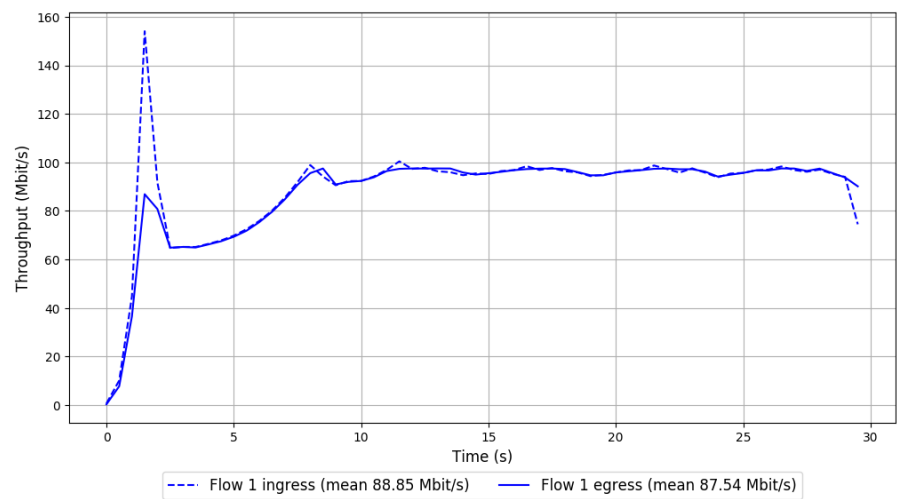


Run 1: Statistics of PCC

Start at: 2018-02-27 14:51:44
End at: 2018-02-27 14:52:14
Local clock offset: -5.198 ms
Remote clock offset: -5.134 ms

Below is generated by plot.py at 2018-02-27 18:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 99.712 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 99.712 ms
Loss rate: 1.48%

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-02-27 15:13:43

End at: 2018-02-27 15:14:13

Local clock offset: -5.281 ms

Remote clock offset: 0.882 ms

Below is generated by plot.py at 2018-02-27 18:48:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.13 Mbit/s

95th percentile per-packet one-way delay: 94.596 ms

Loss rate: 1.41%

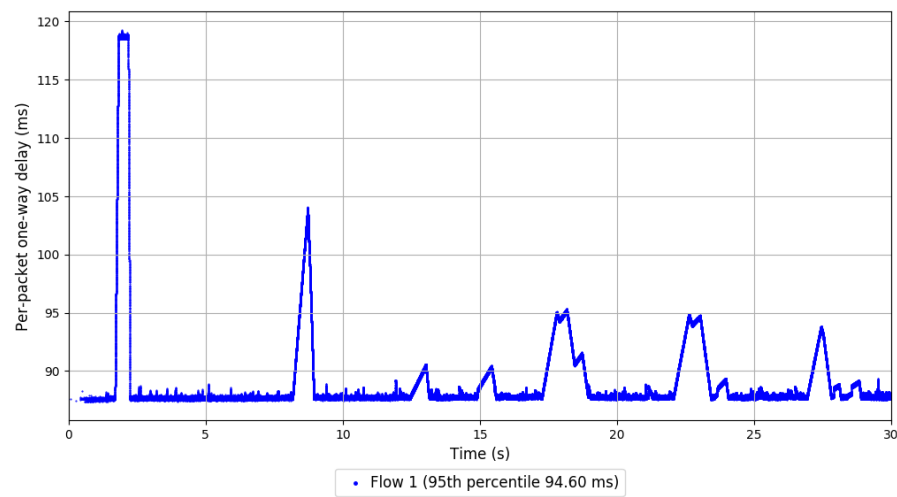
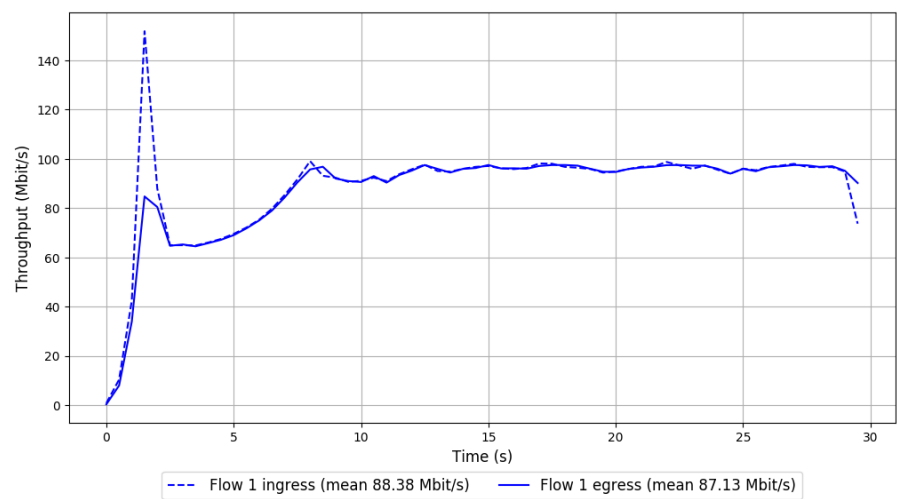
-- Flow 1:

Average throughput: 87.13 Mbit/s

95th percentile per-packet one-way delay: 94.596 ms

Loss rate: 1.41%

Run 2: Report of PCC — Data Link

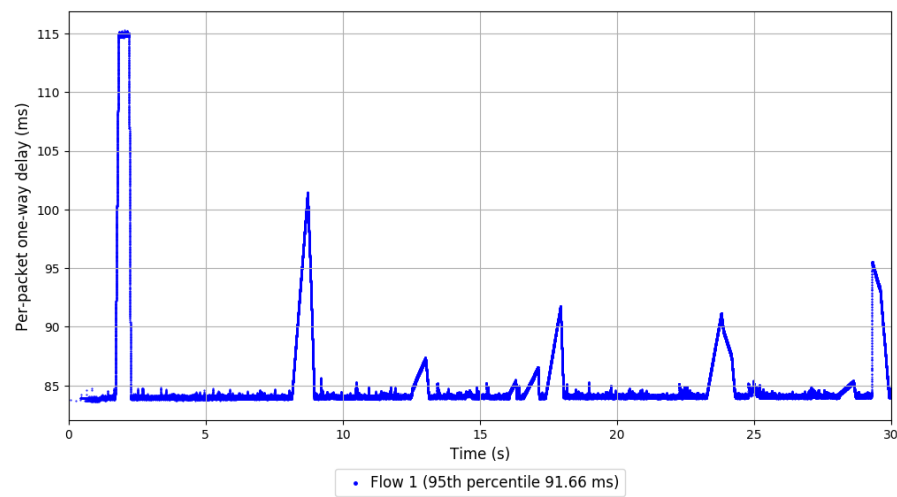
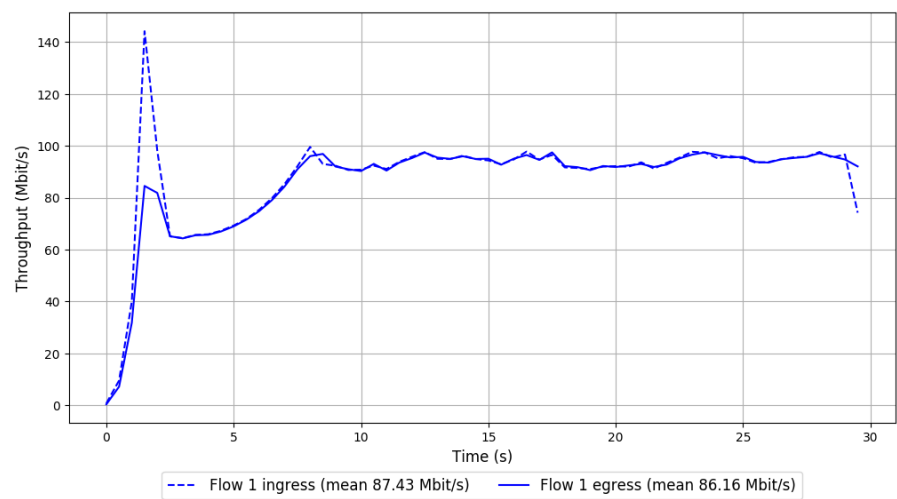


Run 3: Statistics of PCC

Start at: 2018-02-27 15:36:01
End at: 2018-02-27 15:36:31
Local clock offset: -4.592 ms
Remote clock offset: -4.671 ms

Below is generated by plot.py at 2018-02-27 18:48:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 91.656 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 91.656 ms
Loss rate: 1.46%

Run 3: Report of PCC — Data Link

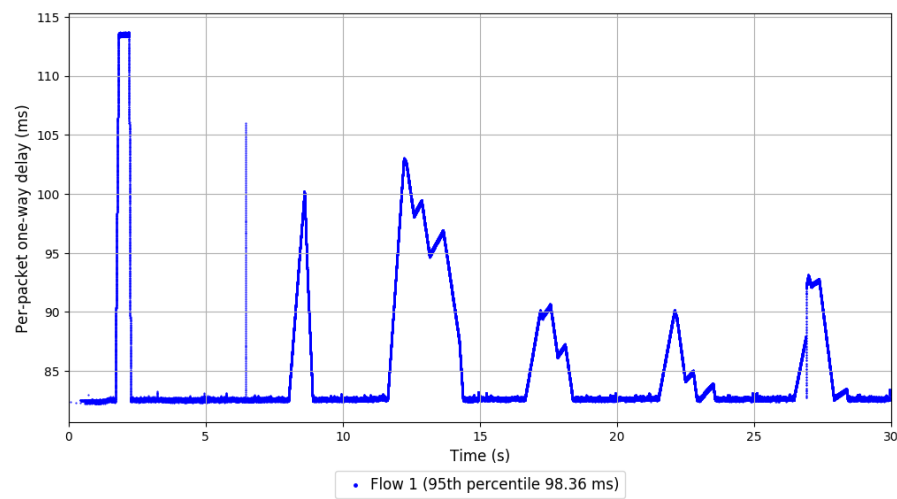
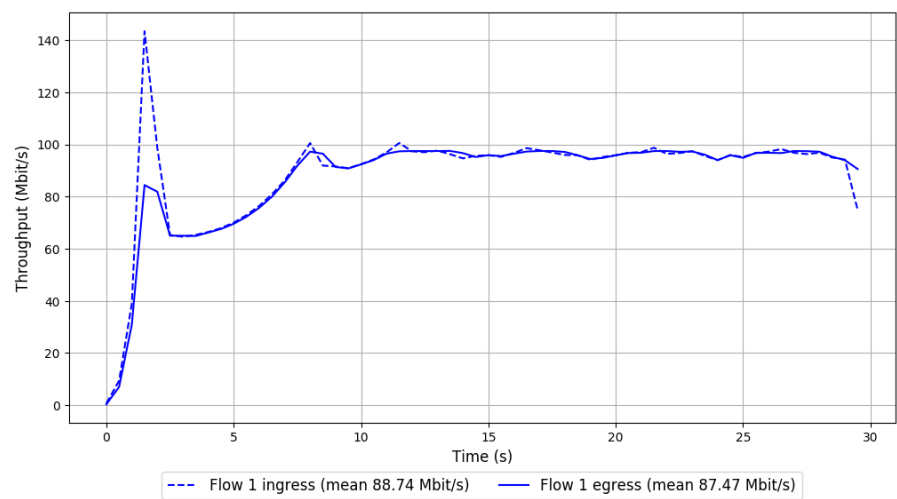


Run 4: Statistics of PCC

Start at: 2018-02-27 15:58:43
End at: 2018-02-27 15:59:13
Local clock offset: -3.034 ms
Remote clock offset: -5.015 ms

Below is generated by plot.py at 2018-02-27 18:48:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 98.362 ms
Loss rate: 1.43%
-- Flow 1:
Average throughput: 87.47 Mbit/s
95th percentile per-packet one-way delay: 98.362 ms
Loss rate: 1.43%

Run 4: Report of PCC — Data Link

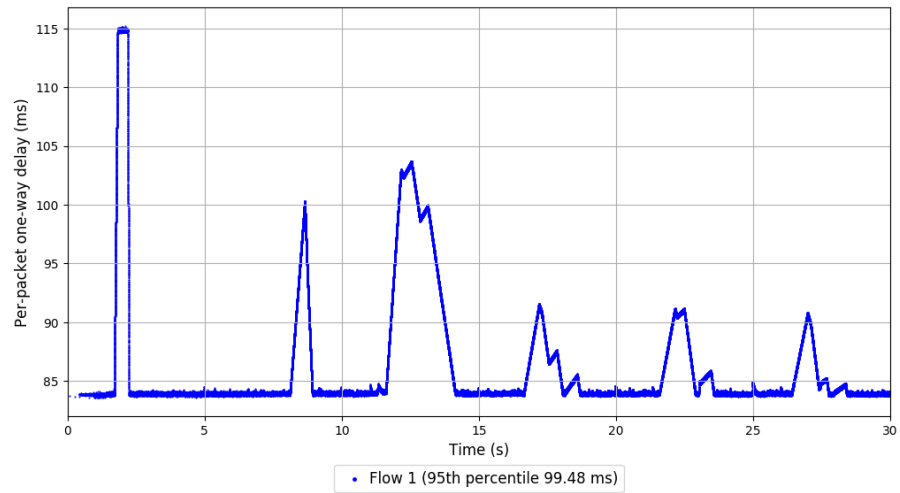
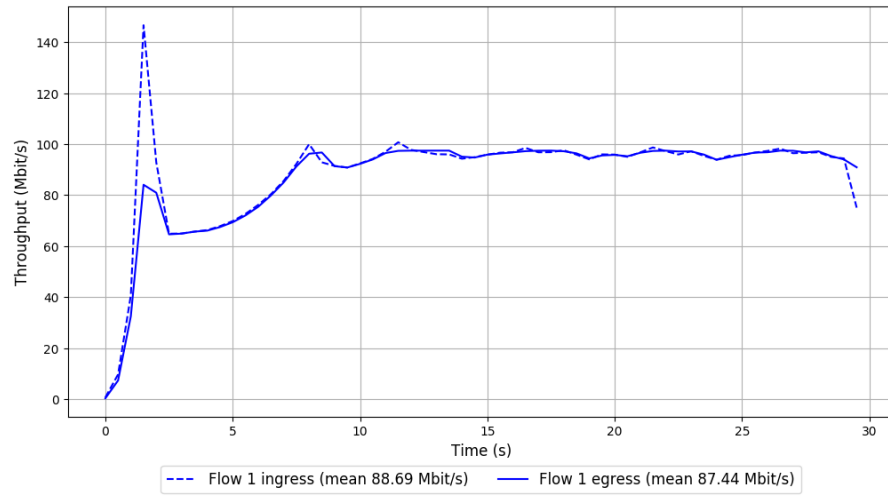


Run 5: Statistics of PCC

Start at: 2018-02-27 16:21:04
End at: 2018-02-27 16:21:34
Local clock offset: -6.43 ms
Remote clock offset: -5.114 ms

Below is generated by plot.py at 2018-02-27 18:48:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 99.478 ms
Loss rate: 1.41%
-- Flow 1:
Average throughput: 87.44 Mbit/s
95th percentile per-packet one-way delay: 99.478 ms
Loss rate: 1.41%

Run 5: Report of PCC — Data Link

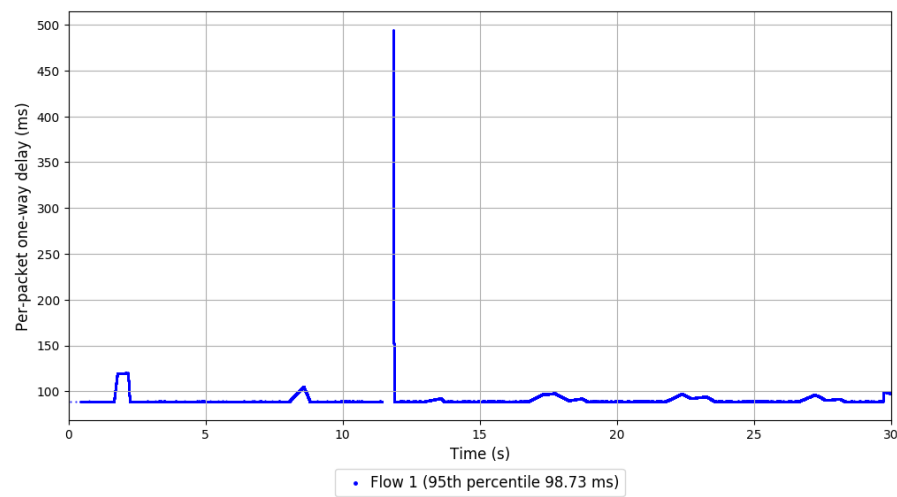
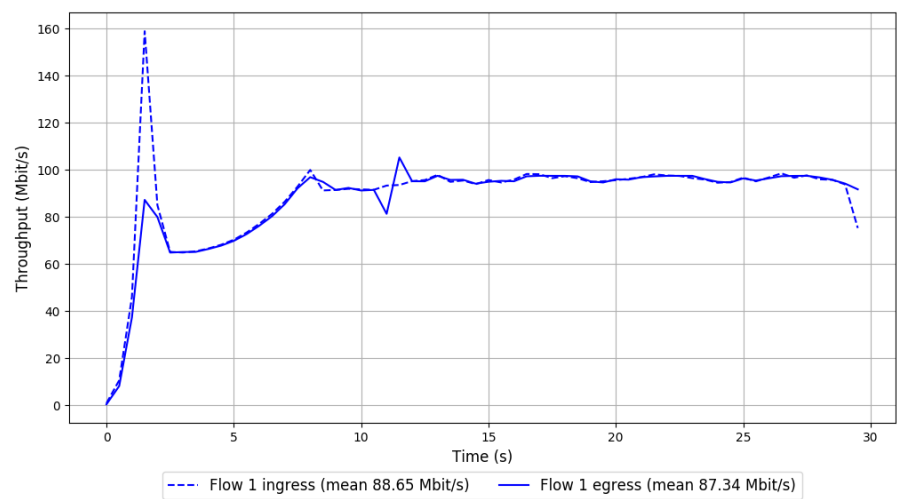


Run 6: Statistics of PCC

Start at: 2018-02-27 16:43:22
End at: 2018-02-27 16:43:52
Local clock offset: -7.898 ms
Remote clock offset: -0.227 ms

Below is generated by plot.py at 2018-02-27 18:48:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 98.726 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: 98.726 ms
Loss rate: 1.46%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-27 17:05:23

End at: 2018-02-27 17:05:53

Local clock offset: -8.056 ms

Remote clock offset: -0.23 ms

Below is generated by plot.py at 2018-02-27 18:48:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.33 Mbit/s

95th percentile per-packet one-way delay: 94.377 ms

Loss rate: 1.44%

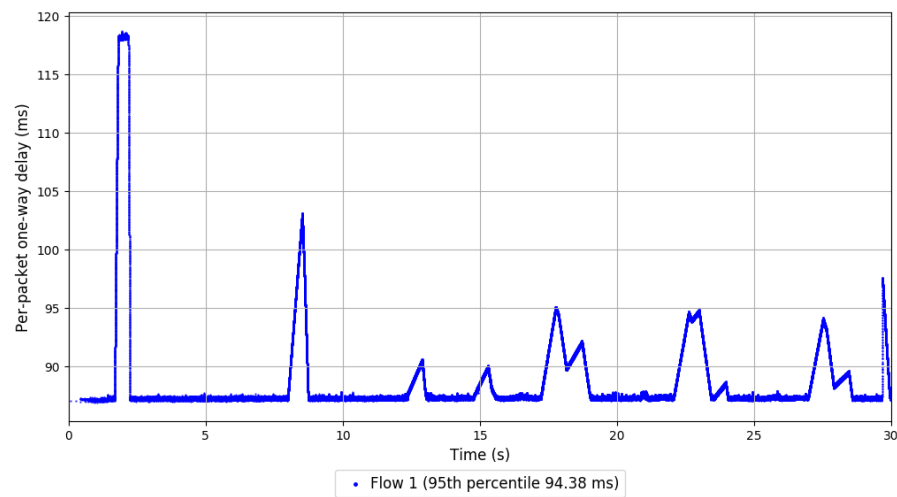
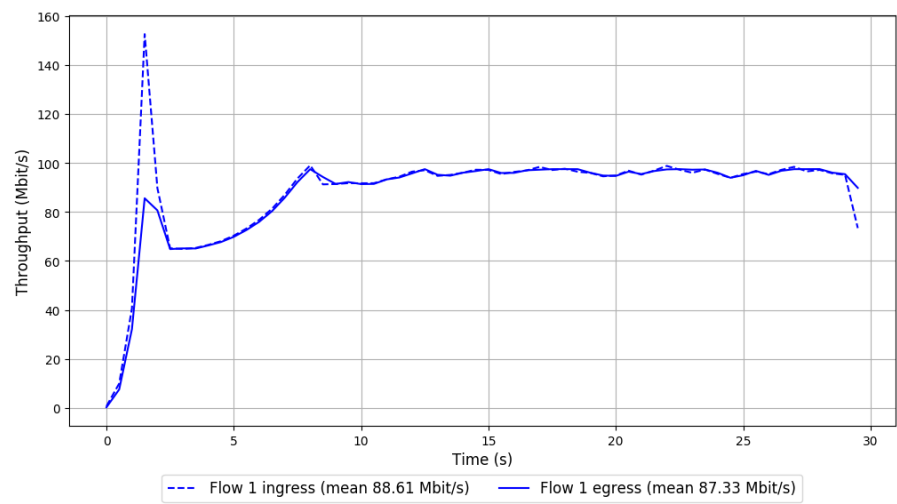
-- Flow 1:

Average throughput: 87.33 Mbit/s

95th percentile per-packet one-way delay: 94.377 ms

Loss rate: 1.44%

Run 7: Report of PCC — Data Link

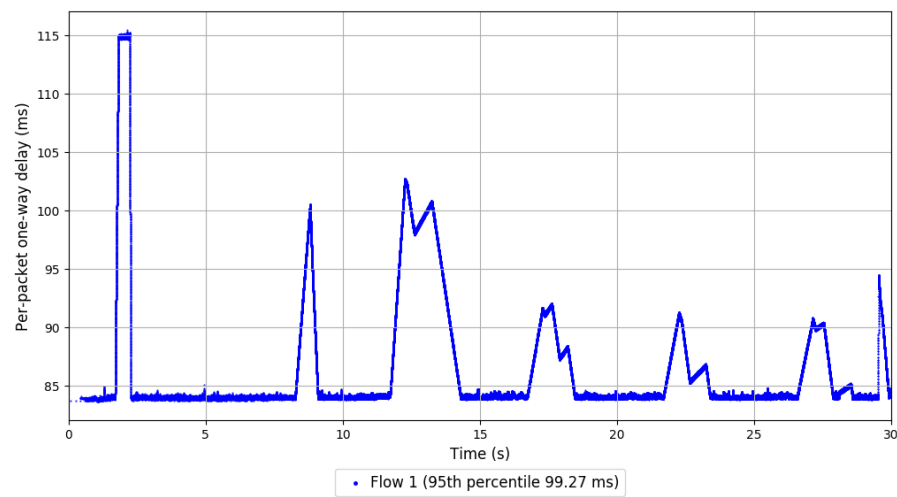
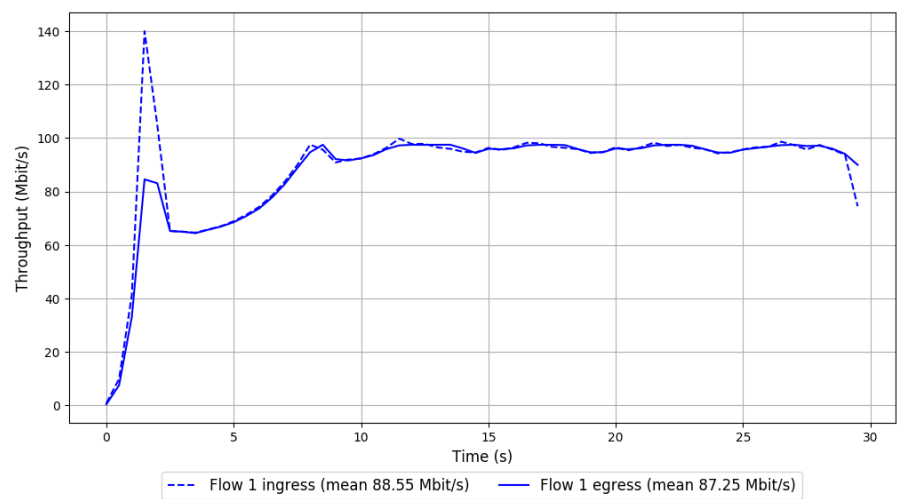


Run 8: Statistics of PCC

Start at: 2018-02-27 17:27:25
End at: 2018-02-27 17:27:55
Local clock offset: -8.703 ms
Remote clock offset: -5.074 ms

Below is generated by plot.py at 2018-02-27 18:48:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 99.272 ms
Loss rate: 1.47%
-- Flow 1:
Average throughput: 87.25 Mbit/s
95th percentile per-packet one-way delay: 99.272 ms
Loss rate: 1.47%

Run 8: Report of PCC — Data Link

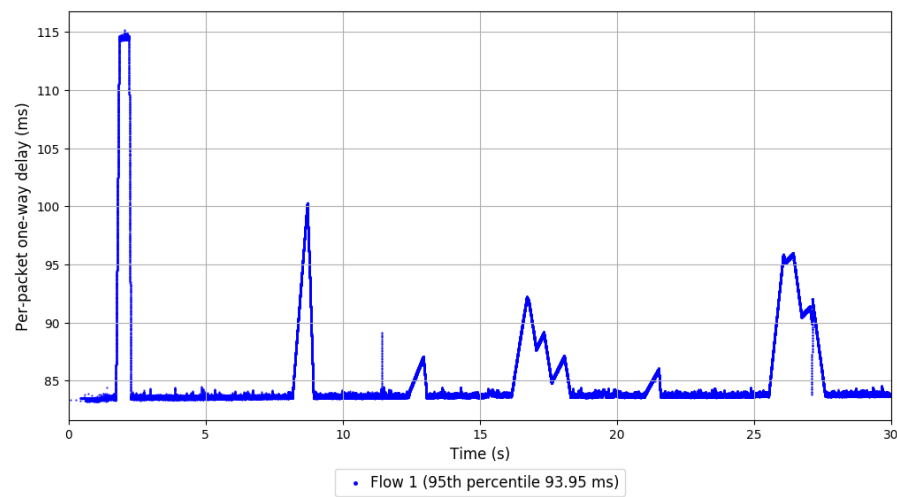
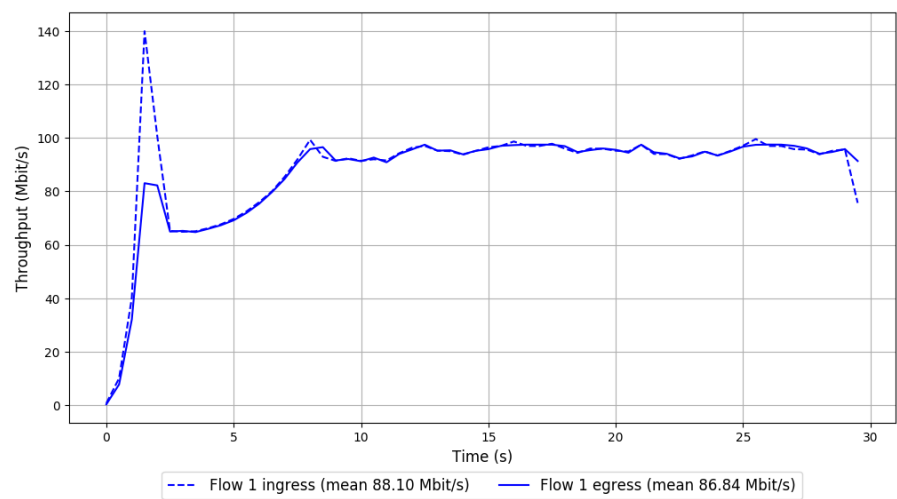


Run 9: Statistics of PCC

Start at: 2018-02-27 17:49:33
End at: 2018-02-27 17:50:03
Local clock offset: -9.275 ms
Remote clock offset: -6.026 ms

Below is generated by plot.py at 2018-02-27 18:49:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 93.946 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 86.84 Mbit/s
95th percentile per-packet one-way delay: 93.946 ms
Loss rate: 1.44%

Run 9: Report of PCC — Data Link

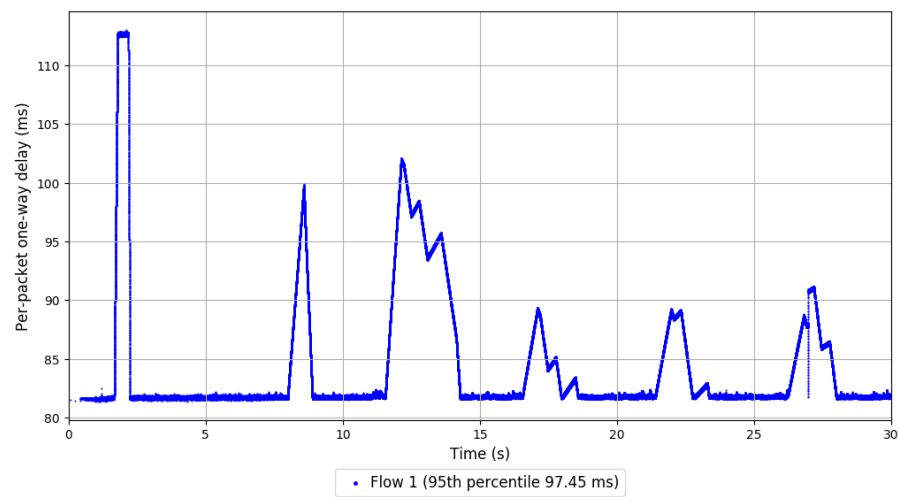
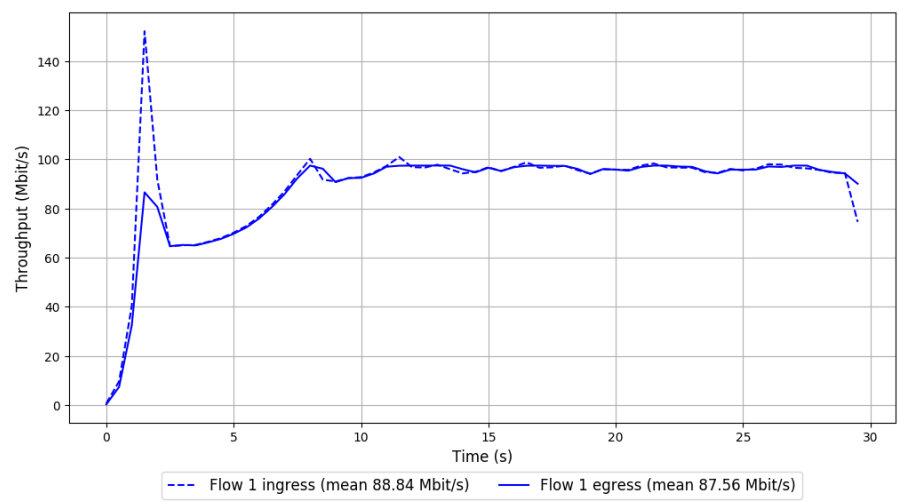


Run 10: Statistics of PCC

Start at: 2018-02-27 18:11:44
End at: 2018-02-27 18:12:14
Local clock offset: -5.649 ms
Remote clock offset: -6.018 ms

Below is generated by plot.py at 2018-02-27 18:49:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 97.454 ms
Loss rate: 1.44%
-- Flow 1:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 97.454 ms
Loss rate: 1.44%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-27 14:37:12

End at: 2018-02-27 14:37:42

Local clock offset: -5.4 ms

Remote clock offset: -6.134 ms

Below is generated by plot.py at 2018-02-27 18:49:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 60.99 Mbit/s

95th percentile per-packet one-way delay: 81.808 ms

Loss rate: 0.14%

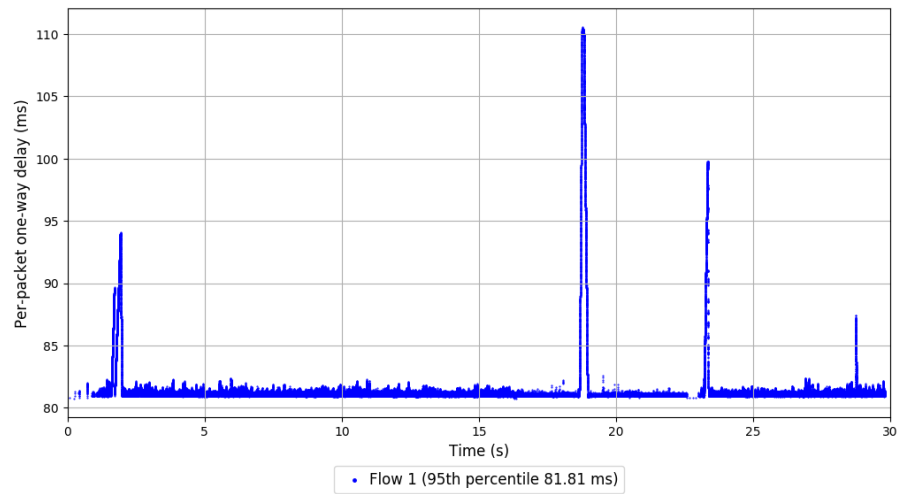
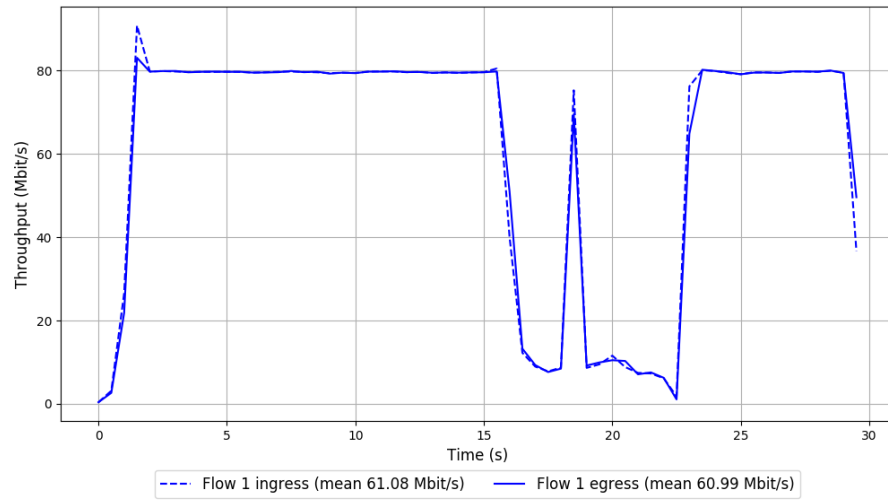
-- Flow 1:

Average throughput: 60.99 Mbit/s

95th percentile per-packet one-way delay: 81.808 ms

Loss rate: 0.14%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-27 14:59:09

End at: 2018-02-27 14:59:39

Local clock offset: -5.18 ms

Remote clock offset: -6.005 ms

Below is generated by plot.py at 2018-02-27 18:49:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.53 Mbit/s

95th percentile per-packet one-way delay: 82.892 ms

Loss rate: 0.12%

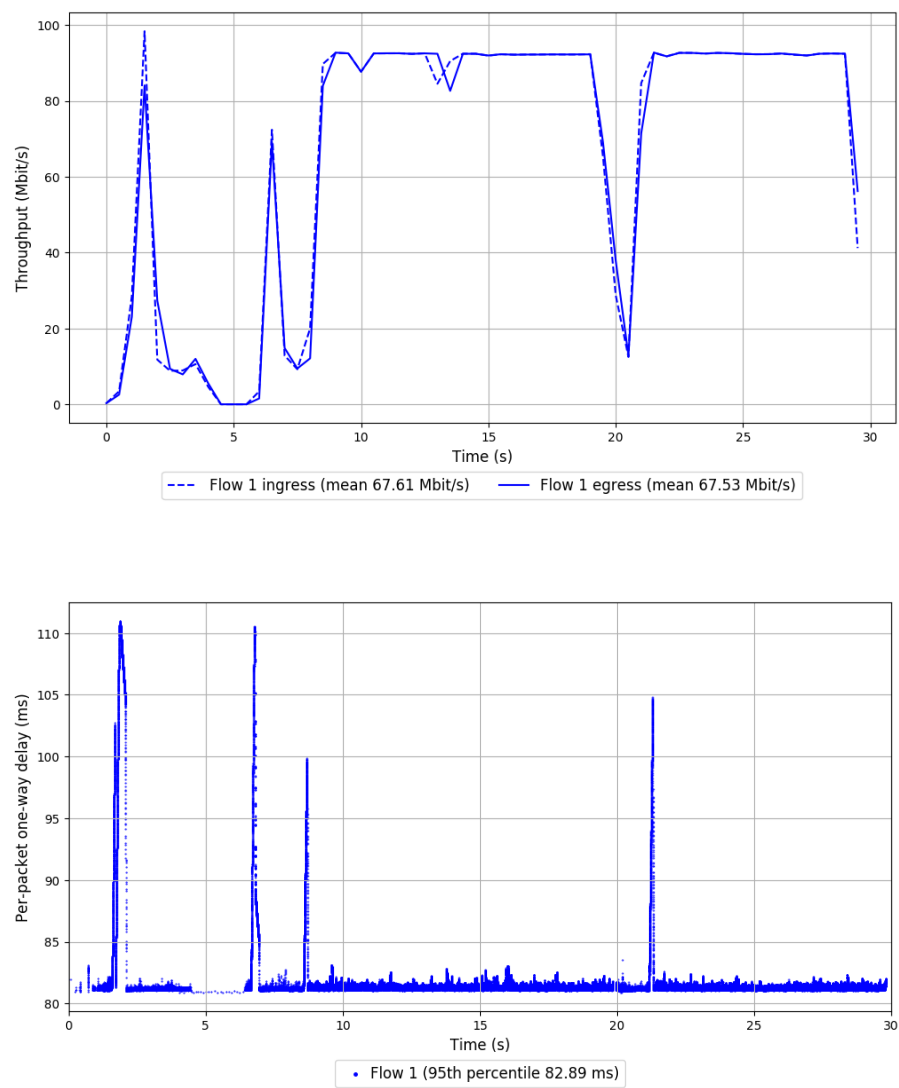
-- Flow 1:

Average throughput: 67.53 Mbit/s

95th percentile per-packet one-way delay: 82.892 ms

Loss rate: 0.12%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-27 15:21:09

End at: 2018-02-27 15:21:39

Local clock offset: -5.305 ms

Remote clock offset: -4.693 ms

Below is generated by plot.py at 2018-02-27 18:49:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.66 Mbit/s

95th percentile per-packet one-way delay: 105.321 ms

Loss rate: 0.29%

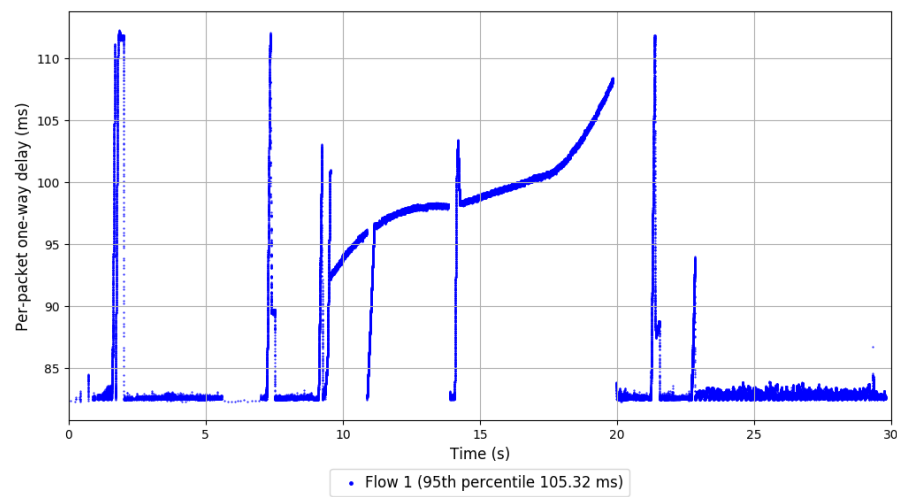
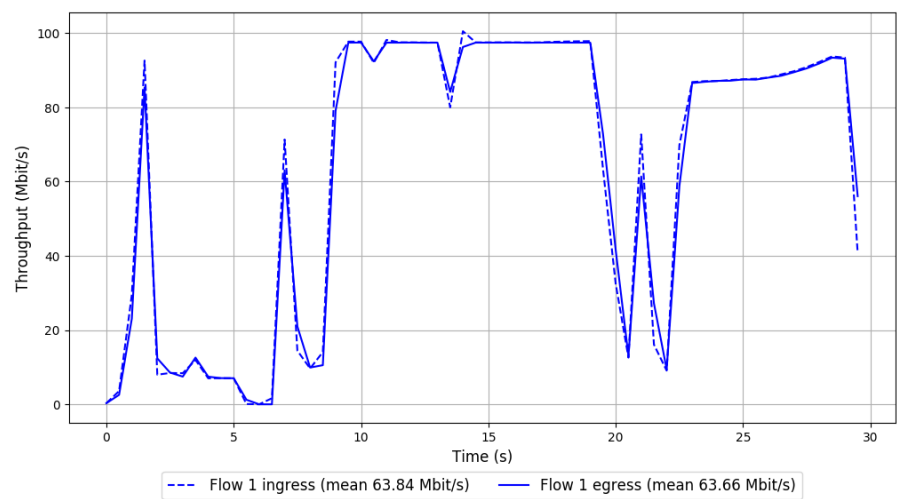
-- Flow 1:

Average throughput: 63.66 Mbit/s

95th percentile per-packet one-way delay: 105.321 ms

Loss rate: 0.29%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-27 15:43:27

End at: 2018-02-27 15:43:57

Local clock offset: -3.81 ms

Remote clock offset: 0.108 ms

Below is generated by plot.py at 2018-02-27 18:49:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 65.06 Mbit/s

95th percentile per-packet one-way delay: 104.587 ms

Loss rate: 0.21%

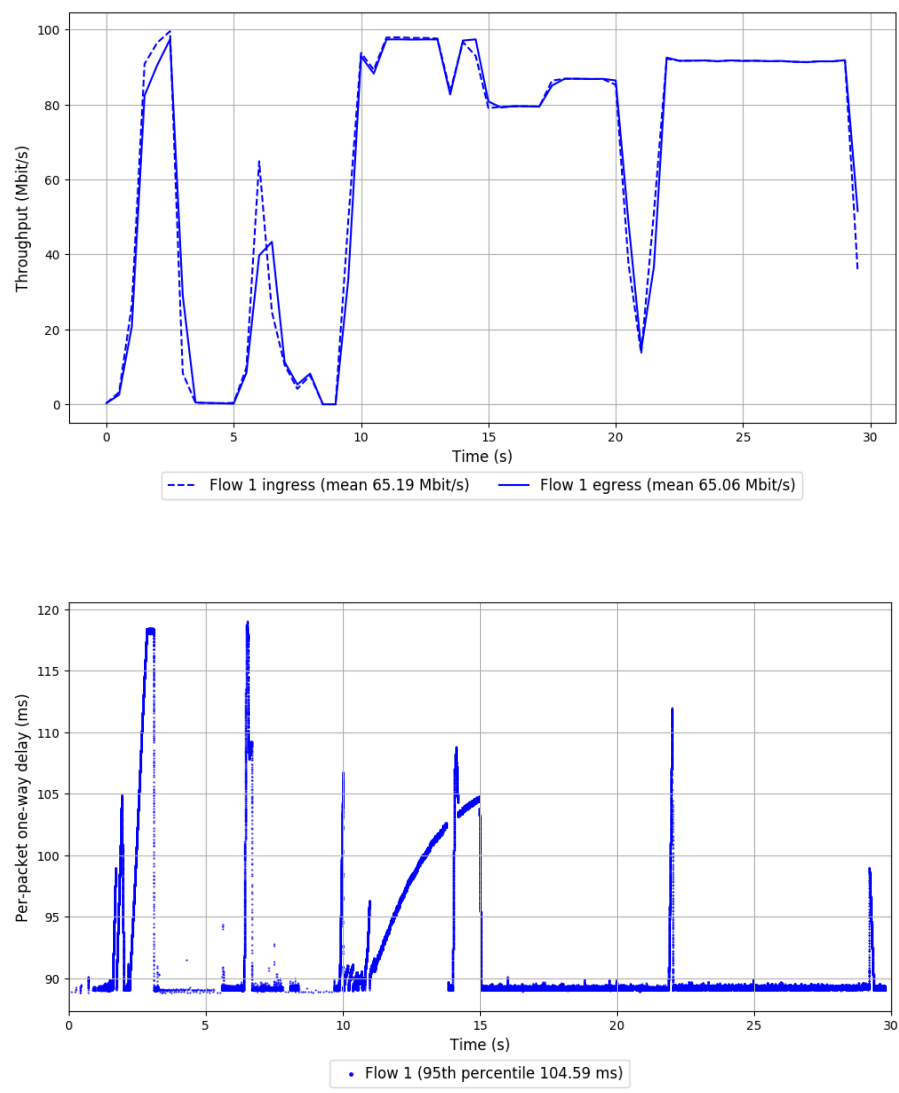
-- Flow 1:

Average throughput: 65.06 Mbit/s

95th percentile per-packet one-way delay: 104.587 ms

Loss rate: 0.21%

Run 4: Report of QUIC Cubic — Data Link

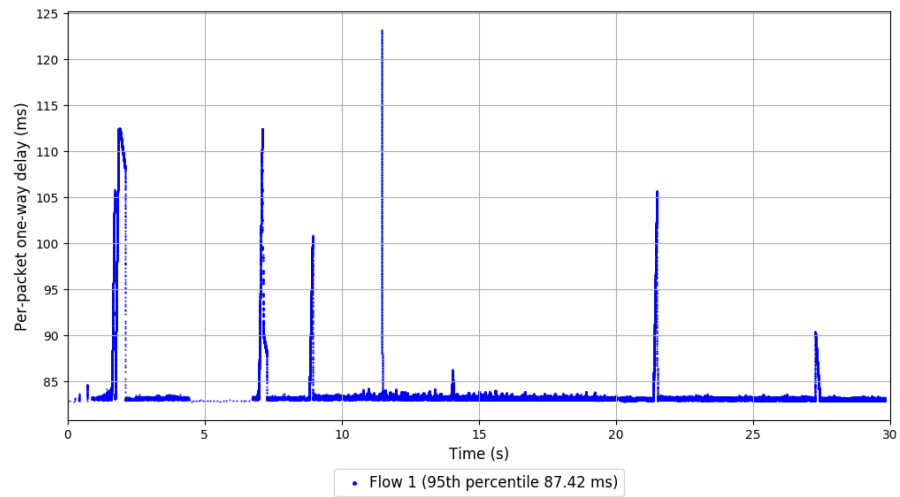
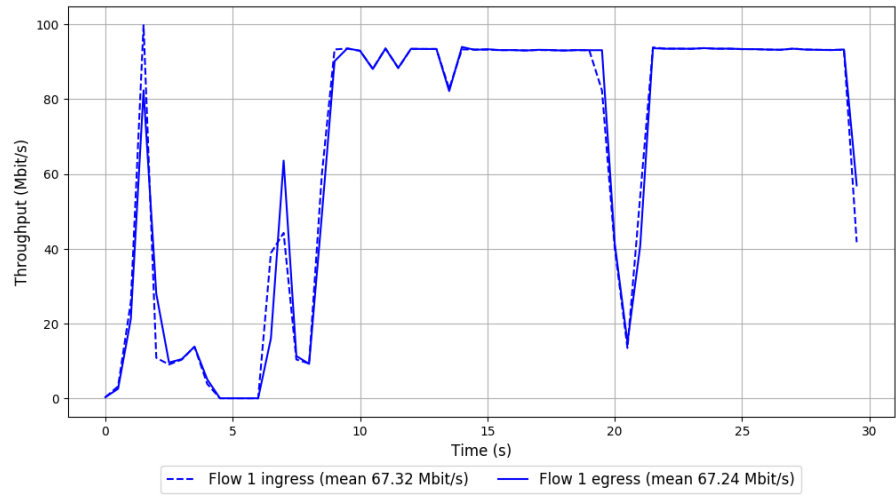


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-27 16:06:10
End at: 2018-02-27 16:06:40
Local clock offset: -2.752 ms
Remote clock offset: -5.988 ms

Below is generated by plot.py at 2018-02-27 18:49:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 87.420 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 67.24 Mbit/s
95th percentile per-packet one-way delay: 87.420 ms
Loss rate: 0.13%

Run 5: Report of QUIC Cubic — Data Link

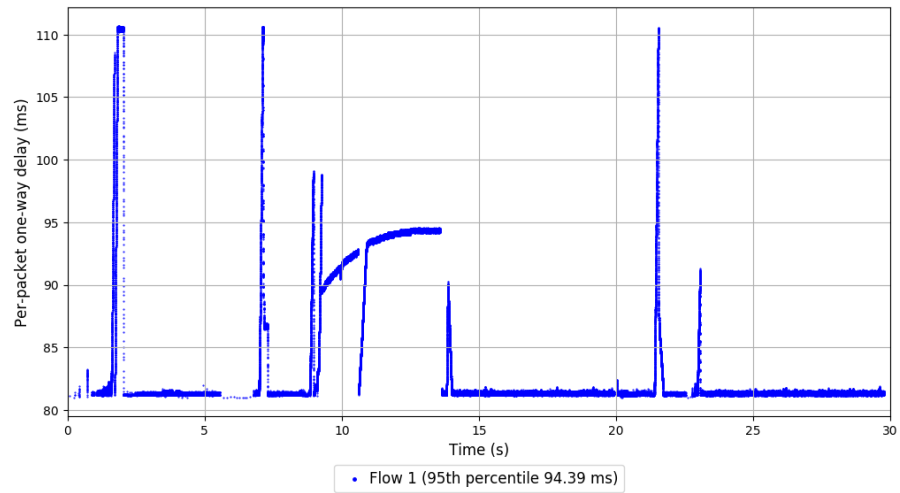
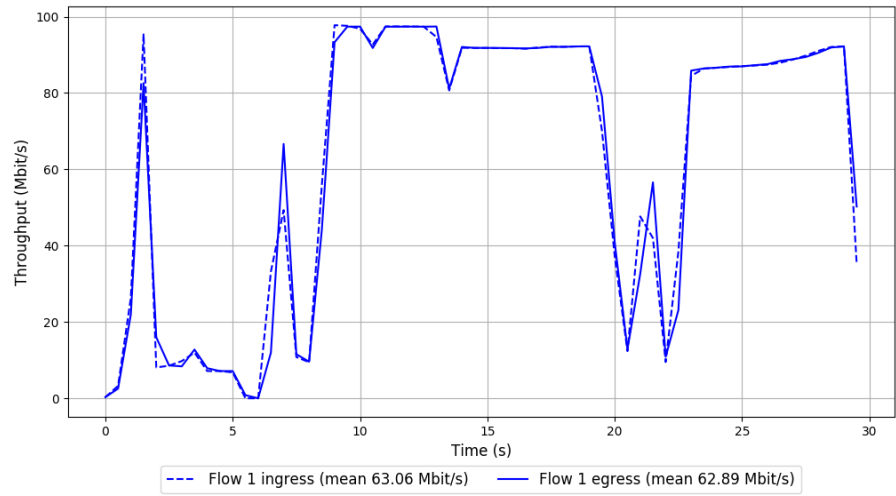


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-27 16:28:30
End at: 2018-02-27 16:29:00
Local clock offset: -7.199 ms
Remote clock offset: -5.904 ms

Below is generated by plot.py at 2018-02-27 18:49:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.89 Mbit/s
95th percentile per-packet one-way delay: 94.385 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 62.89 Mbit/s
95th percentile per-packet one-way delay: 94.385 ms
Loss rate: 0.27%

Run 6: Report of QUIC Cubic — Data Link

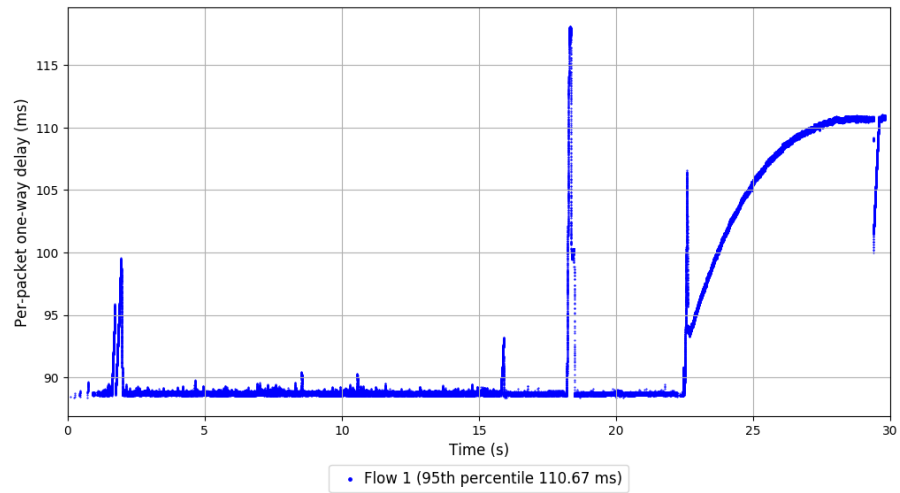
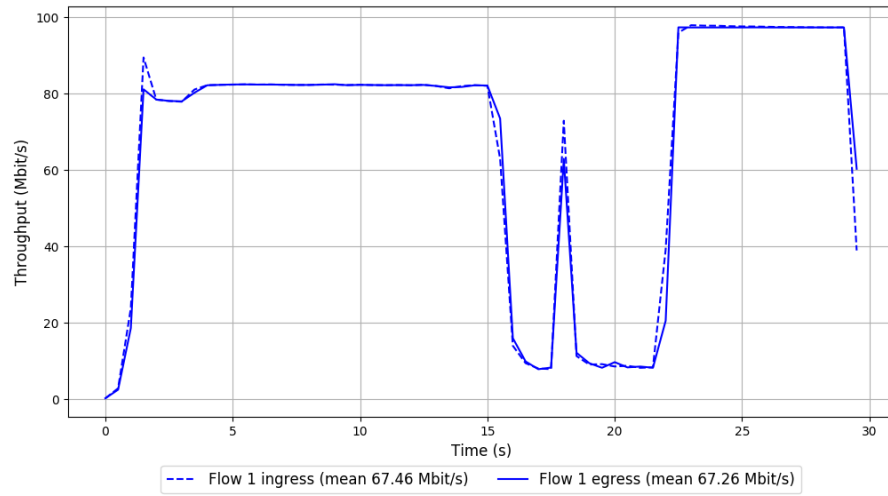


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-27 16:50:47
End at: 2018-02-27 16:51:17
Local clock offset: -7.776 ms
Remote clock offset: -0.331 ms

Below is generated by plot.py at 2018-02-27 18:50:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 110.673 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 67.26 Mbit/s
95th percentile per-packet one-way delay: 110.673 ms
Loss rate: 0.22%

Run 7: Report of QUIC Cubic — Data Link

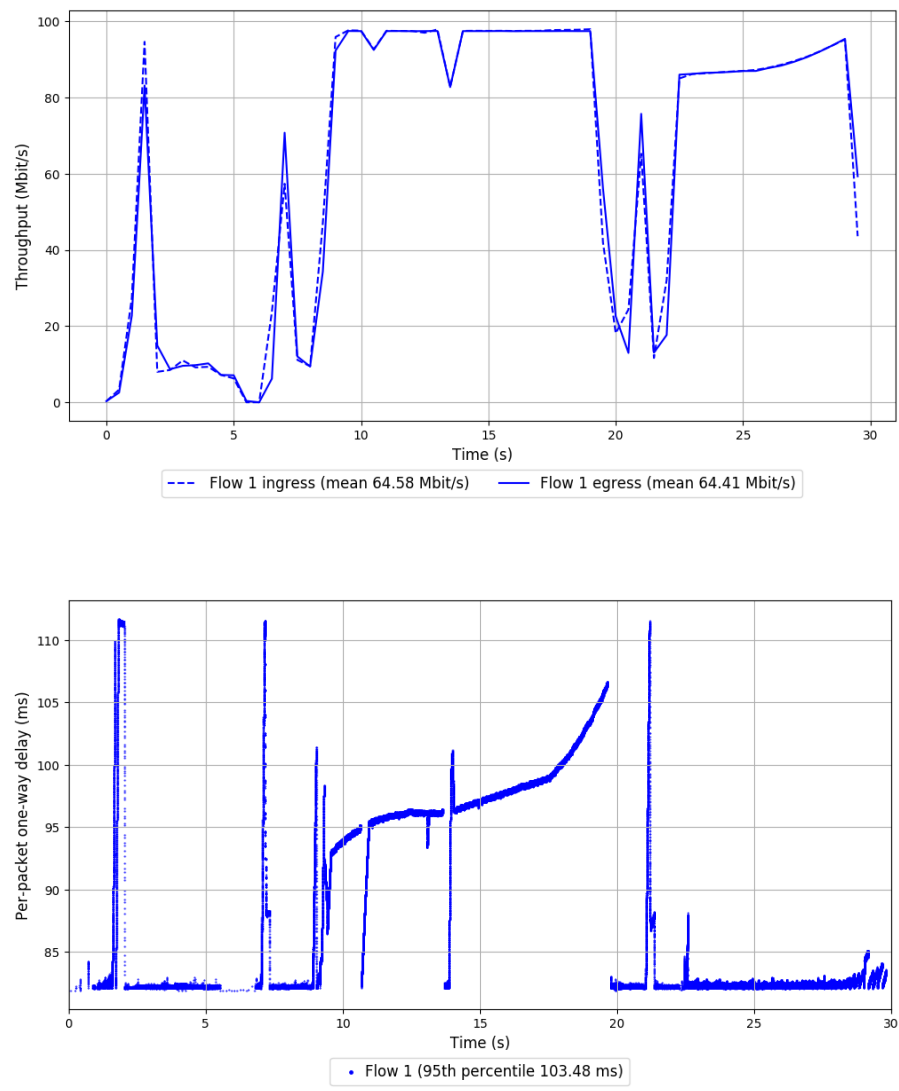


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-27 17:12:50
End at: 2018-02-27 17:13:20
Local clock offset: -8.292 ms
Remote clock offset: -5.034 ms

Below is generated by plot.py at 2018-02-27 18:50:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.41 Mbit/s
95th percentile per-packet one-way delay: 103.478 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 64.41 Mbit/s
95th percentile per-packet one-way delay: 103.478 ms
Loss rate: 0.27%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-27 17:34:53

End at: 2018-02-27 17:35:23

Local clock offset: -8.924 ms

Remote clock offset: -5.969 ms

Below is generated by plot.py at 2018-02-27 18:50:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.48 Mbit/s

95th percentile per-packet one-way delay: 102.861 ms

Loss rate: 0.27%

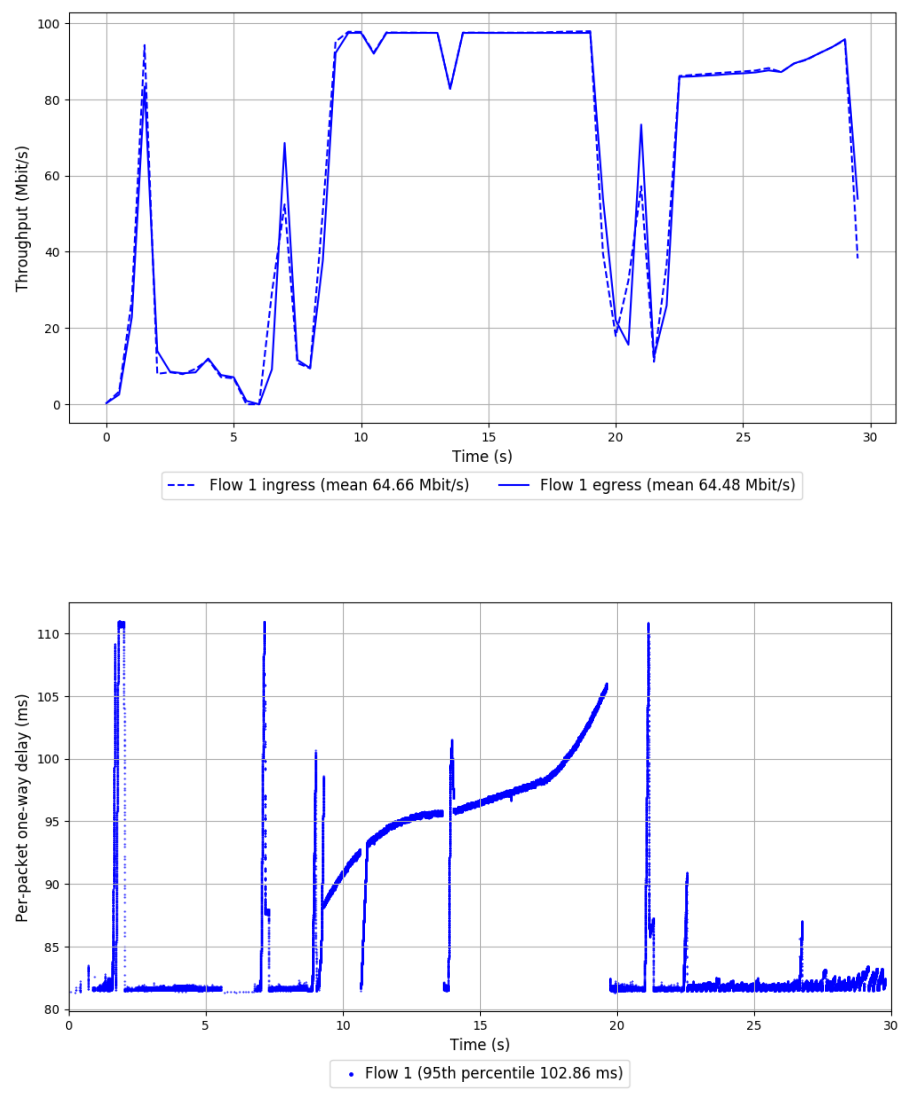
-- Flow 1:

Average throughput: 64.48 Mbit/s

95th percentile per-packet one-way delay: 102.861 ms

Loss rate: 0.27%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-27 17:57:03

End at: 2018-02-27 17:57:33

Local clock offset: -7.103 ms

Remote clock offset: -1.219 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.11 Mbit/s

95th percentile per-packet one-way delay: 112.079 ms

Loss rate: 0.25%

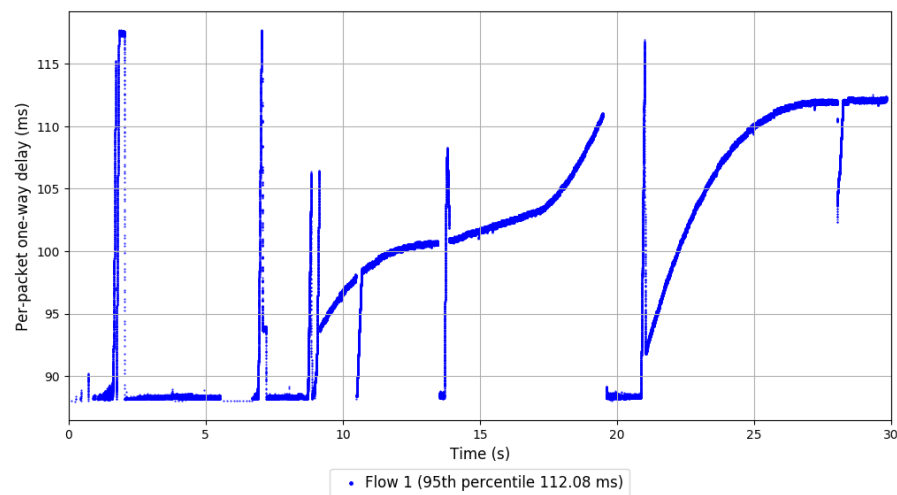
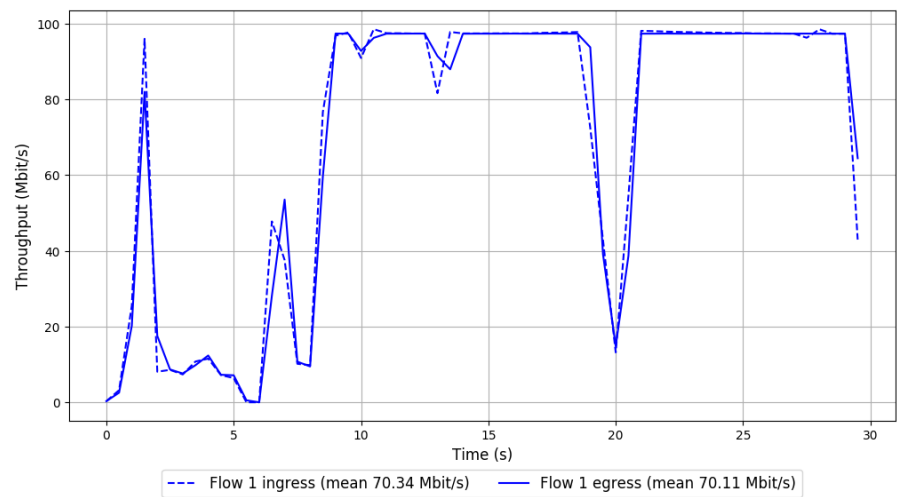
-- Flow 1:

Average throughput: 70.11 Mbit/s

95th percentile per-packet one-way delay: 112.079 ms

Loss rate: 0.25%

Run 10: Report of QUIC Cubic — Data Link

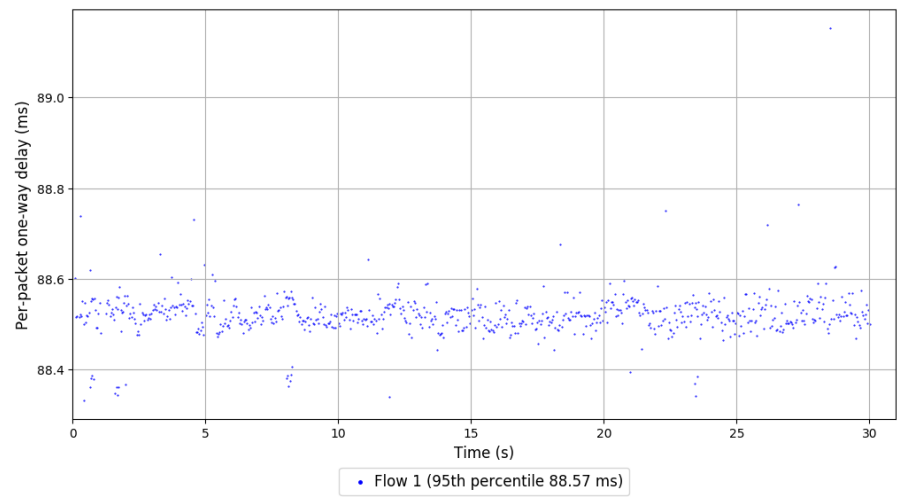
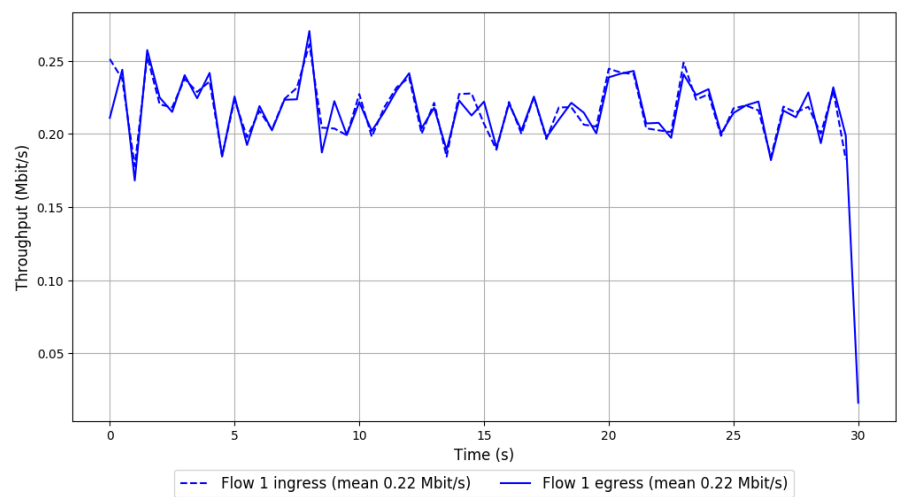


Run 1: Statistics of SCReAM

Start at: 2018-02-27 14:48:09
End at: 2018-02-27 14:48:39
Local clock offset: -5.237 ms
Remote clock offset: -0.324 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.570 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-02-27 15:10:06

End at: 2018-02-27 15:10:36

Local clock offset: -5.256 ms

Remote clock offset: -0.11 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.480 ms

Loss rate: 0.00%

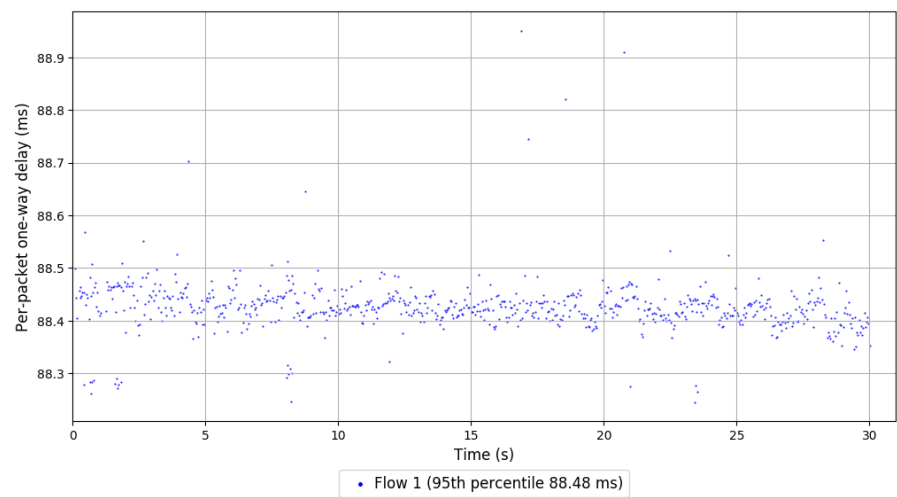
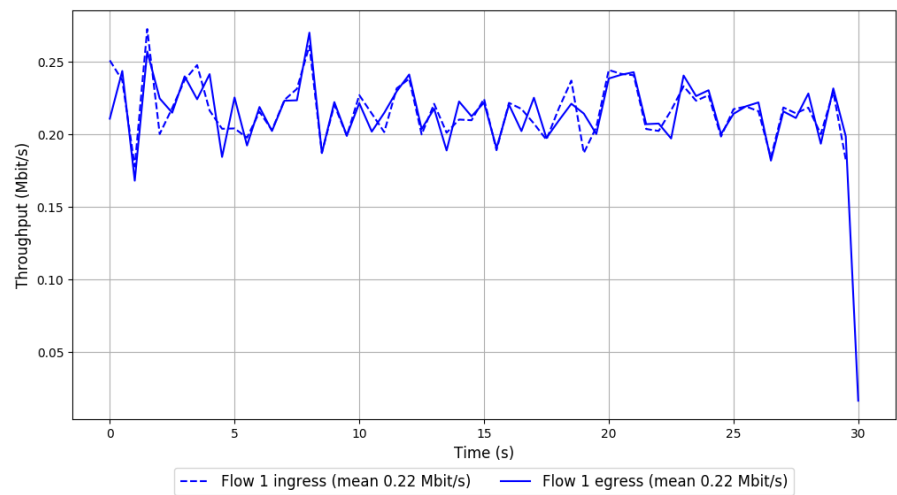
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.480 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

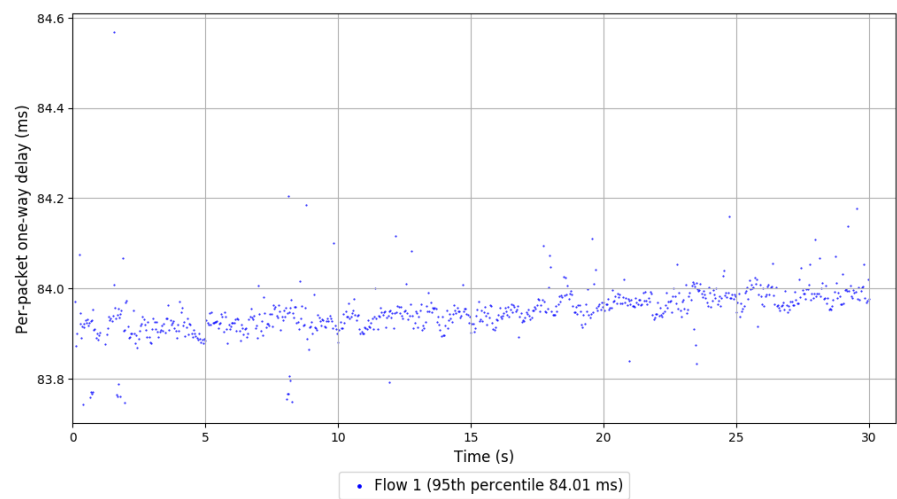
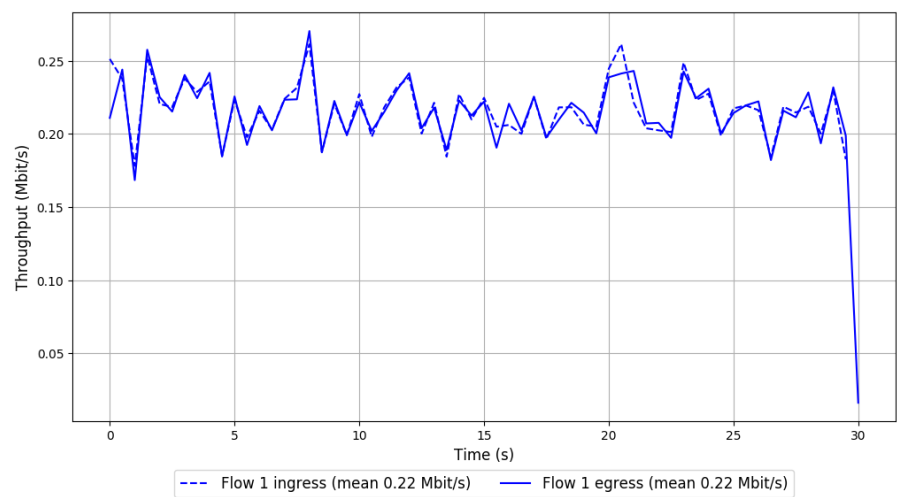


Run 3: Statistics of SCReAM

Start at: 2018-02-27 15:32:25
End at: 2018-02-27 15:32:55
Local clock offset: -5.145 ms
Remote clock offset: -4.594 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.012 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-27 15:55:04

End at: 2018-02-27 15:55:34

Local clock offset: -3.182 ms

Remote clock offset: 0.816 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 90.034 ms

Loss rate: 0.00%

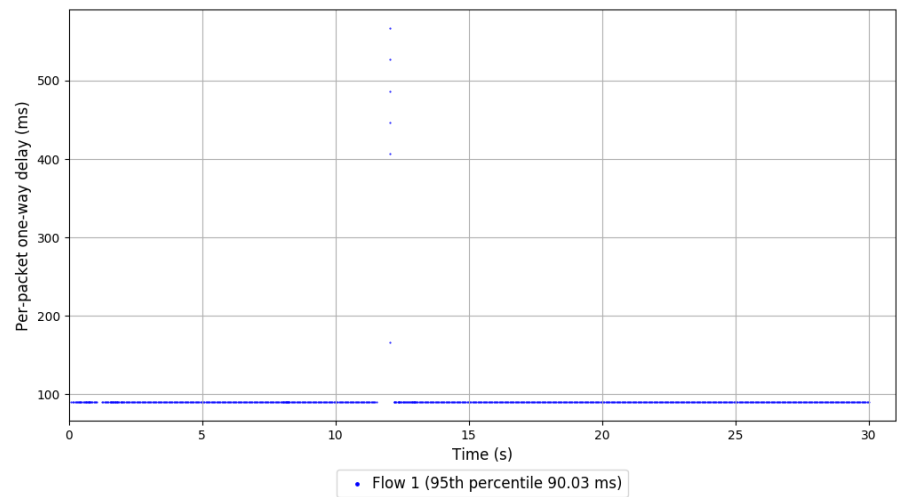
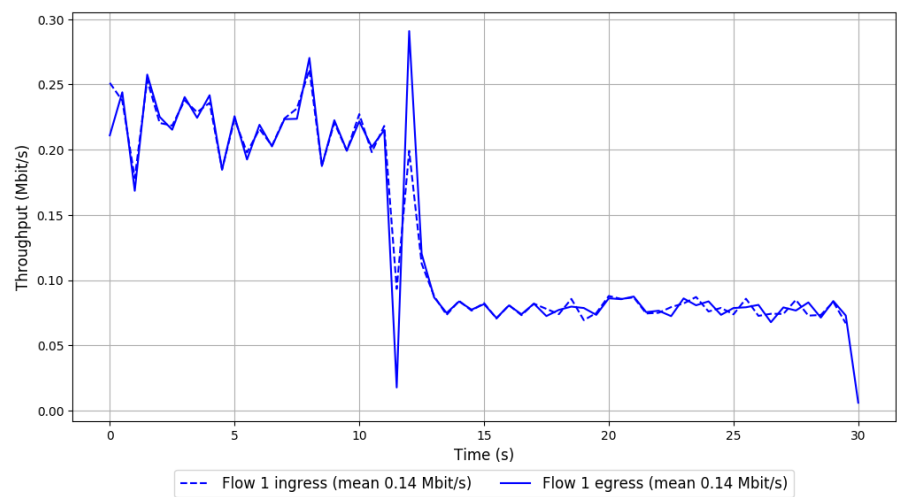
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 90.034 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-02-27 16:17:27

End at: 2018-02-27 16:17:57

Local clock offset: -5.855 ms

Remote clock offset: -0.35 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.527 ms

Loss rate: 0.00%

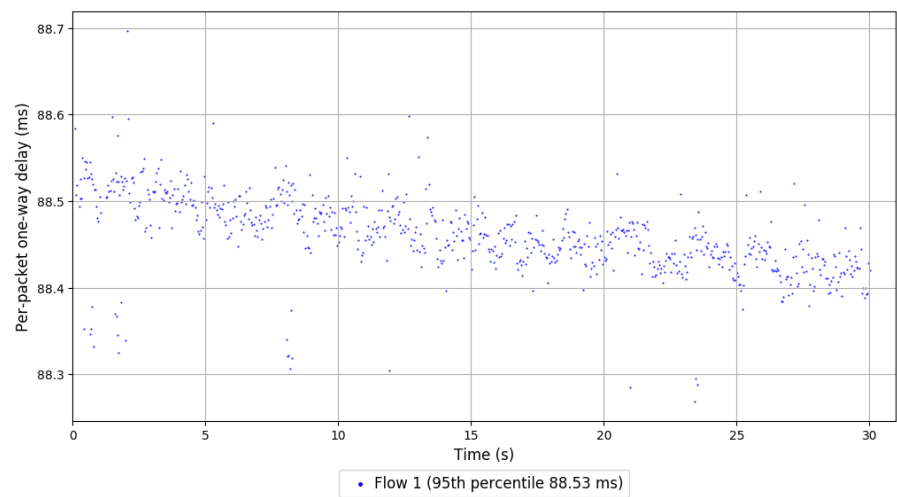
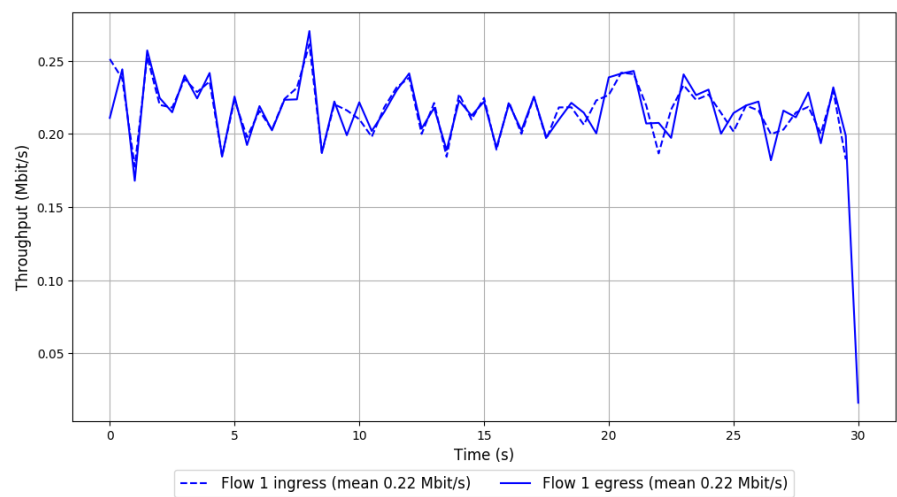
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 88.527 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

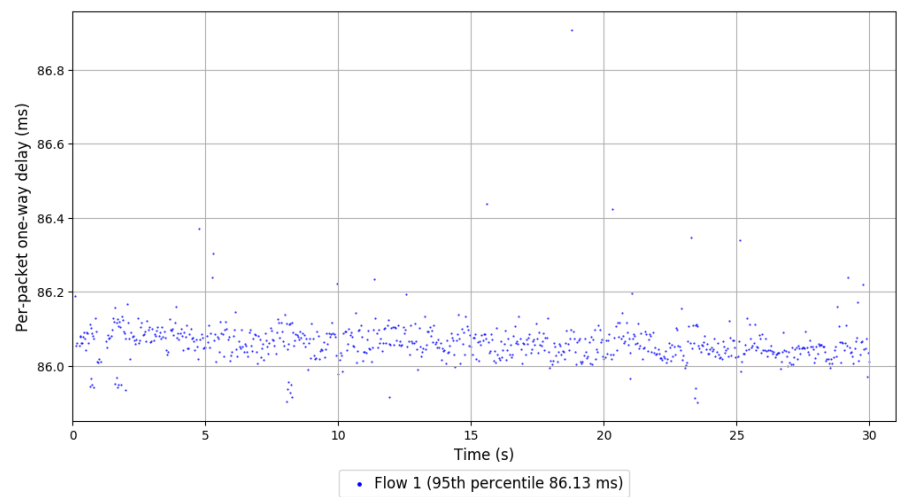
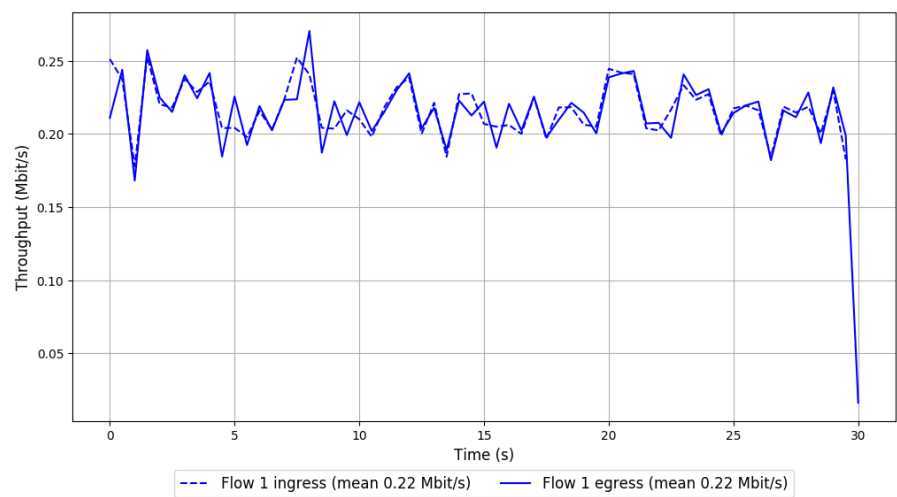


Run 6: Statistics of SCReAM

Start at: 2018-02-27 16:39:44
End at: 2018-02-27 16:40:14
Local clock offset: -8.002 ms
Remote clock offset: -1.094 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.126 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

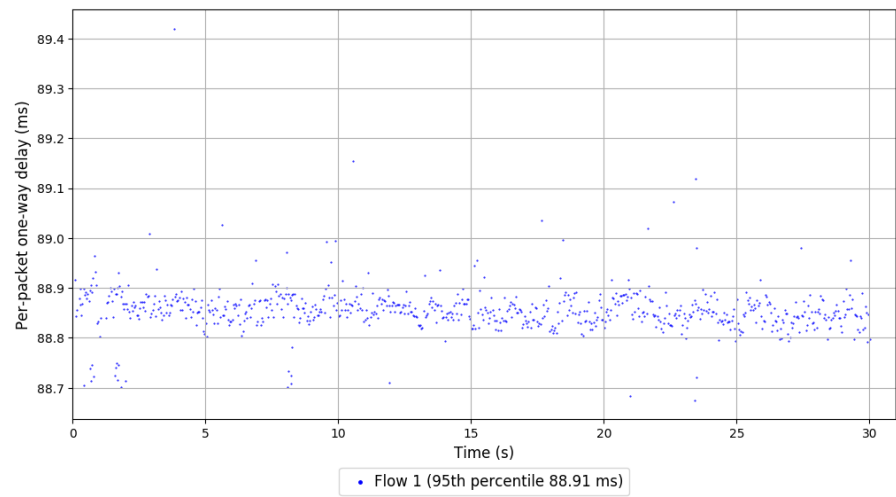
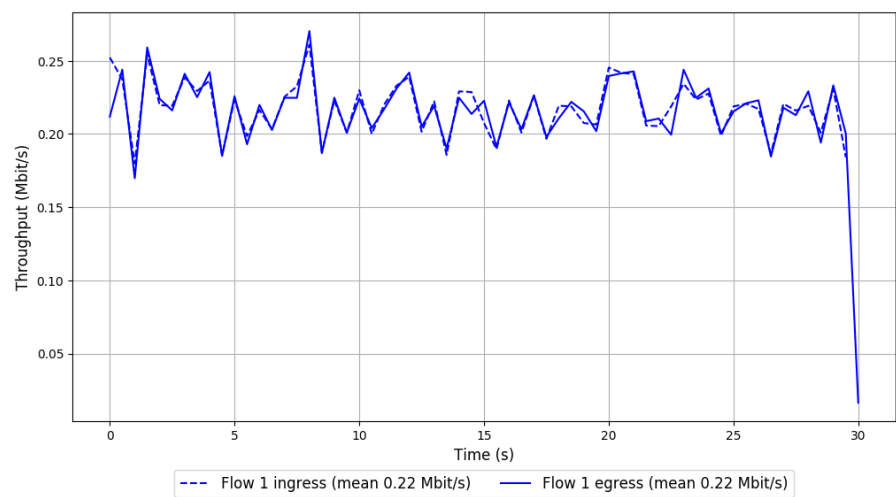


Run 7: Statistics of SCReAM

Start at: 2018-02-27 17:01:45
End at: 2018-02-27 17:02:15
Local clock offset: -7.947 ms
Remote clock offset: -0.199 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.906 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-27 17:23:47

End at: 2018-02-27 17:24:17

Local clock offset: -8.567 ms

Remote clock offset: 0.691 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 89.621 ms

Loss rate: 0.00%

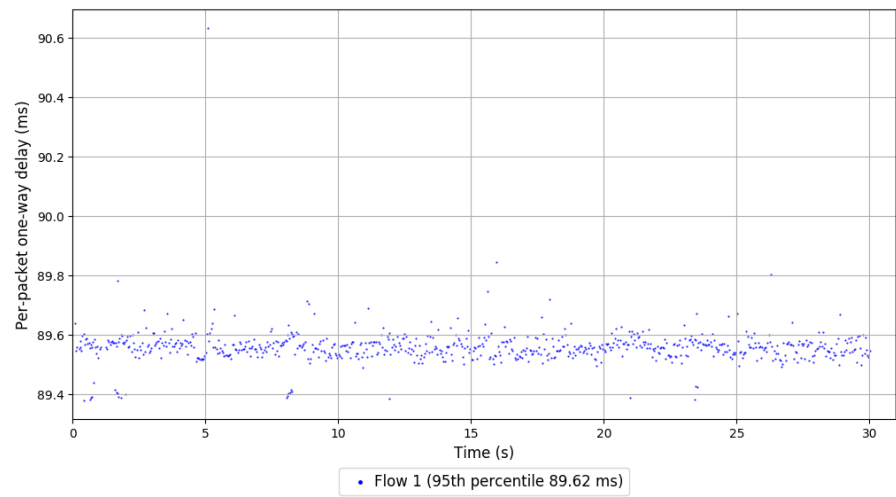
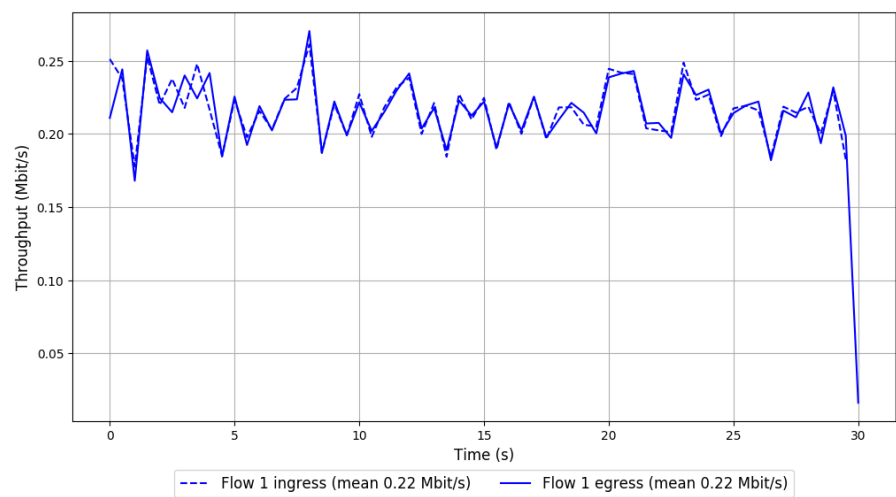
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 89.621 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

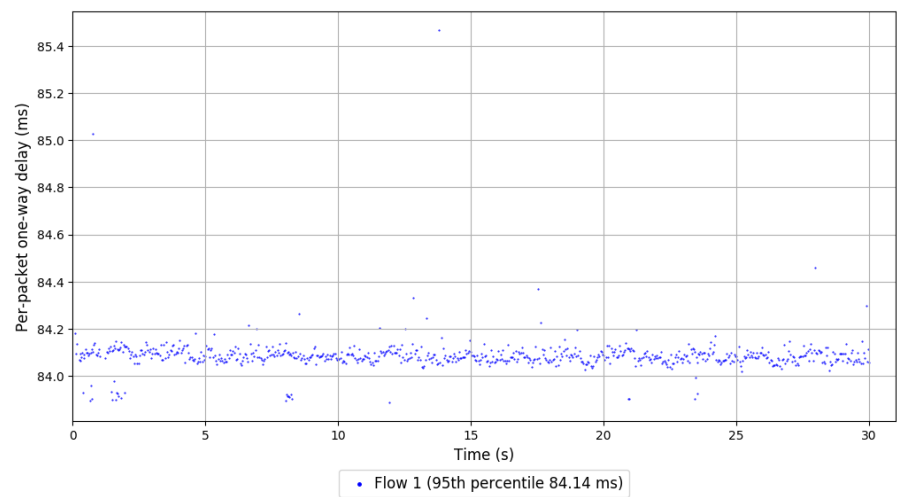
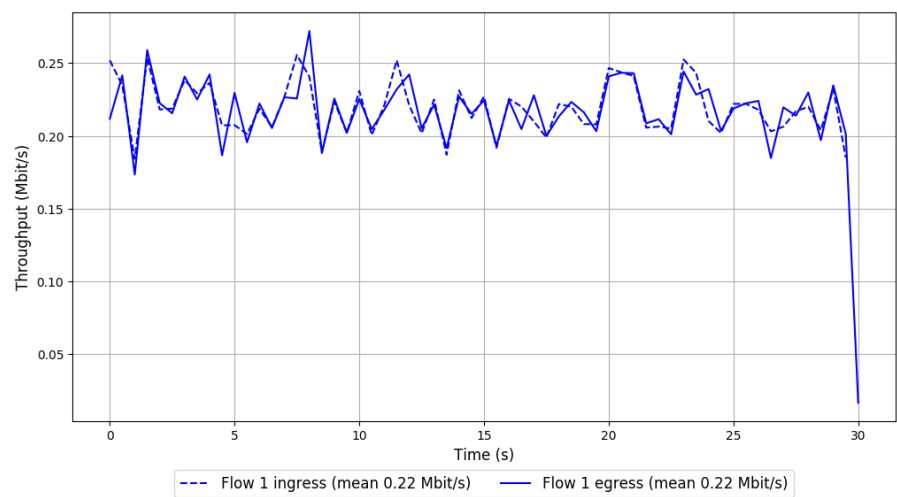


Run 9: Statistics of SCReAM

Start at: 2018-02-27 17:45:54
End at: 2018-02-27 17:46:24
Local clock offset: -9.315 ms
Remote clock offset: -5.181 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.136 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.136 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

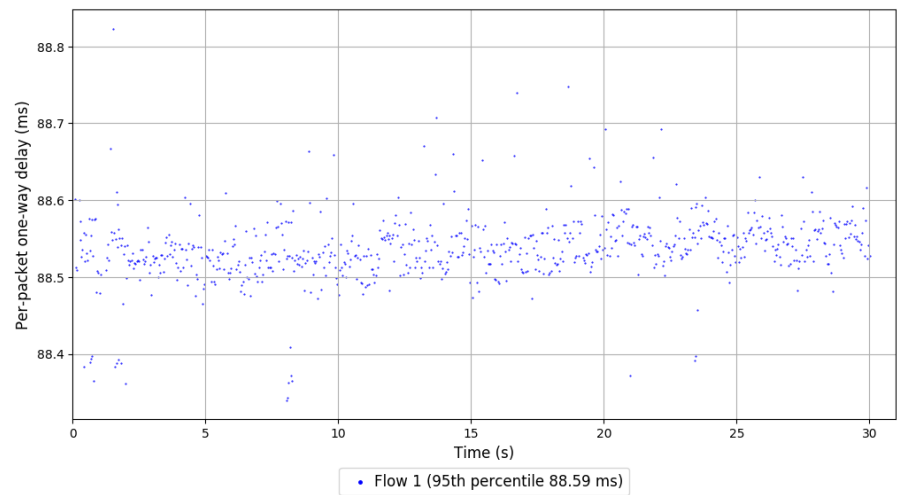
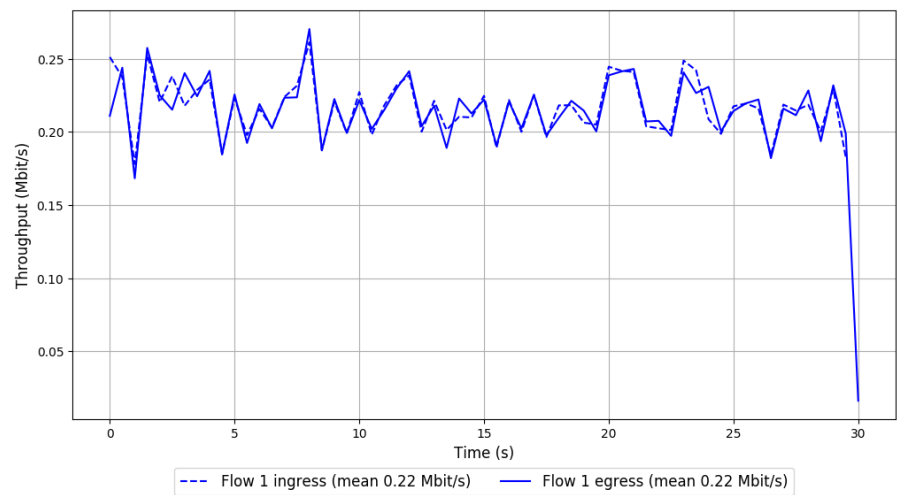


Run 10: Statistics of SCReAM

Start at: 2018-02-27 18:08:07
End at: 2018-02-27 18:08:37
Local clock offset: -5.787 ms
Remote clock offset: -0.307 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.595 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.595 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

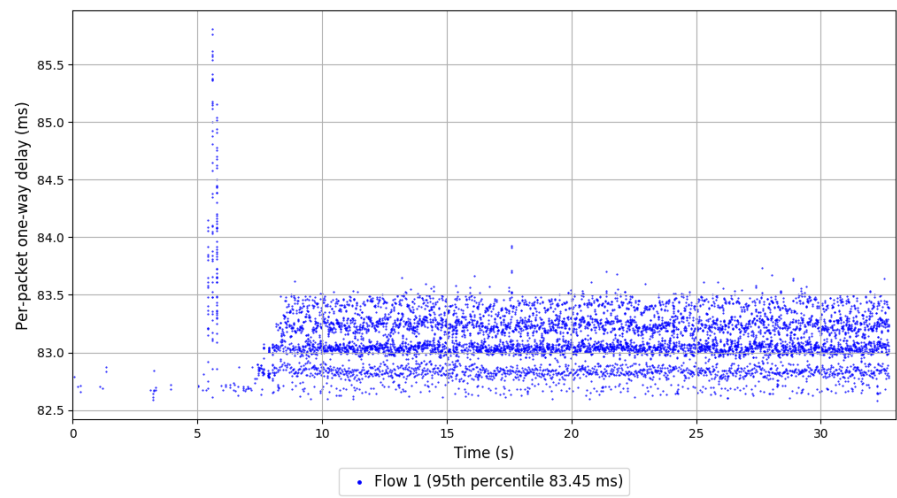
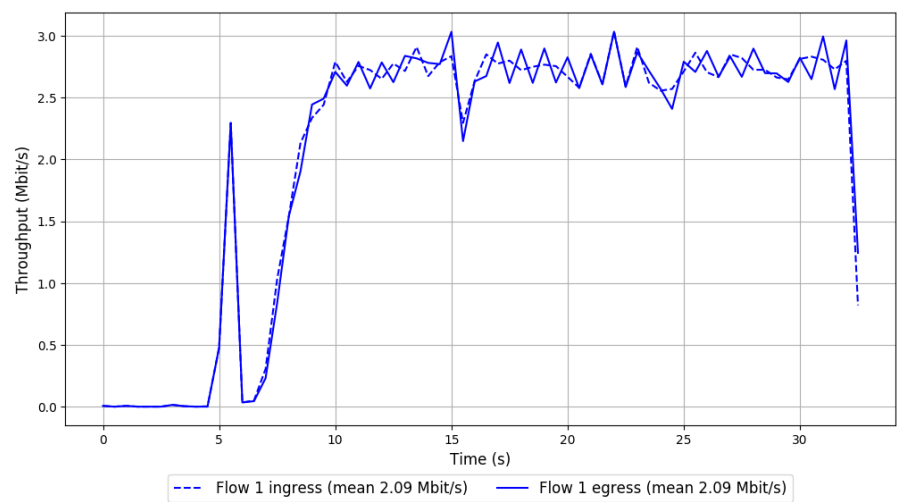


```
Run 1: Statistics of WebRTC media

Start at: 2018-02-27 14:42:04
End at: 2018-02-27 14:42:34
Local clock offset: -5.368 ms
Remote clock offset: -6.011 ms

# Below is generated by plot.py at 2018-02-27 18:50:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 83.455 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.09 Mbit/s
95th percentile per-packet one-way delay: 83.455 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-02-27 15:04:01

End at: 2018-02-27 15:04:31

Local clock offset: -5.272 ms

Remote clock offset: 0.528 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 90.241 ms

Loss rate: 0.00%

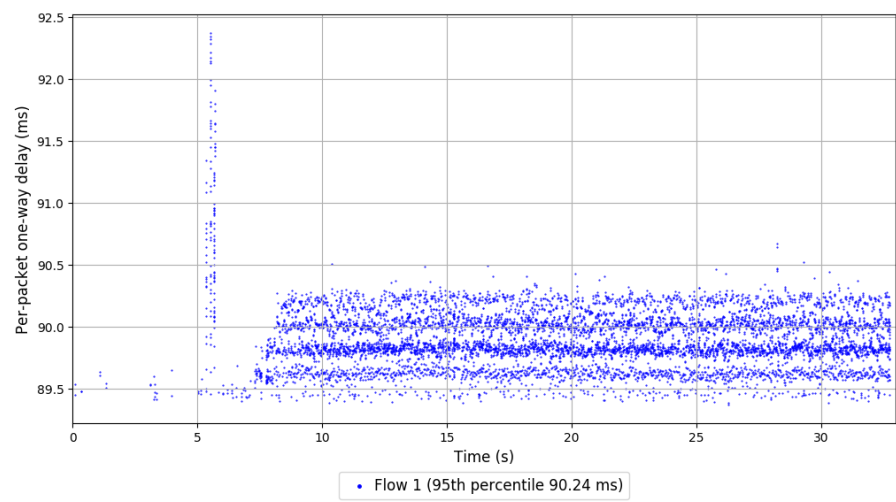
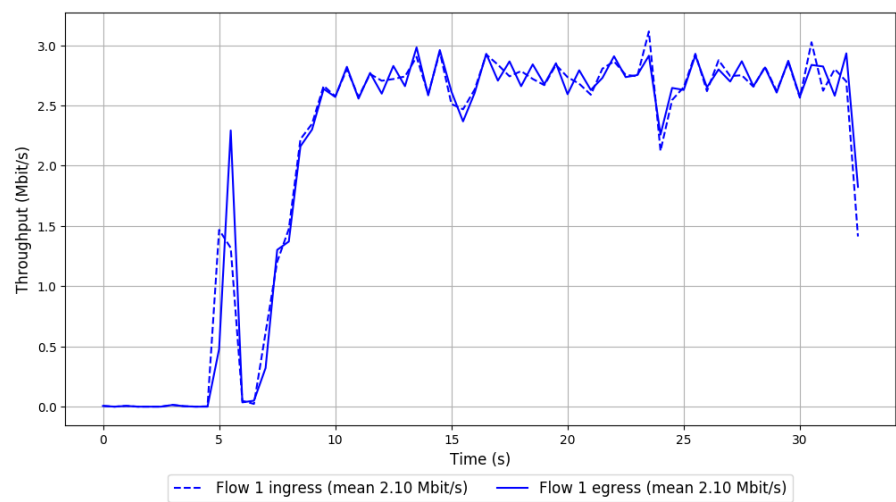
-- Flow 1:

Average throughput: 2.10 Mbit/s

95th percentile per-packet one-way delay: 90.241 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

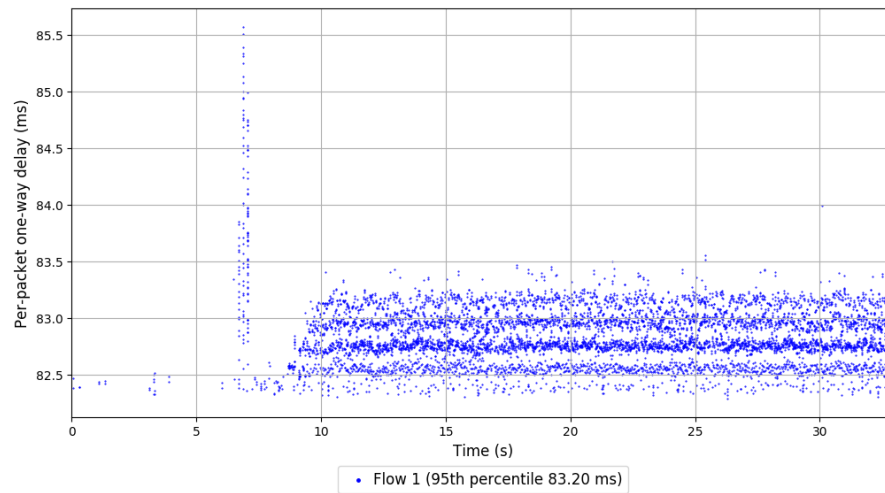
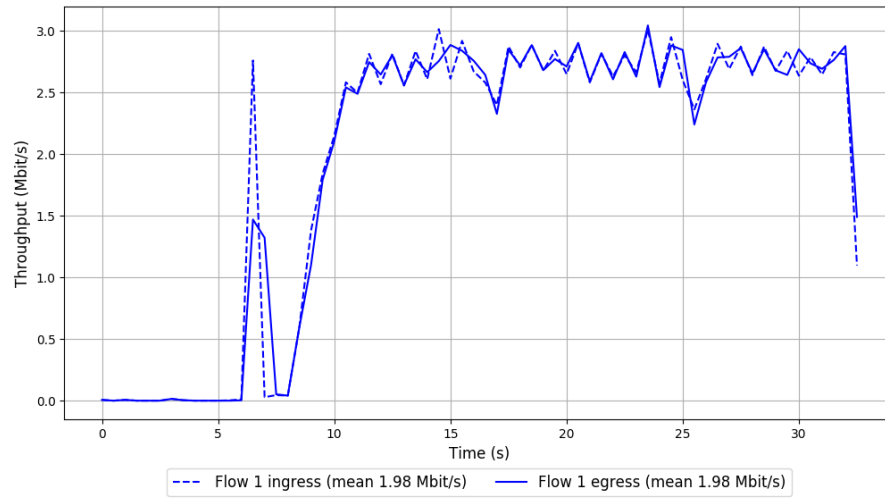


Run 3: Statistics of WebRTC media

Start at: 2018-02-27 15:26:20
End at: 2018-02-27 15:26:50
Local clock offset: -5.229 ms
Remote clock offset: -5.432 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 83.197 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.98 Mbit/s
95th percentile per-packet one-way delay: 83.197 ms
Loss rate: 0.03%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-27 15:48:40

End at: 2018-02-27 15:49:10

Local clock offset: -3.469 ms

Remote clock offset: -0.79 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 87.205 ms

Loss rate: 0.00%

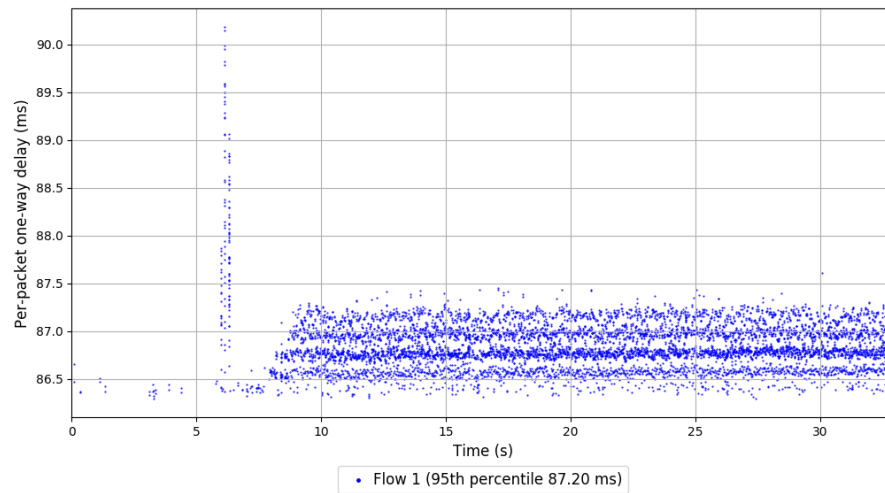
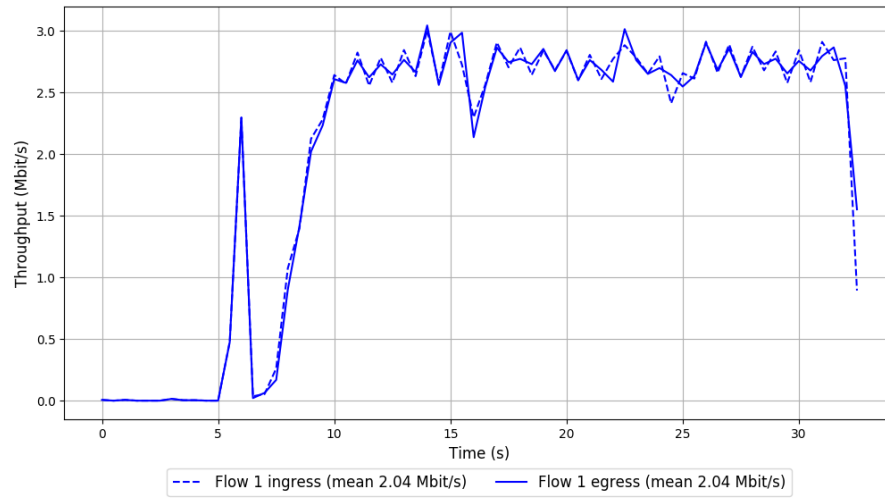
-- Flow 1:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 87.205 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-02-27 16:11:22

End at: 2018-02-27 16:11:52

Local clock offset: -4.519 ms

Remote clock offset: 0.445 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.83 Mbit/s

95th percentile per-packet one-way delay: 88.231 ms

Loss rate: 0.00%

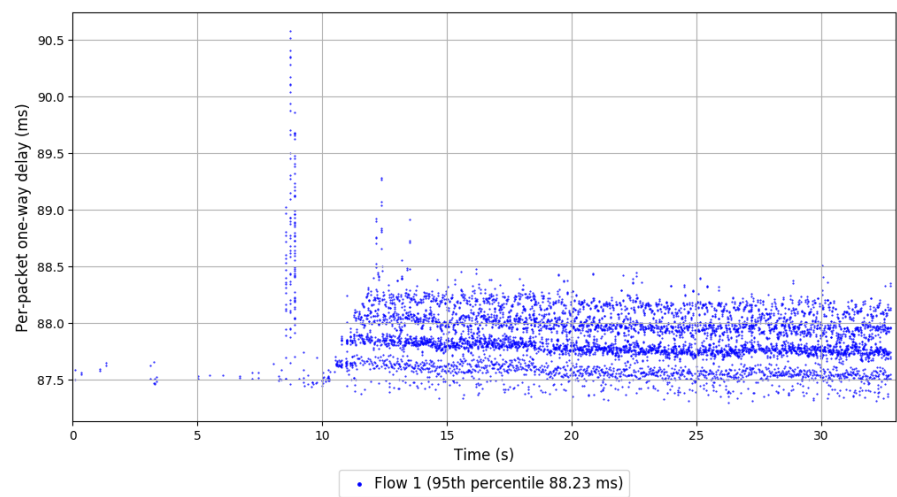
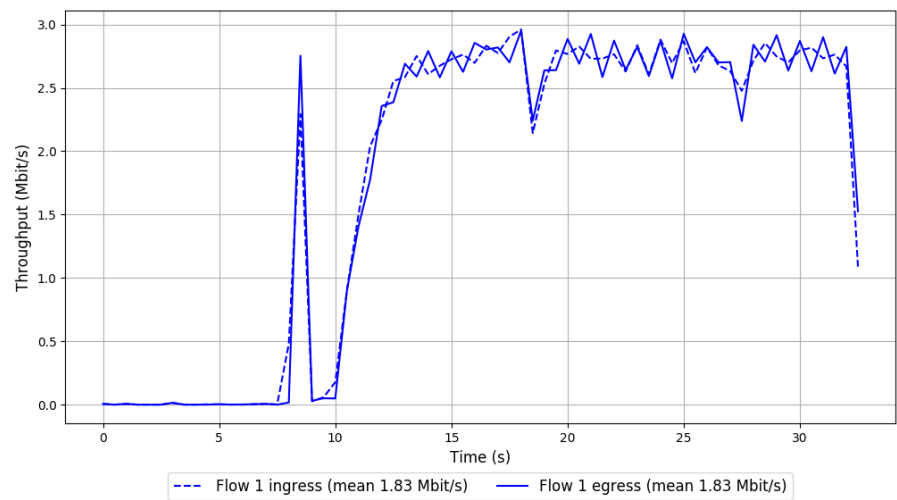
-- Flow 1:

Average throughput: 1.83 Mbit/s

95th percentile per-packet one-way delay: 88.231 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-02-27 16:33:39

End at: 2018-02-27 16:34:09

Local clock offset: -7.602 ms

Remote clock offset: -0.27 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 1.48 Mbit/s

95th percentile per-packet one-way delay: 89.275 ms

Loss rate: 0.00%

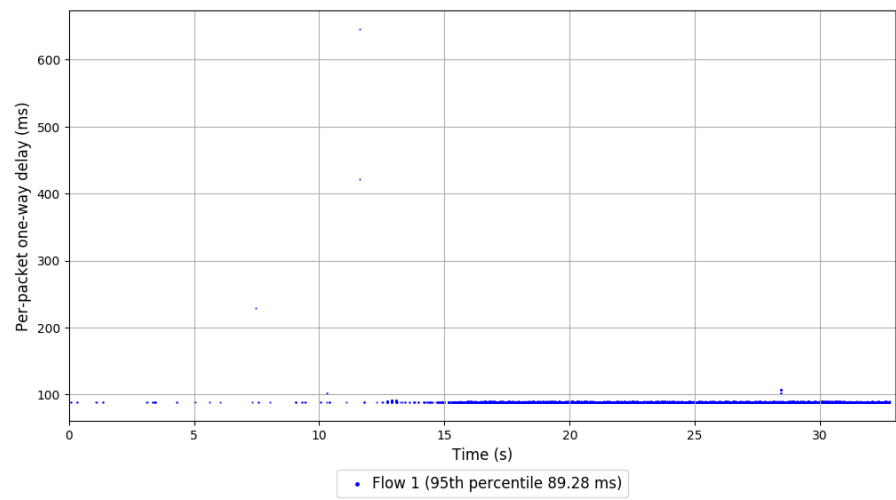
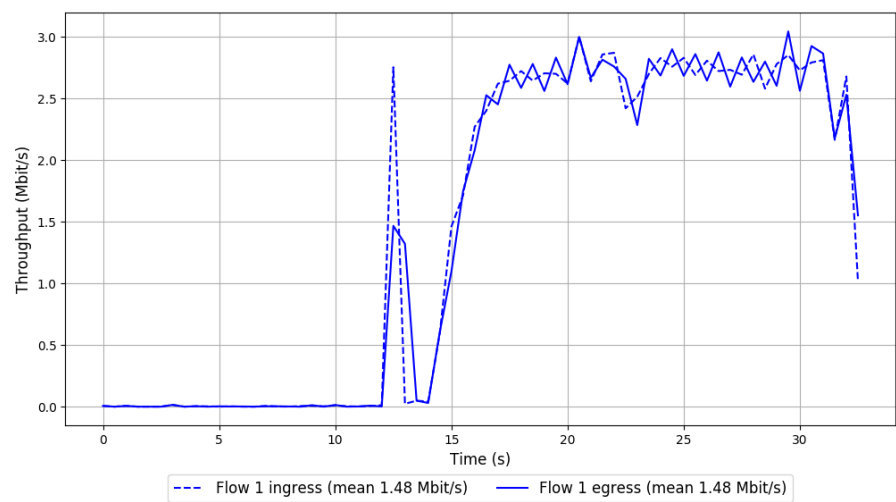
-- Flow 1:

Average throughput: 1.48 Mbit/s

95th percentile per-packet one-way delay: 89.275 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-27 16:55:40

End at: 2018-02-27 16:56:10

Local clock offset: -7.885 ms

Remote clock offset: 0.552 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 88.410 ms

Loss rate: 0.00%

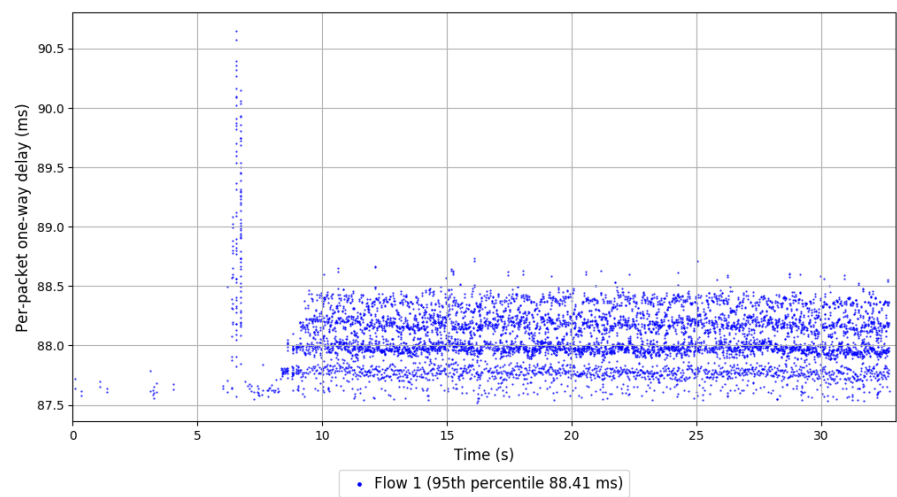
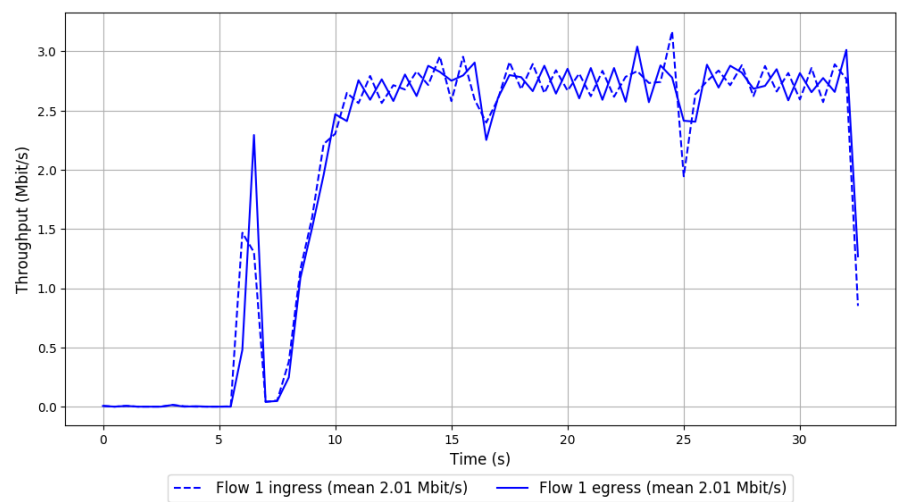
-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 88.410 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

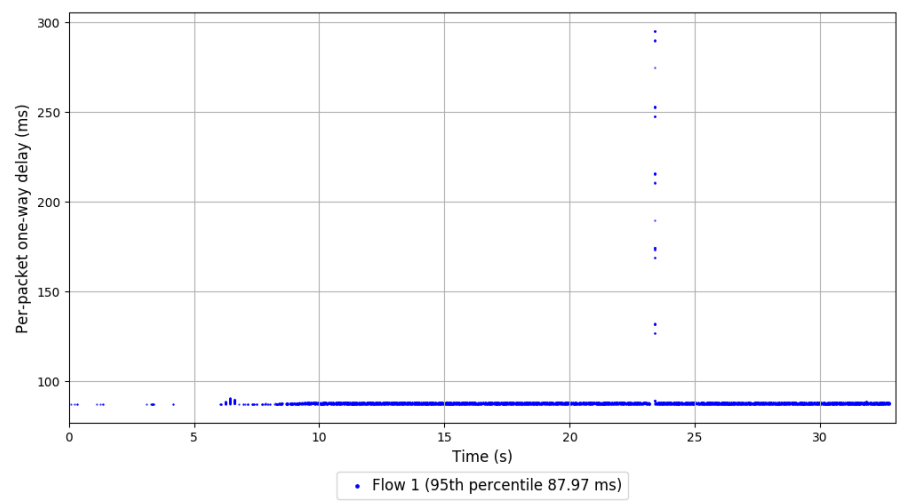
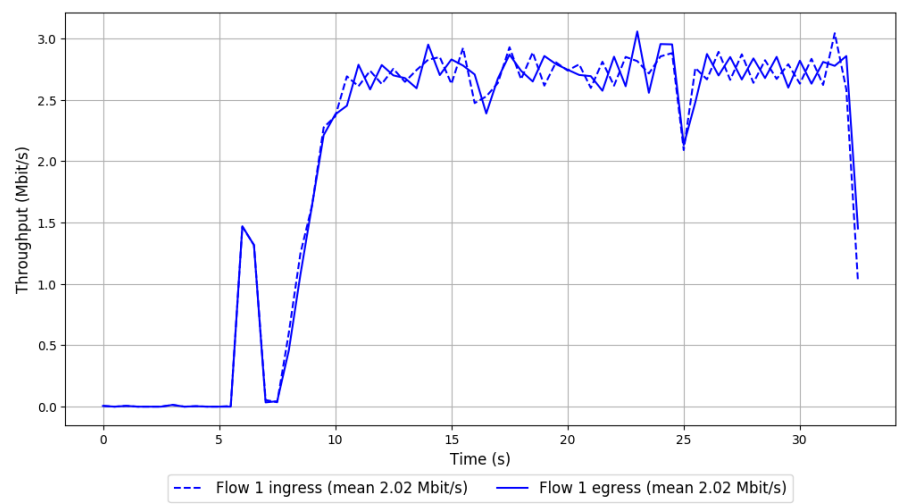


Run 8: Statistics of WebRTC media

Start at: 2018-02-27 17:17:43
End at: 2018-02-27 17:18:13
Local clock offset: -8.427 ms
Remote clock offset: -0.167 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 87.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.02 Mbit/s
95th percentile per-packet one-way delay: 87.966 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

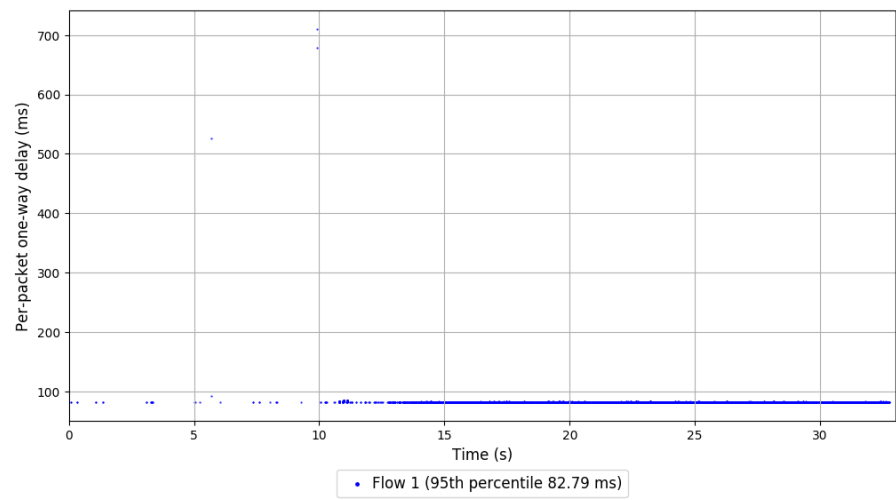
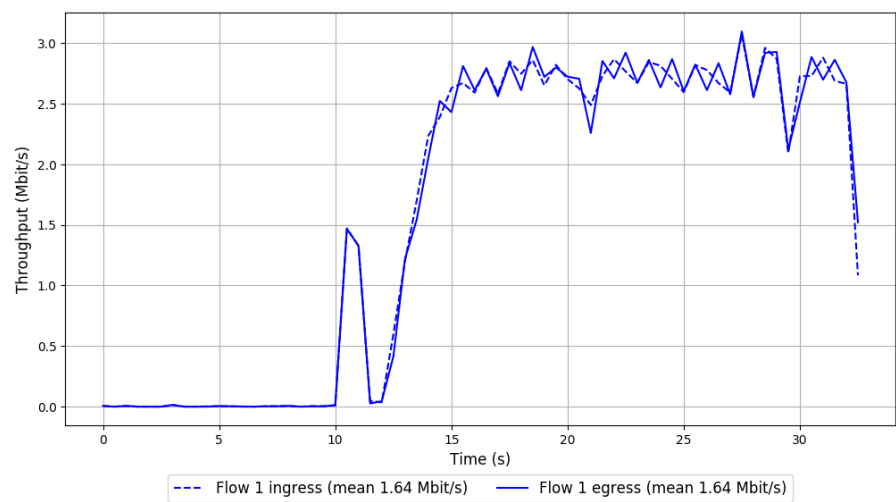


Run 9: Statistics of WebRTC media

Start at: 2018-02-27 17:39:47
End at: 2018-02-27 17:40:17
Local clock offset: -9.103 ms
Remote clock offset: -5.073 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 82.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.64 Mbit/s
95th percentile per-packet one-way delay: 82.790 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-27 18:02:03

End at: 2018-02-27 18:02:33

Local clock offset: -6.411 ms

Remote clock offset: -1.206 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 89.044 ms

Loss rate: 0.00%

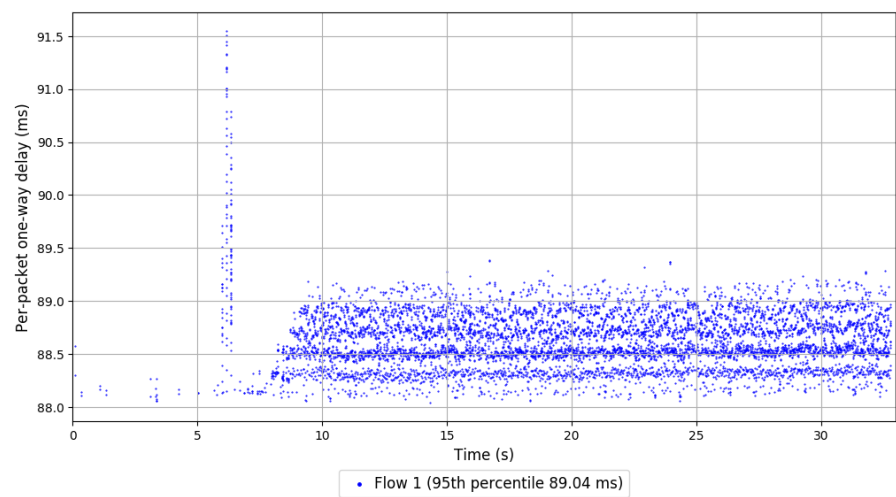
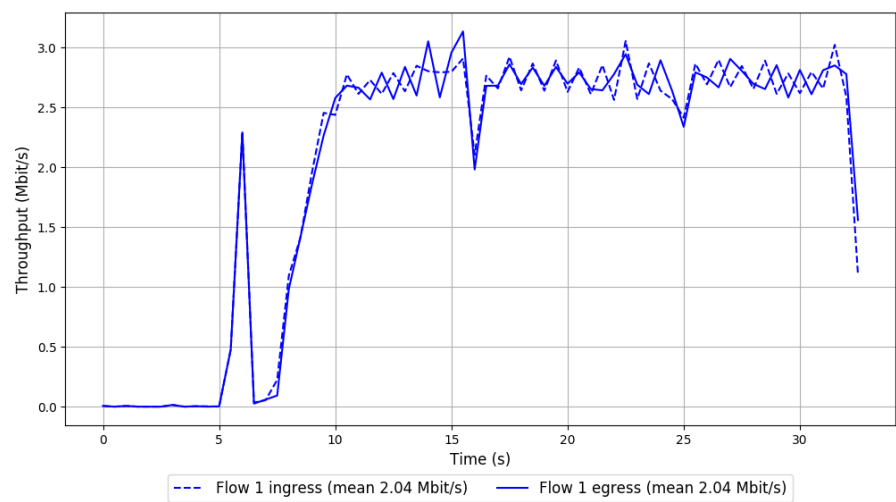
-- Flow 1:

Average throughput: 2.04 Mbit/s

95th percentile per-packet one-way delay: 89.044 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

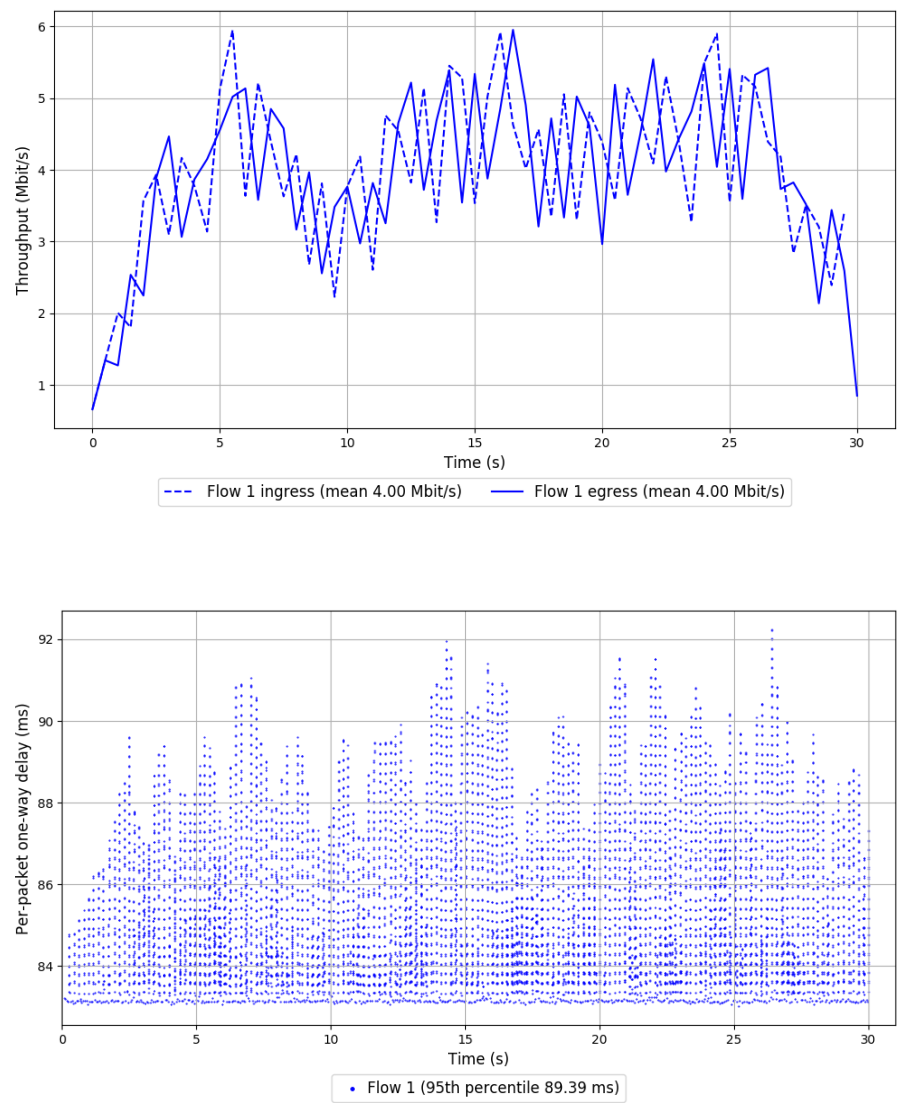


Run 1: Statistics of Sprout

Start at: 2018-02-27 14:43:14
End at: 2018-02-27 14:43:44
Local clock offset: -5.297 ms
Remote clock offset: -5.183 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 89.391 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 89.391 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

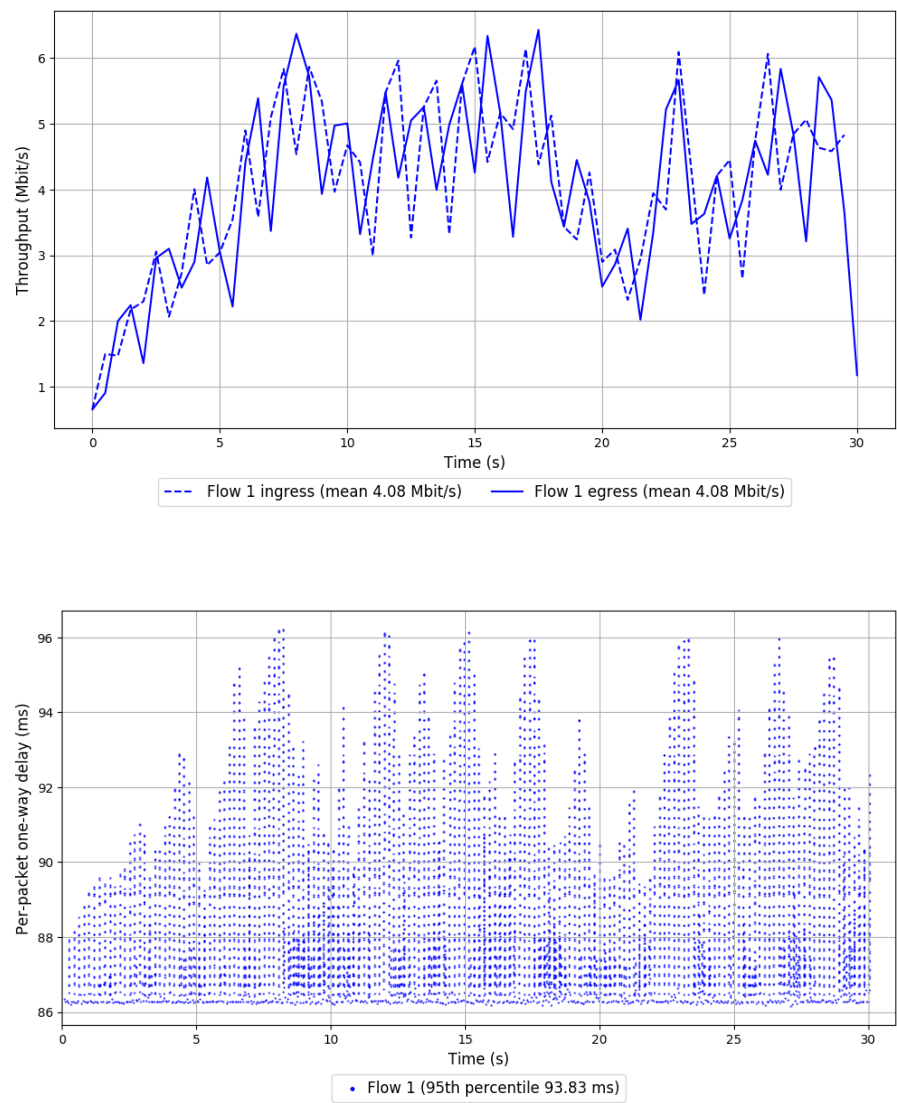


Run 2: Statistics of Sprout

Start at: 2018-02-27 15:05:11
End at: 2018-02-27 15:05:41
Local clock offset: -5.298 ms
Remote clock offset: -0.369 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 93.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.08 Mbit/s
95th percentile per-packet one-way delay: 93.830 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

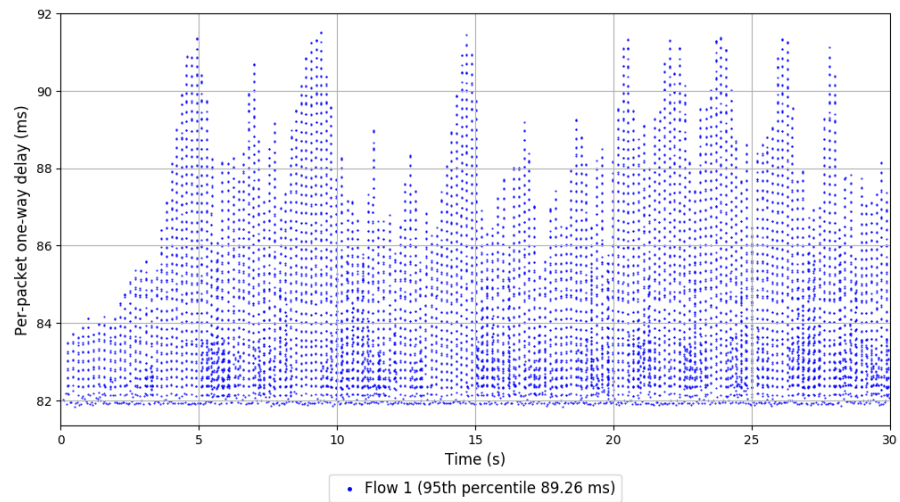
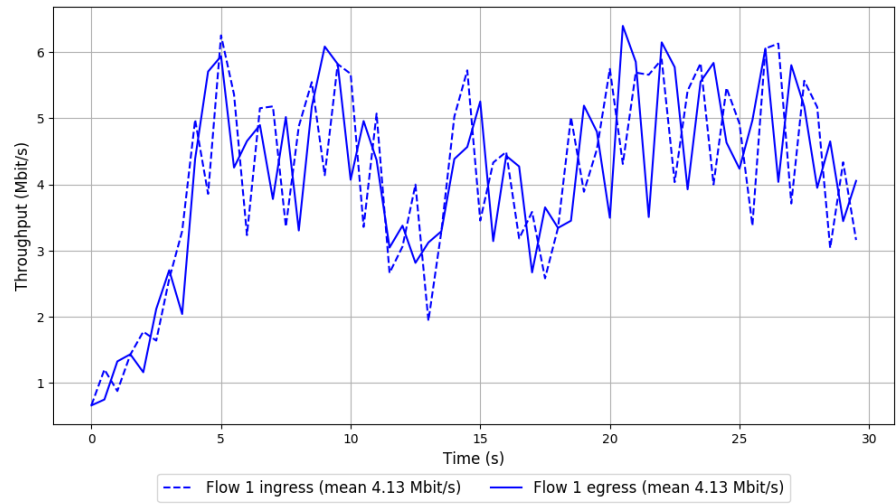


Run 3: Statistics of Sprout

Start at: 2018-02-27 15:27:30
End at: 2018-02-27 15:28:00
Local clock offset: -5.177 ms
Remote clock offset: -4.631 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 89.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 89.260 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

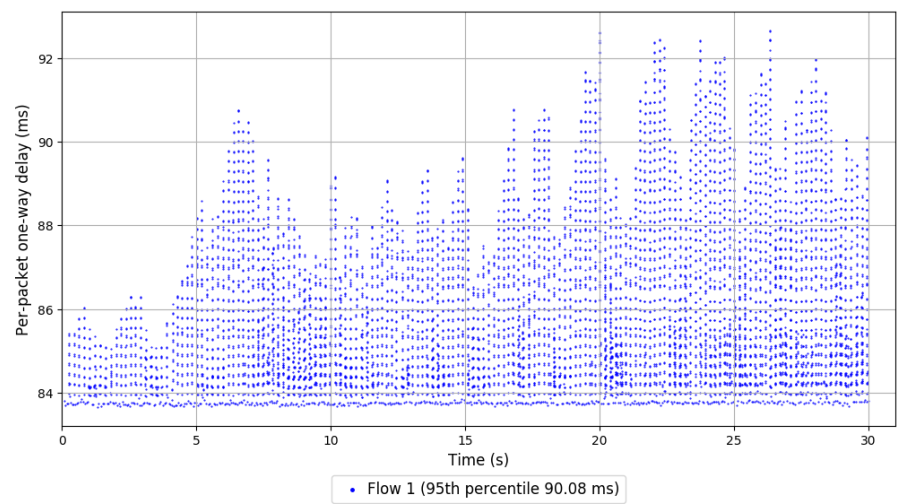
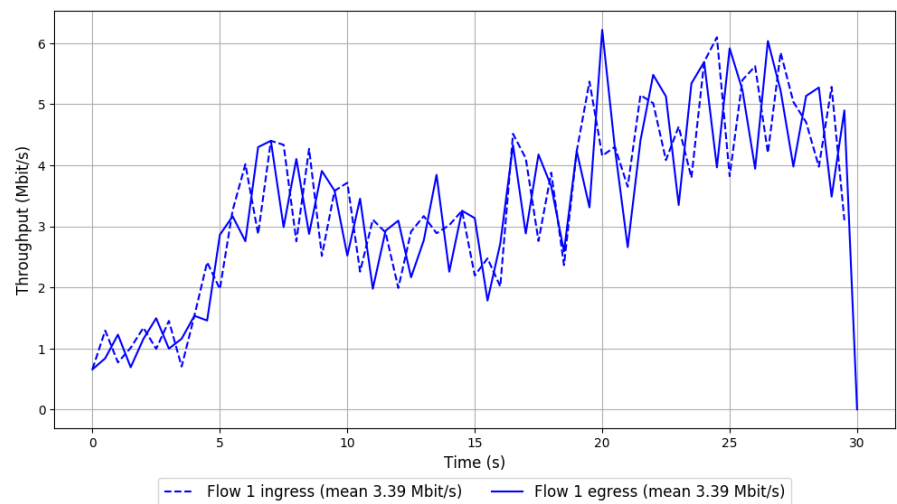


Run 4: Statistics of Sprout

Start at: 2018-02-27 15:50:02
End at: 2018-02-27 15:50:32
Local clock offset: -3.44 ms
Remote clock offset: -4.825 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 90.083 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 90.083 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

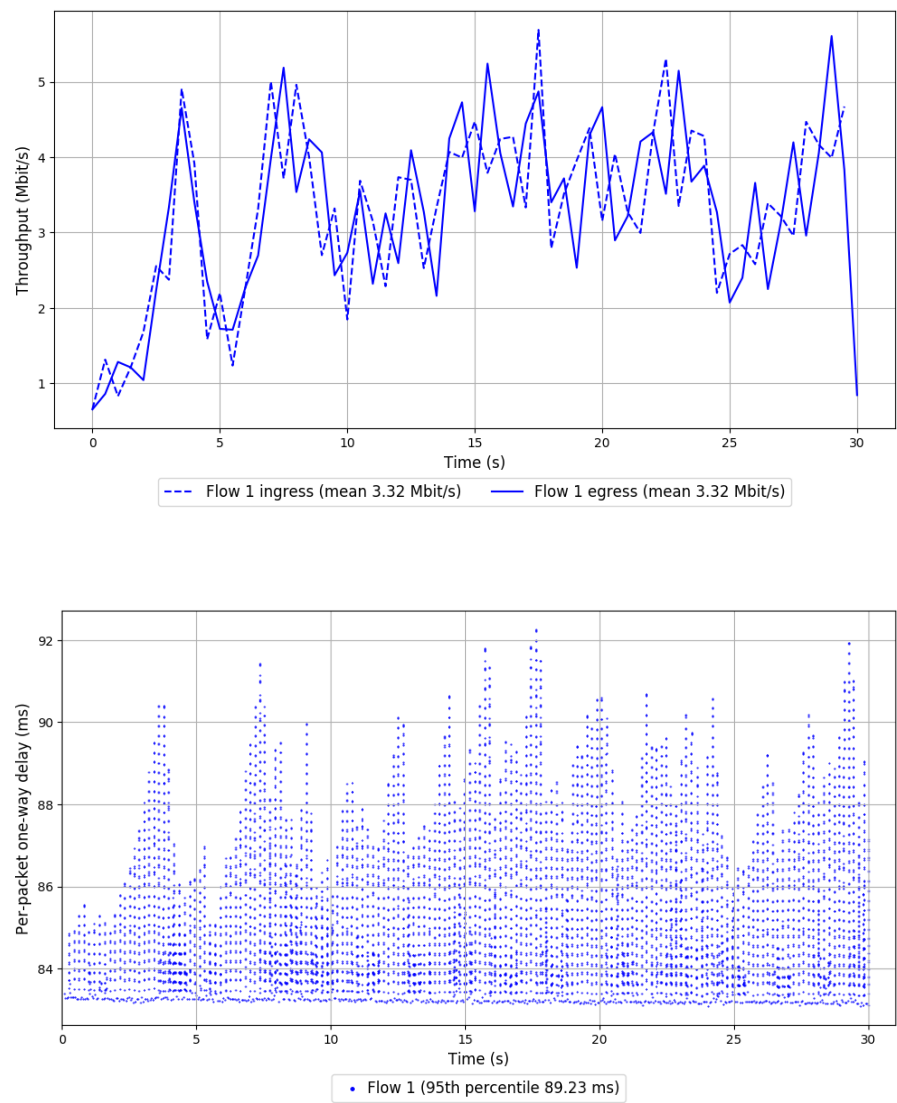


Run 5: Statistics of Sprout

Start at: 2018-02-27 16:12:32
End at: 2018-02-27 16:13:02
Local clock offset: -4.768 ms
Remote clock offset: -5.166 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 89.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 89.227 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

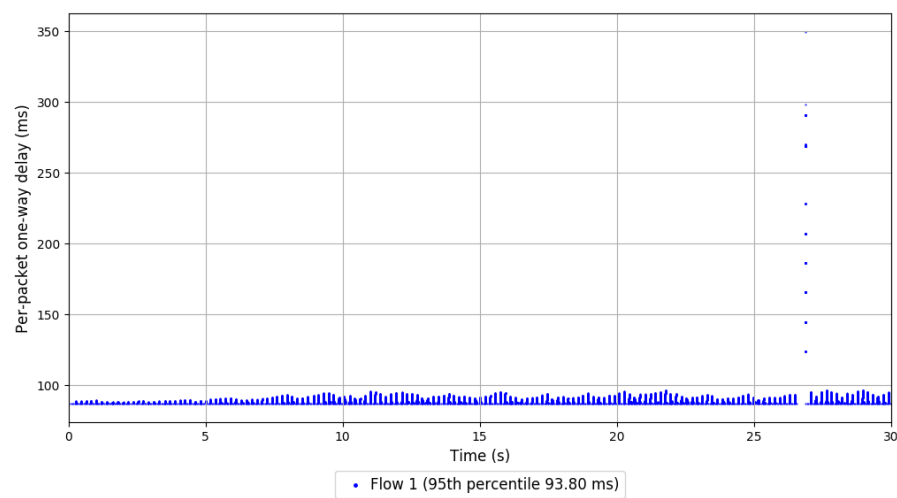
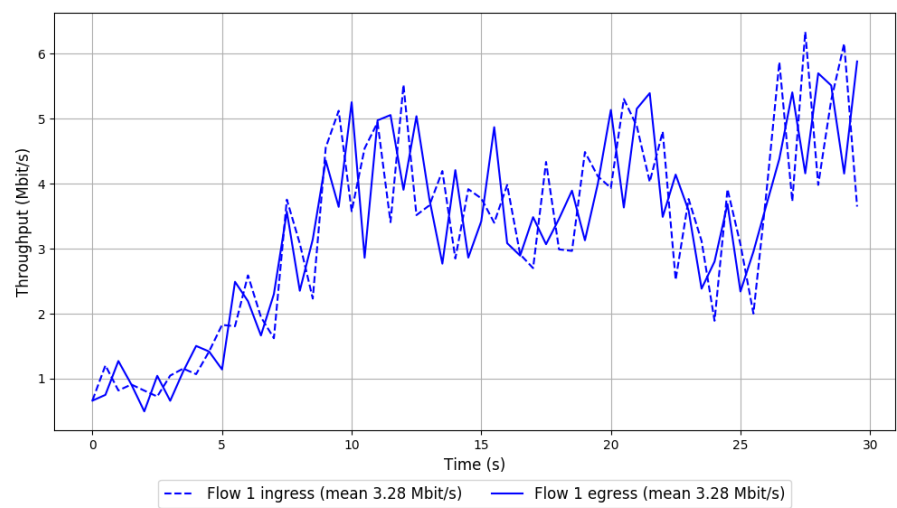


Run 6: Statistics of Sprout

Start at: 2018-02-27 16:34:49
End at: 2018-02-27 16:35:19
Local clock offset: -7.713 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 93.797 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 93.797 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

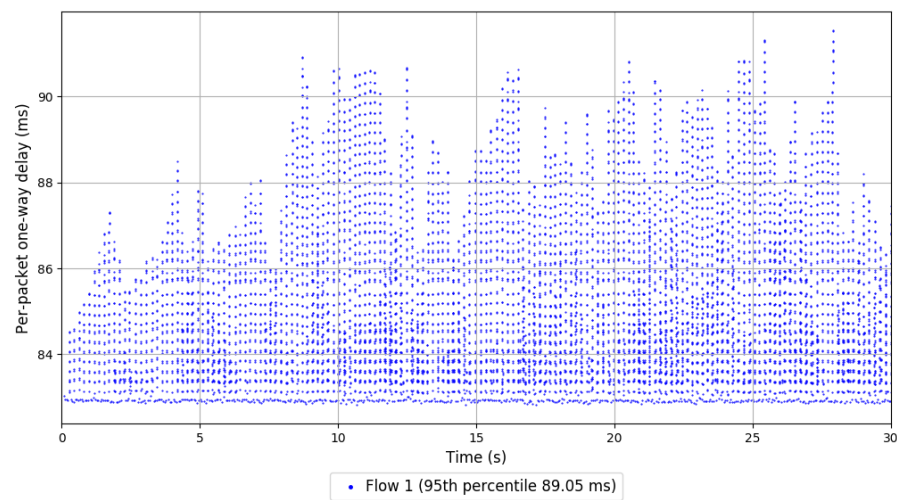
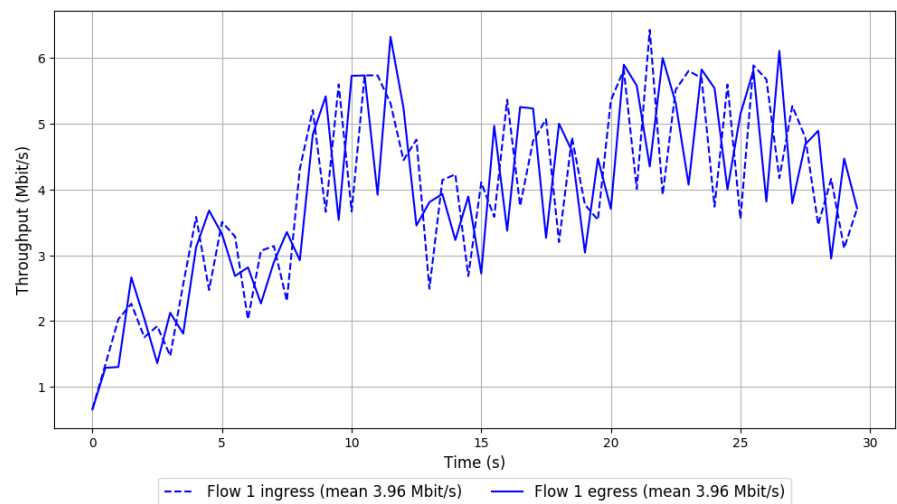


Run 7: Statistics of Sprout

Start at: 2018-02-27 16:56:50
End at: 2018-02-27 16:57:20
Local clock offset: -7.879 ms
Remote clock offset: -5.91 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 89.048 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 89.048 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

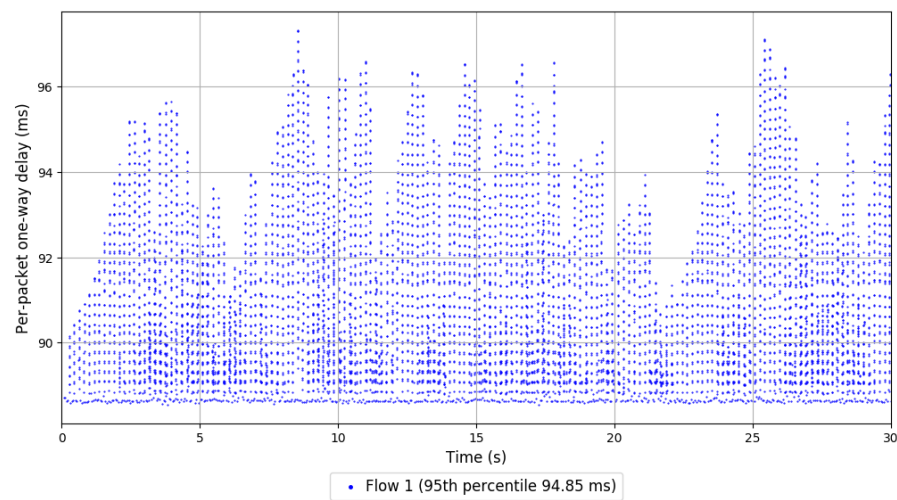
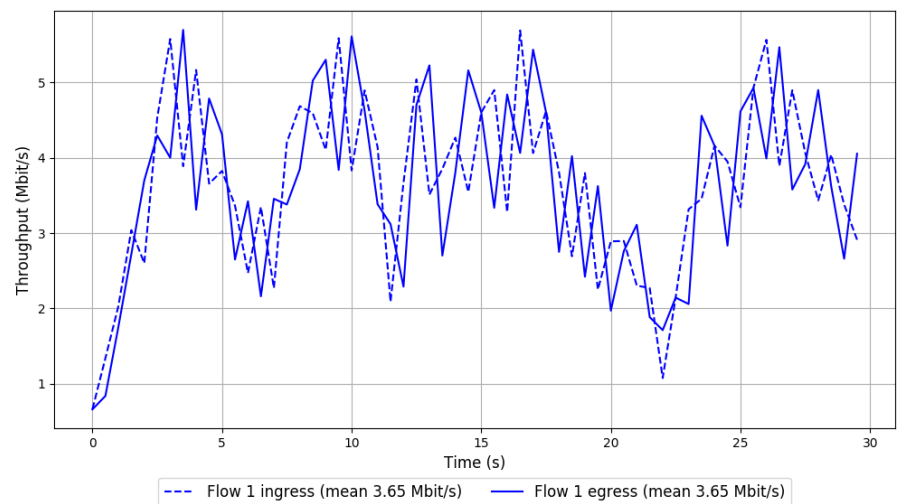


Run 8: Statistics of Sprout

Start at: 2018-02-27 17:18:52
End at: 2018-02-27 17:19:22
Local clock offset: -8.519 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.65 Mbit/s
95th percentile per-packet one-way delay: 94.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 3.65 Mbit/s
95th percentile per-packet one-way delay: 94.854 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-02-27 17:40:57

End at: 2018-02-27 17:41:27

Local clock offset: -9.136 ms

Remote clock offset: -0.33 ms

Below is generated by plot.py at 2018-02-27 18:50:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.54 Mbit/s

95th percentile per-packet one-way delay: 94.089 ms

Loss rate: 0.00%

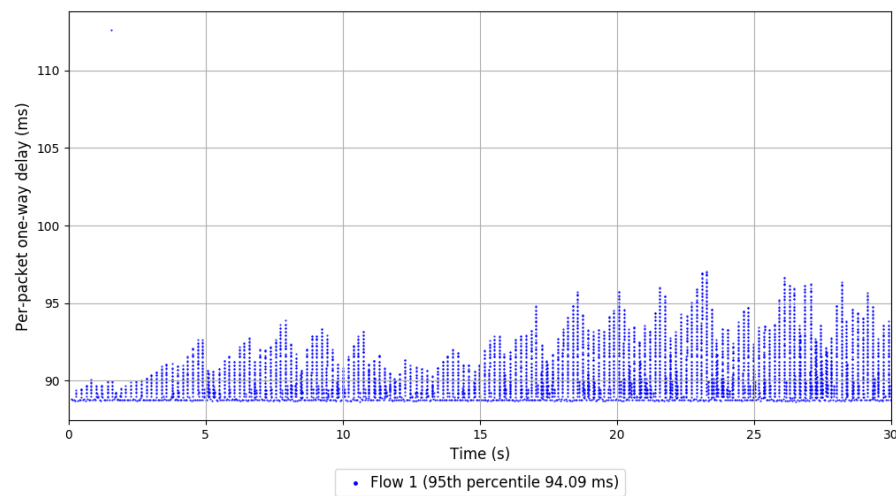
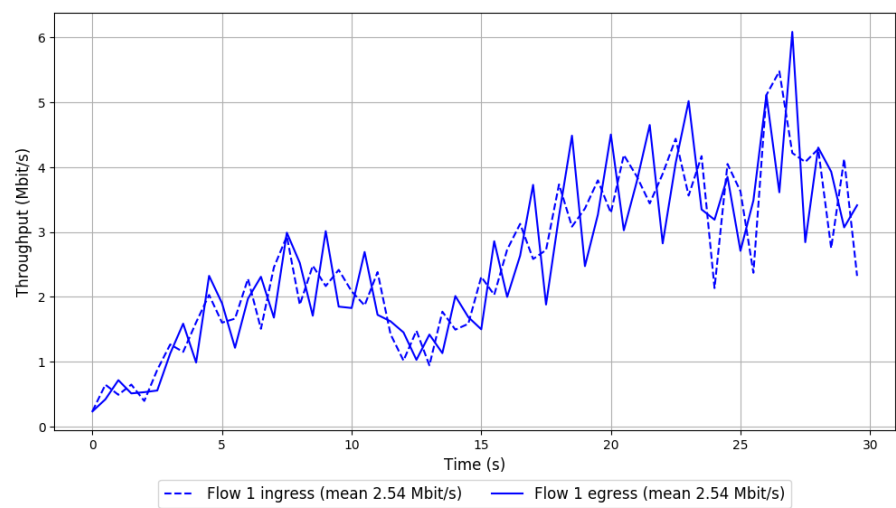
-- Flow 1:

Average throughput: 2.54 Mbit/s

95th percentile per-packet one-way delay: 94.089 ms

Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

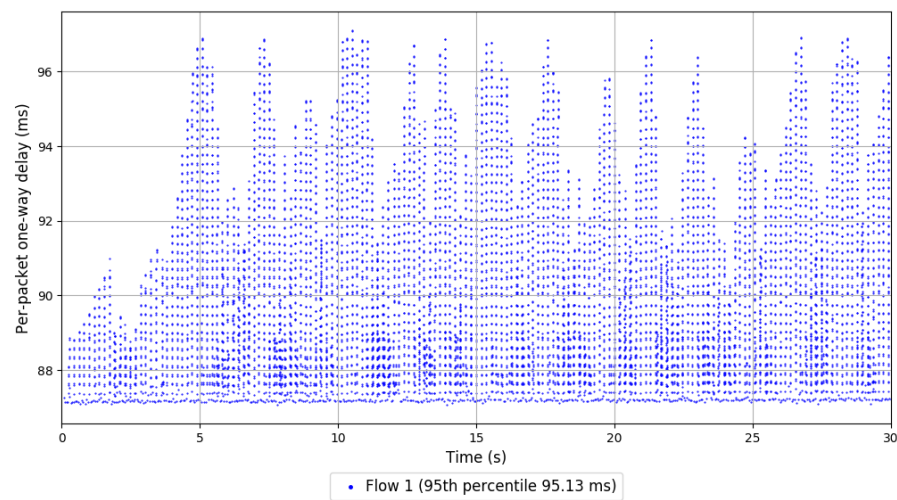
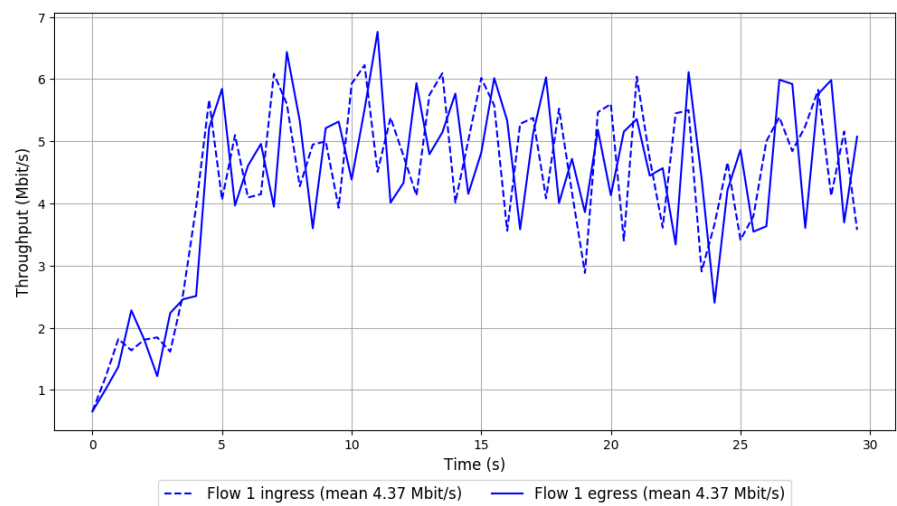


Run 10: Statistics of Sprout

Start at: 2018-02-27 18:03:12
End at: 2018-02-27 18:03:42
Local clock offset: -6.167 ms
Remote clock offset: -0.326 ms

Below is generated by plot.py at 2018-02-27 18:50:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 95.127 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 4.37 Mbit/s
95th percentile per-packet one-way delay: 95.127 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-27 14:44:24

End at: 2018-02-27 14:44:54

Local clock offset: -5.309 ms

Remote clock offset: -5.149 ms

Below is generated by plot.py at 2018-02-27 18:51:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 111.551 ms

Loss rate: 0.77%

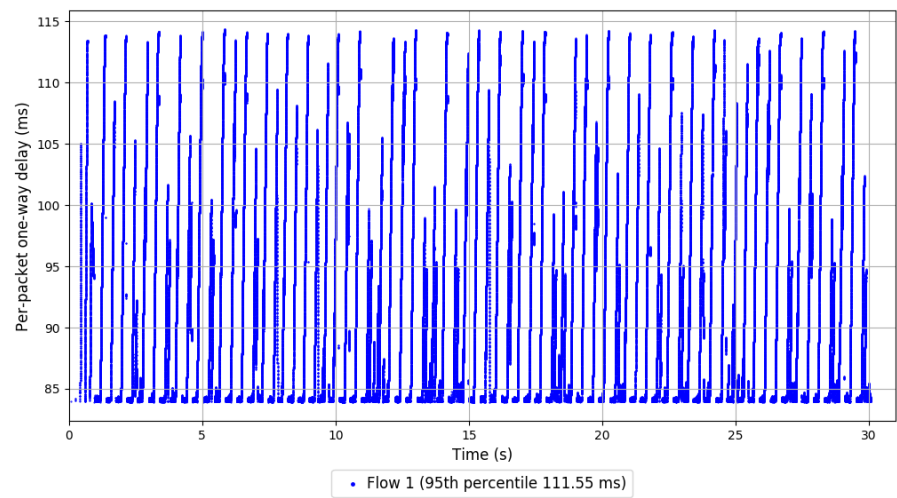
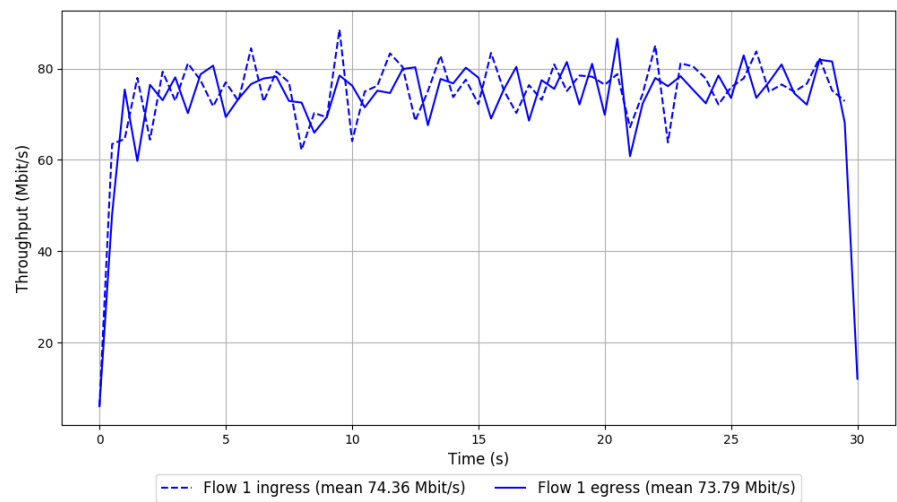
-- Flow 1:

Average throughput: 73.79 Mbit/s

95th percentile per-packet one-way delay: 111.551 ms

Loss rate: 0.77%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-27 15:06:21

End at: 2018-02-27 15:06:51

Local clock offset: -5.306 ms

Remote clock offset: 0.492 ms

Below is generated by plot.py at 2018-02-27 18:51:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.40 Mbit/s

95th percentile per-packet one-way delay: 114.908 ms

Loss rate: 0.71%

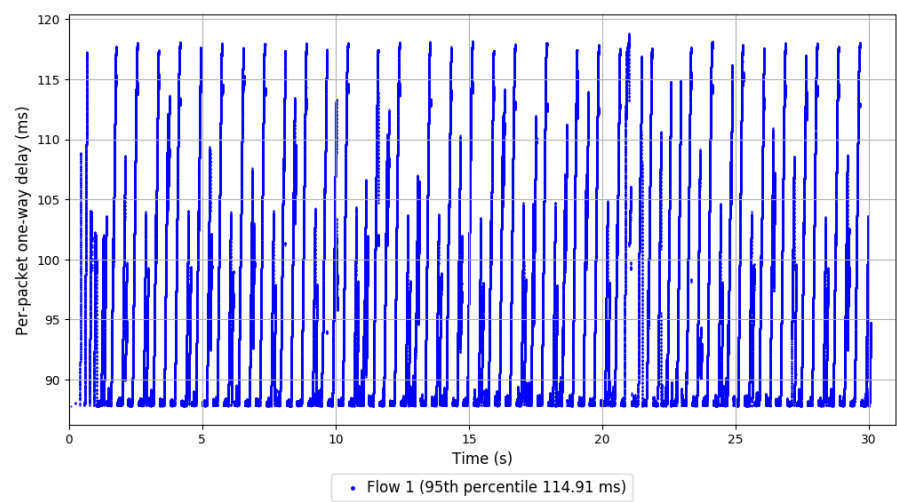
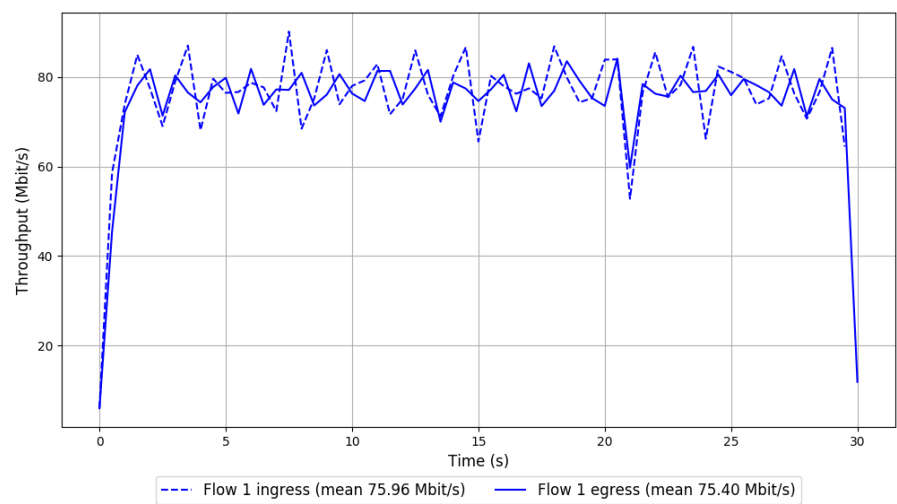
-- Flow 1:

Average throughput: 75.40 Mbit/s

95th percentile per-packet one-way delay: 114.908 ms

Loss rate: 0.71%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-27 15:28:40

End at: 2018-02-27 15:29:10

Local clock offset: -5.197 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2018-02-27 18:51:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.58 Mbit/s

95th percentile per-packet one-way delay: 113.312 ms

Loss rate: 0.62%

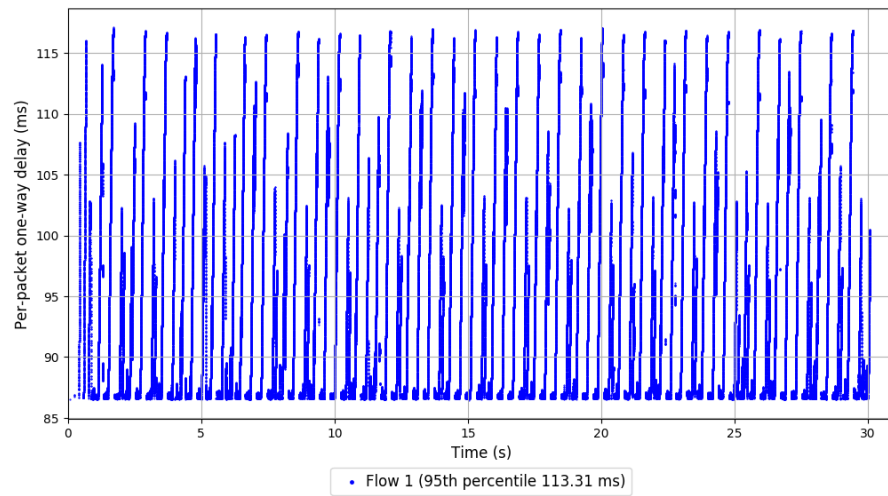
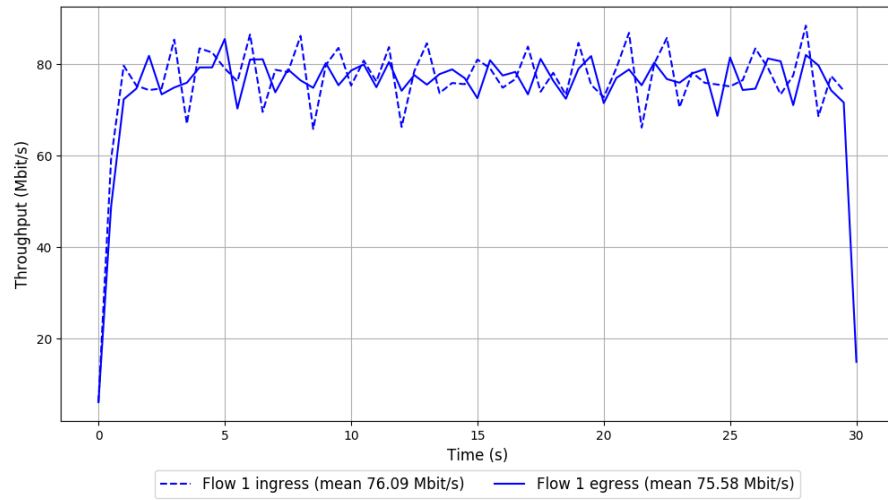
-- Flow 1:

Average throughput: 75.58 Mbit/s

95th percentile per-packet one-way delay: 113.312 ms

Loss rate: 0.62%

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

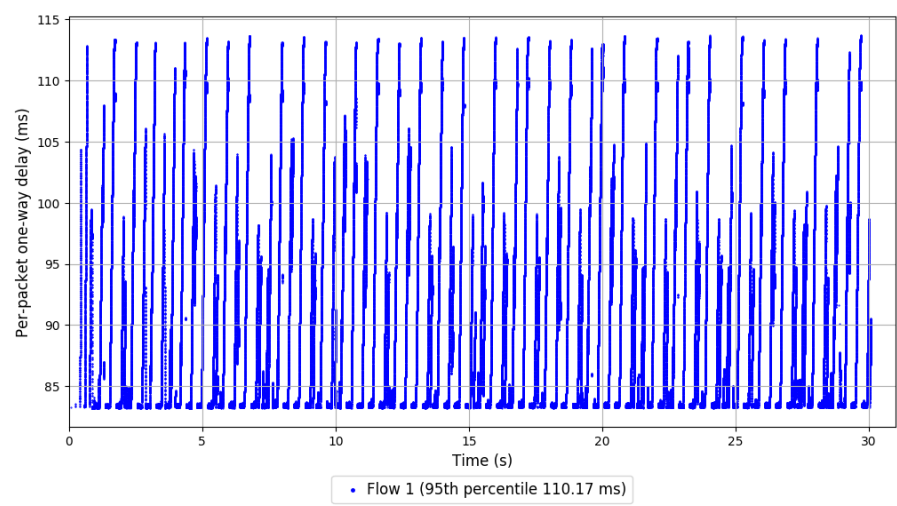
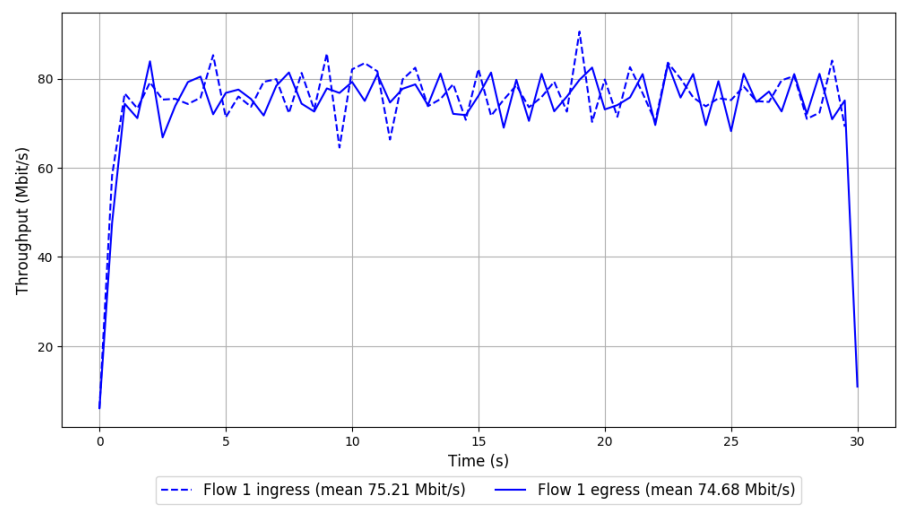


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-27 15:51:12
End at: 2018-02-27 15:51:42
Local clock offset: -3.32 ms
Remote clock offset: -5.768 ms

Below is generated by plot.py at 2018-02-27 18:51:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.68 Mbit/s
95th percentile per-packet one-way delay: 110.165 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 74.68 Mbit/s
95th percentile per-packet one-way delay: 110.165 ms
Loss rate: 0.68%

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

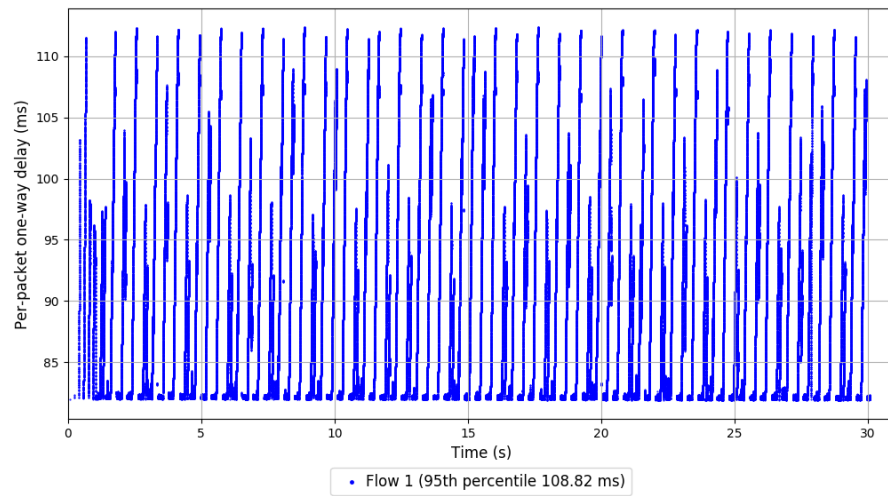
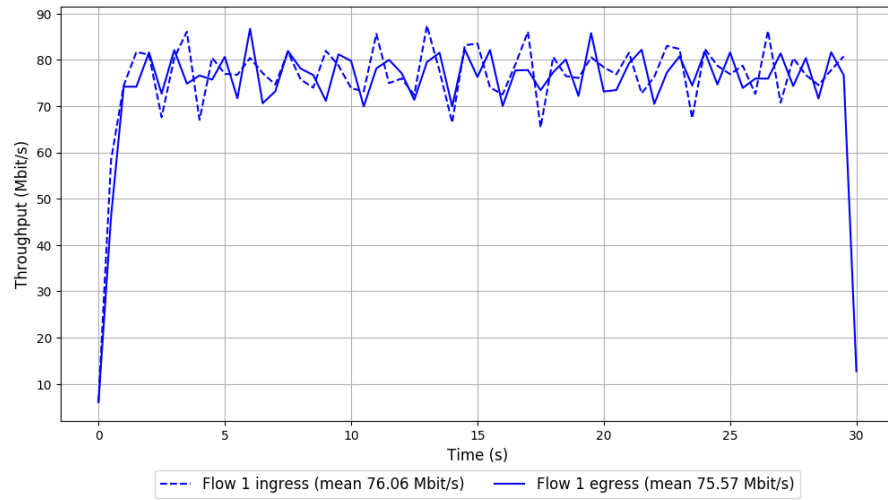


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-27 16:13:42
End at: 2018-02-27 16:14:12
Local clock offset: -5.093 ms
Remote clock offset: -5.151 ms

Below is generated by plot.py at 2018-02-27 18:52:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.57 Mbit/s
95th percentile per-packet one-way delay: 108.816 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 75.57 Mbit/s
95th percentile per-packet one-way delay: 108.816 ms
Loss rate: 0.64%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-27 16:35:59

End at: 2018-02-27 16:36:29

Local clock offset: -7.75 ms

Remote clock offset: -5.028 ms

Below is generated by plot.py at 2018-02-27 18:52:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.20 Mbit/s

95th percentile per-packet one-way delay: 112.432 ms

Loss rate: 0.81%

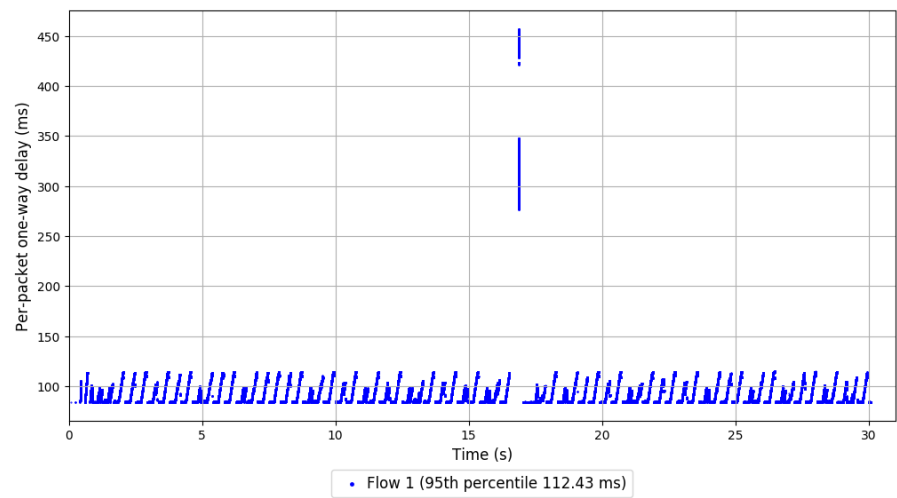
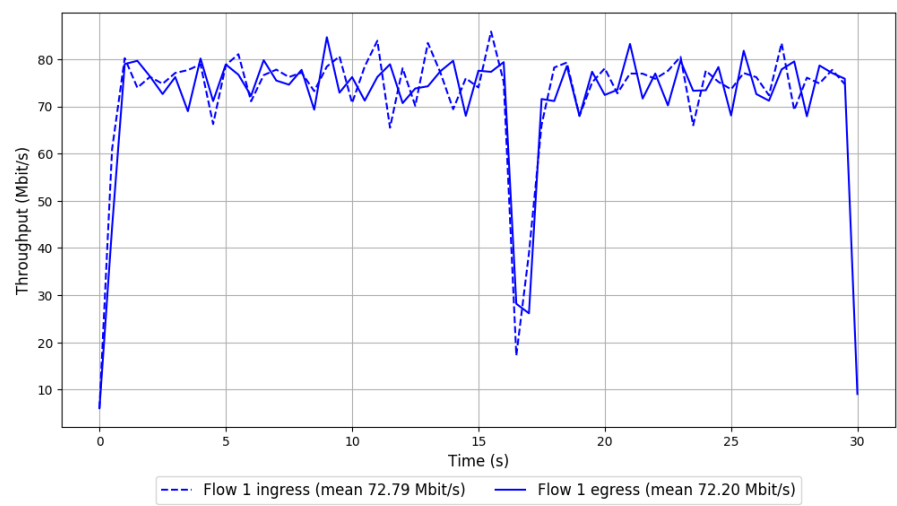
-- Flow 1:

Average throughput: 72.20 Mbit/s

95th percentile per-packet one-way delay: 112.432 ms

Loss rate: 0.81%

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

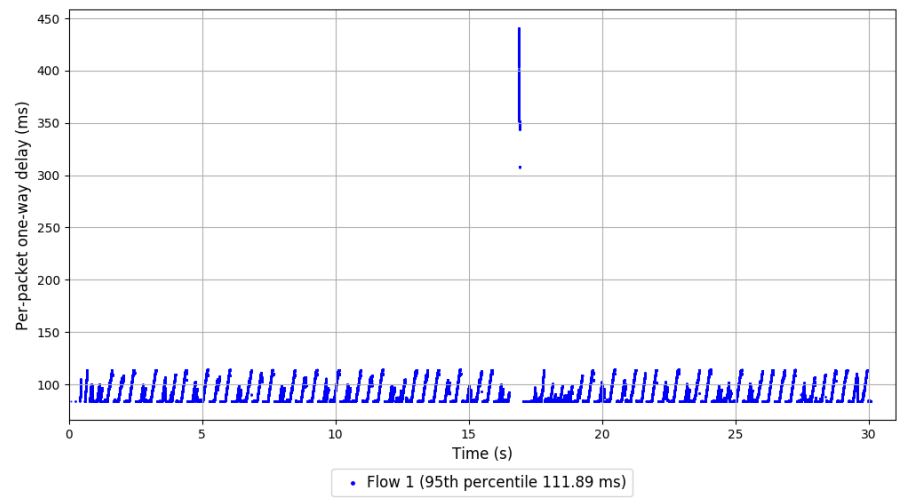
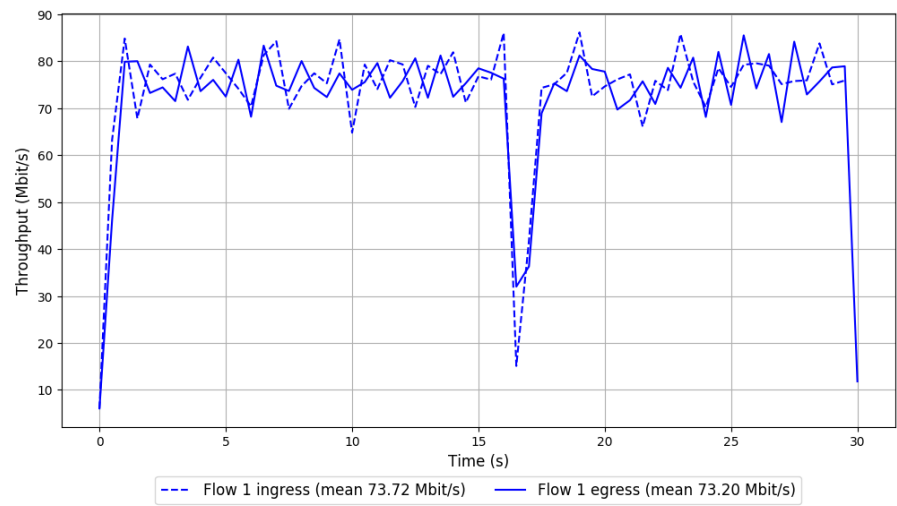


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-27 16:58:00
End at: 2018-02-27 16:58:30
Local clock offset: -7.861 ms
Remote clock offset: -5.031 ms

Below is generated by plot.py at 2018-02-27 18:52:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.20 Mbit/s
95th percentile per-packet one-way delay: 111.886 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 73.20 Mbit/s
95th percentile per-packet one-way delay: 111.886 ms
Loss rate: 0.71%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-27 17:20:02

End at: 2018-02-27 17:20:32

Local clock offset: -8.486 ms

Remote clock offset: -5.88 ms

Below is generated by plot.py at 2018-02-27 18:52:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.13 Mbit/s

95th percentile per-packet one-way delay: 108.146 ms

Loss rate: 0.68%

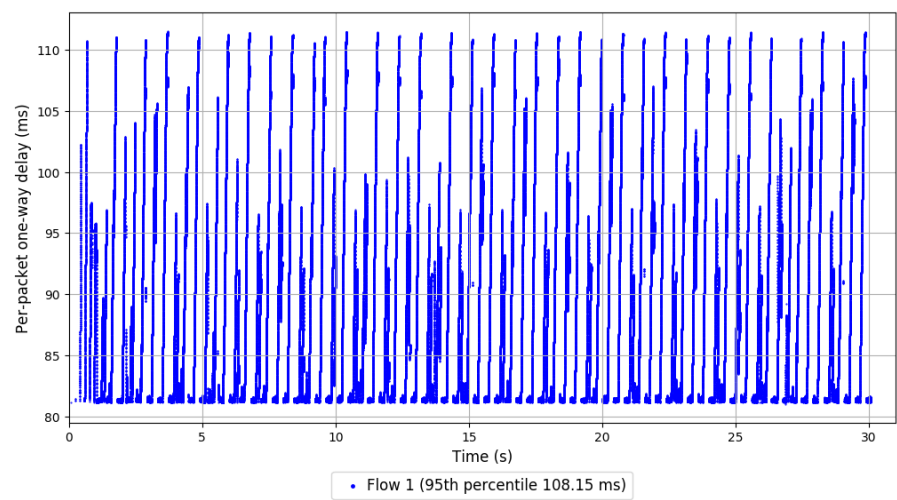
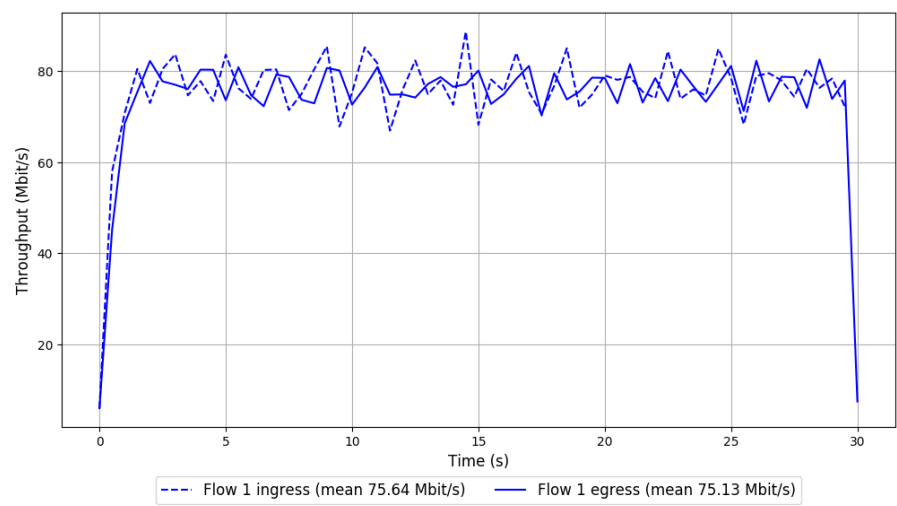
-- Flow 1:

Average throughput: 75.13 Mbit/s

95th percentile per-packet one-way delay: 108.146 ms

Loss rate: 0.68%

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

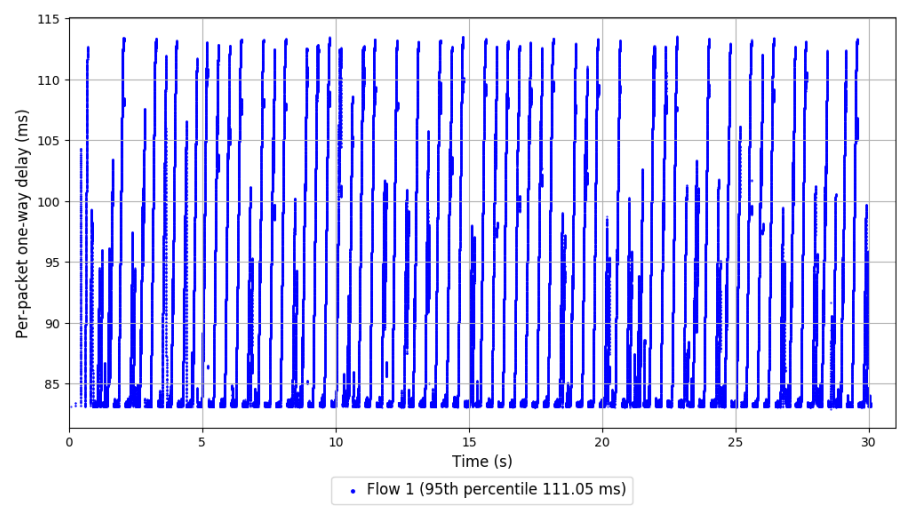
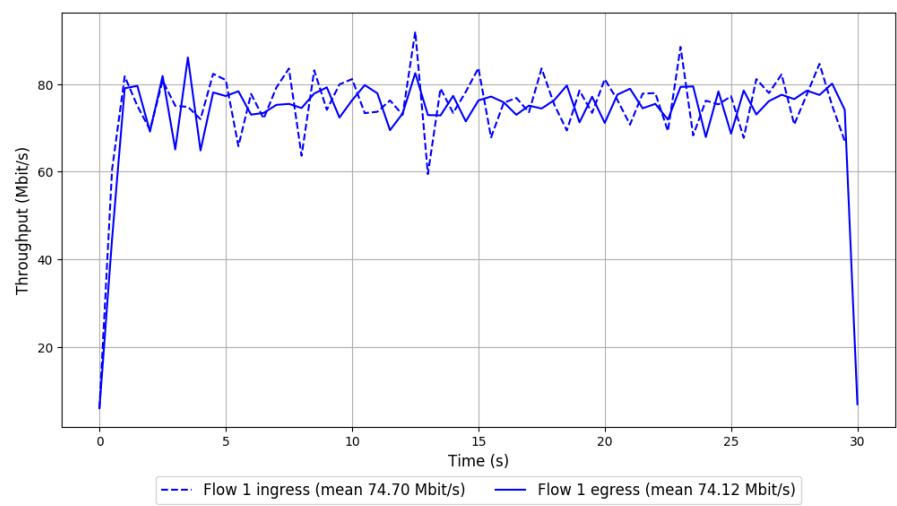


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-27 17:42:07
End at: 2018-02-27 17:42:37
Local clock offset: -9.186 ms
Remote clock offset: -6.046 ms

Below is generated by plot.py at 2018-02-27 18:53:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.12 Mbit/s
95th percentile per-packet one-way delay: 111.049 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 74.12 Mbit/s
95th percentile per-packet one-way delay: 111.049 ms
Loss rate: 0.78%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-27 18:04:22

End at: 2018-02-27 18:04:52

Local clock offset: -6.076 ms

Remote clock offset: -6.0 ms

Below is generated by plot.py at 2018-02-27 18:54:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.24 Mbit/s

95th percentile per-packet one-way delay: 108.696 ms

Loss rate: 0.73%

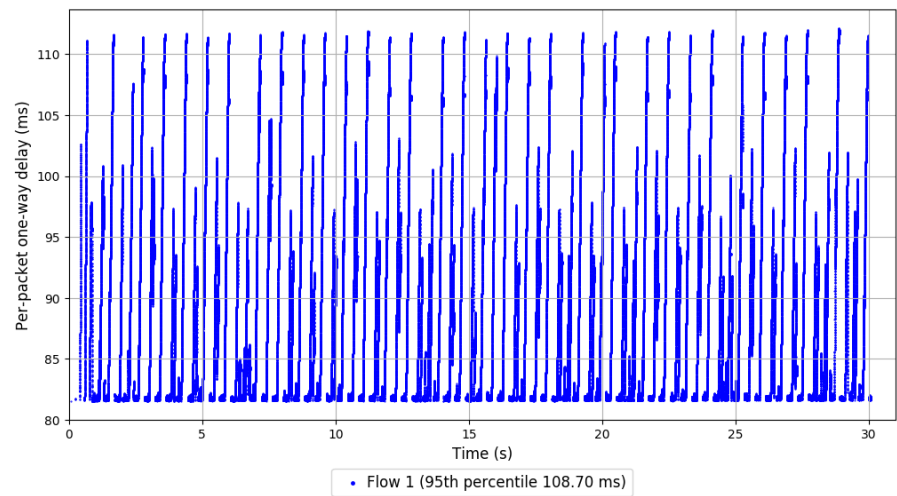
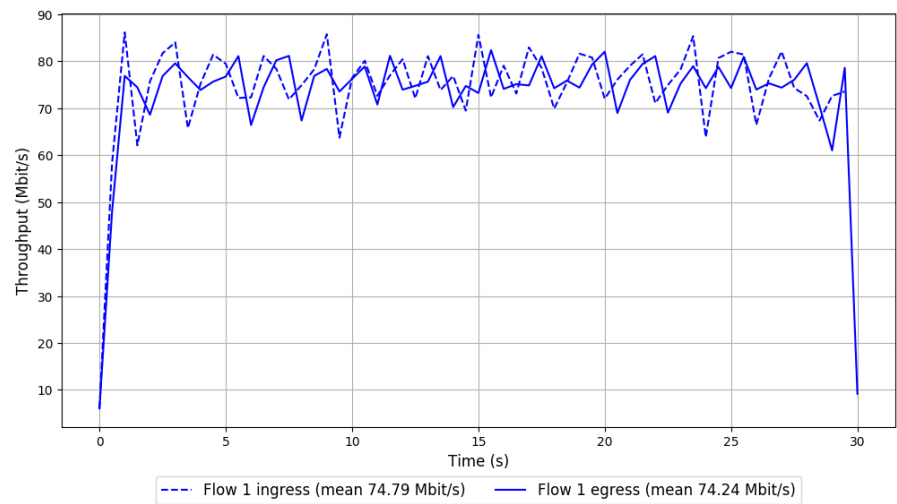
-- Flow 1:

Average throughput: 74.24 Mbit/s

95th percentile per-packet one-way delay: 108.696 ms

Loss rate: 0.73%

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

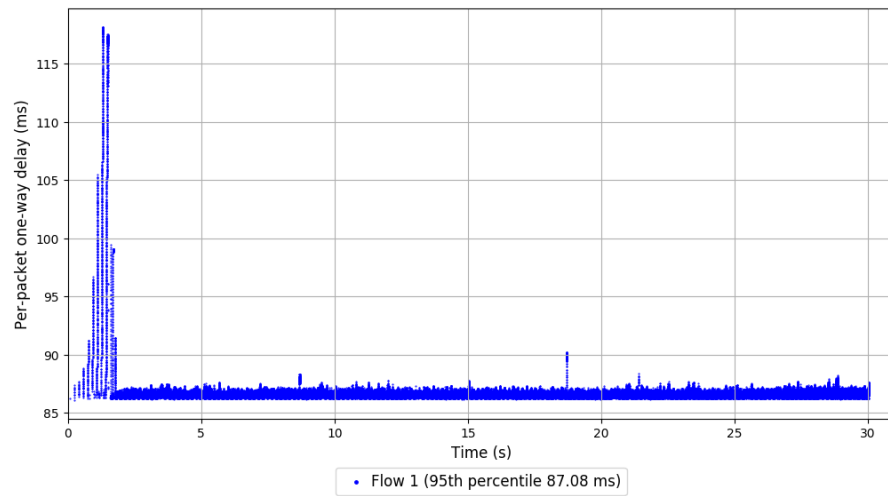
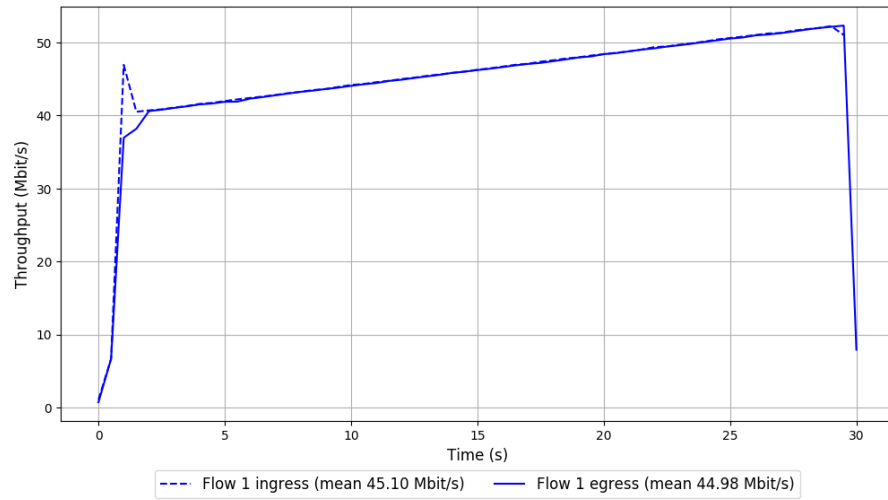


Run 1: Statistics of TCP Vegas

Start at: 2018-02-27 14:40:52
End at: 2018-02-27 14:41:22
Local clock offset: -5.402 ms
Remote clock offset: -1.154 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 87.075 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 87.075 ms
Loss rate: 0.27%

Run 1: Report of TCP Vegas — Data Link

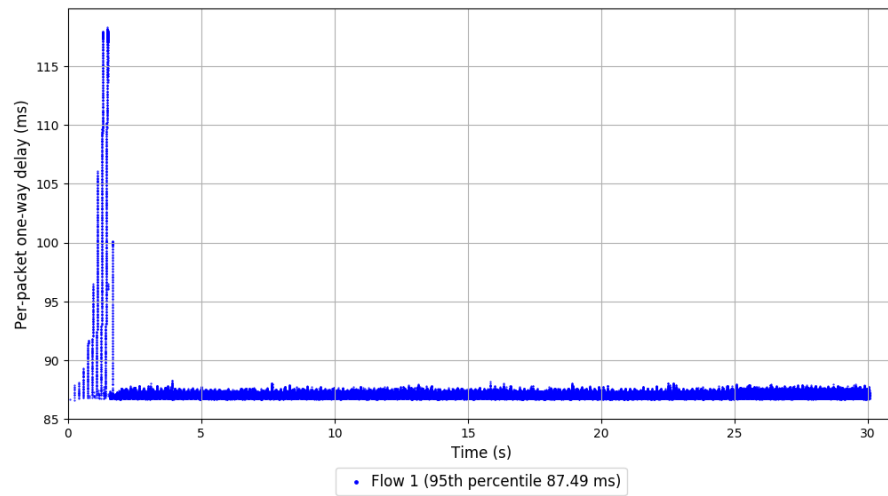
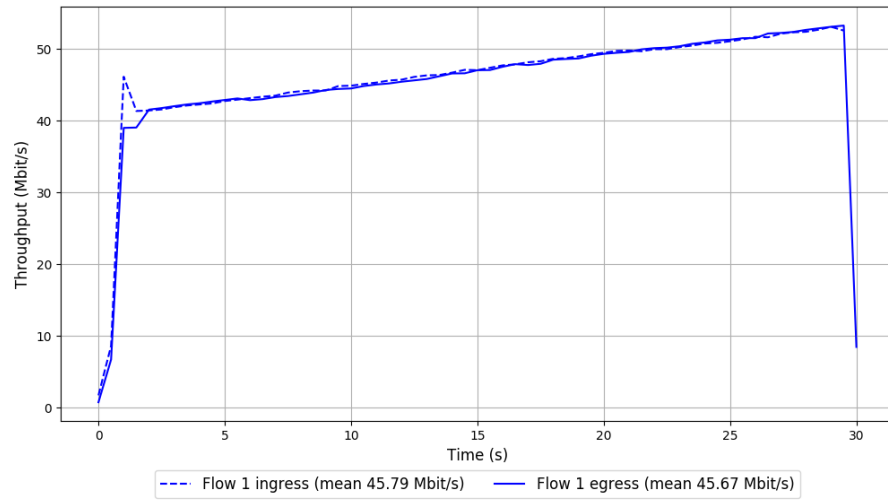


Run 2: Statistics of TCP Vegas

Start at: 2018-02-27 15:02:49
End at: 2018-02-27 15:03:19
Local clock offset: -5.201 ms
Remote clock offset: -0.276 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 87.490 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 45.67 Mbit/s
95th percentile per-packet one-way delay: 87.490 ms
Loss rate: 0.27%

Run 2: Report of TCP Vegas — Data Link

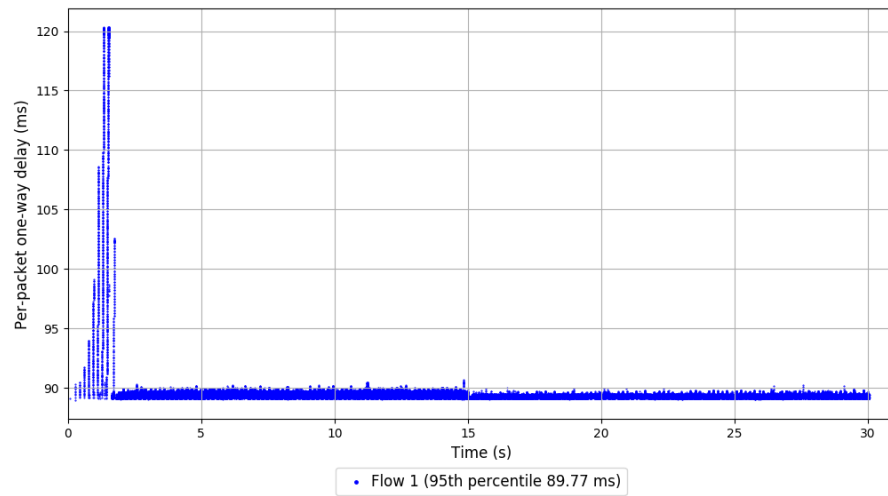
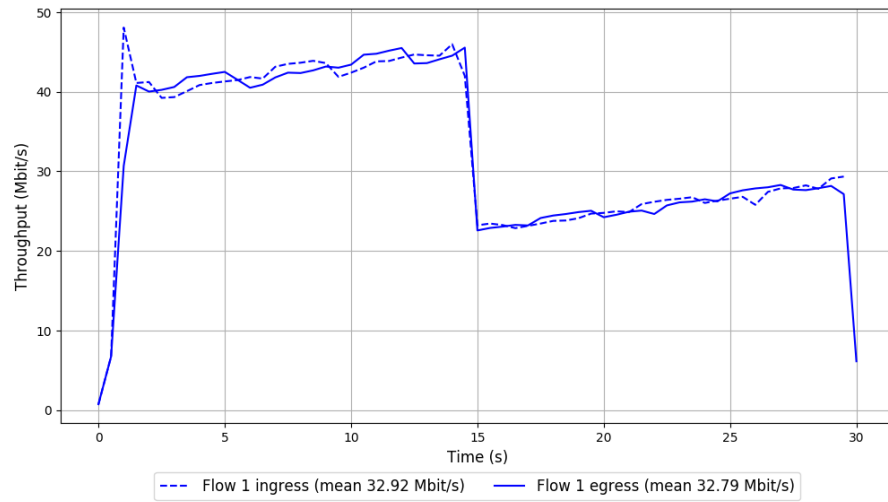


Run 3: Statistics of TCP Vegas

Start at: 2018-02-27 15:25:09
End at: 2018-02-27 15:25:39
Local clock offset: -5.296 ms
Remote clock offset: 0.285 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 89.770 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 89.770 ms
Loss rate: 0.38%

Run 3: Report of TCP Vegas — Data Link

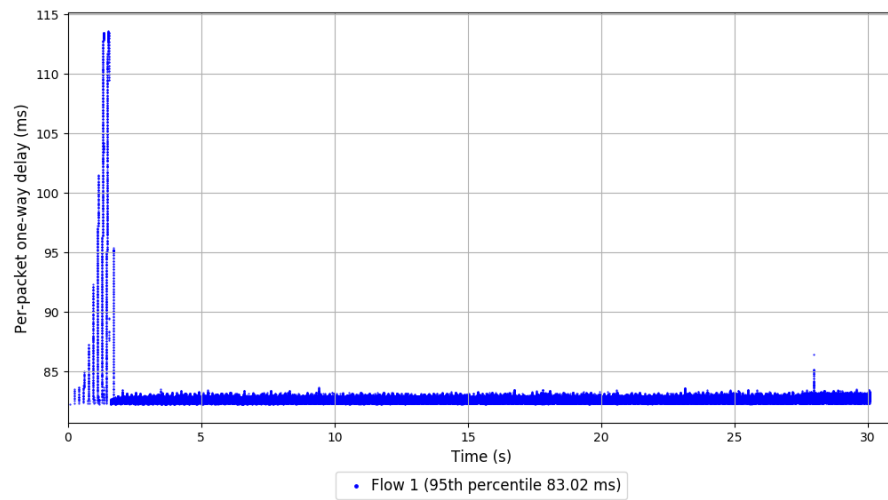
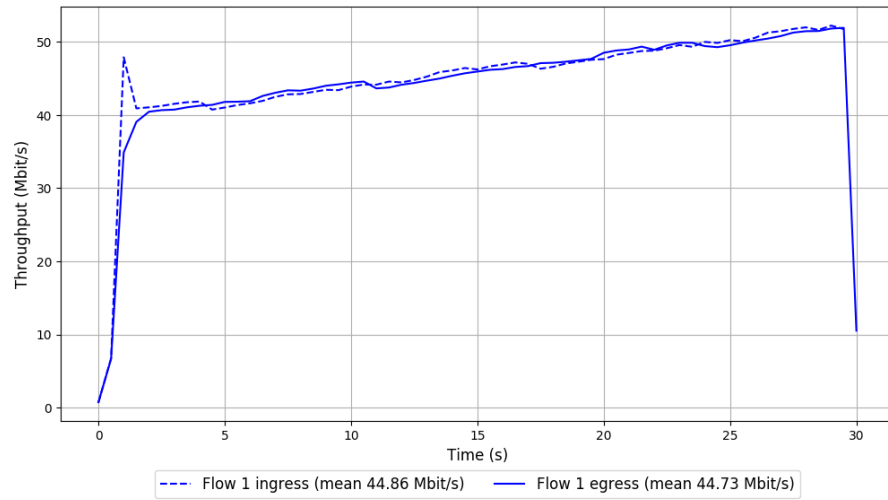


Run 4: Statistics of TCP Vegas

Start at: 2018-02-27 15:47:28
End at: 2018-02-27 15:47:58
Local clock offset: -3.629 ms
Remote clock offset: -4.828 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 83.020 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 44.73 Mbit/s
95th percentile per-packet one-way delay: 83.020 ms
Loss rate: 0.27%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-02-27 16:10:10

End at: 2018-02-27 16:10:40

Local clock offset: -4.126 ms

Remote clock offset: -5.17 ms

Below is generated by plot.py at 2018-02-27 18:54:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.25 Mbit/s

95th percentile per-packet one-way delay: 84.245 ms

Loss rate: 0.28%

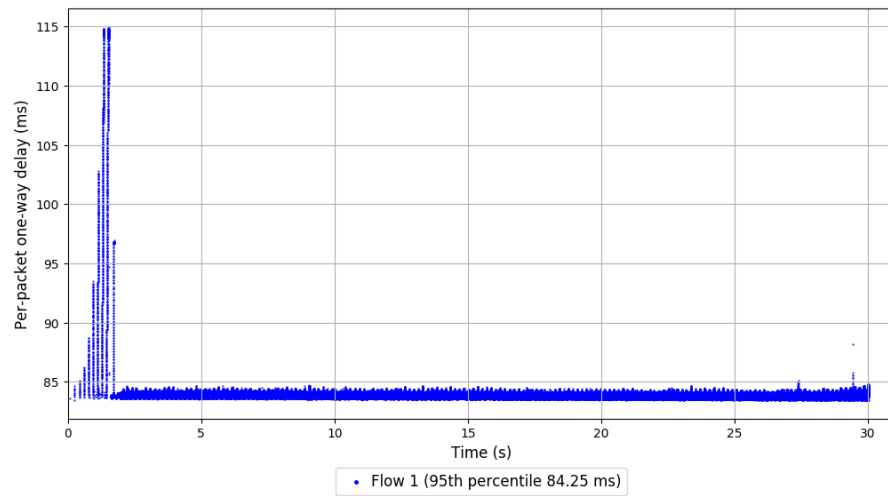
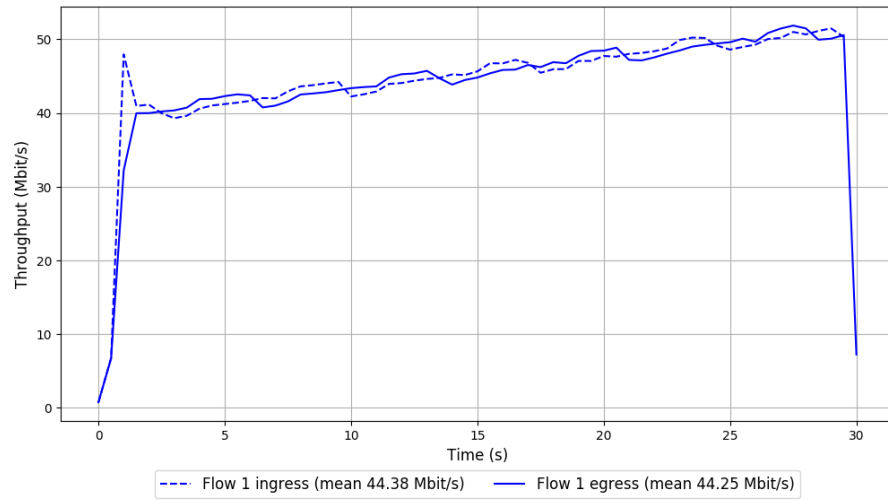
-- Flow 1:

Average throughput: 44.25 Mbit/s

95th percentile per-packet one-way delay: 84.245 ms

Loss rate: 0.28%

Run 5: Report of TCP Vegas — Data Link

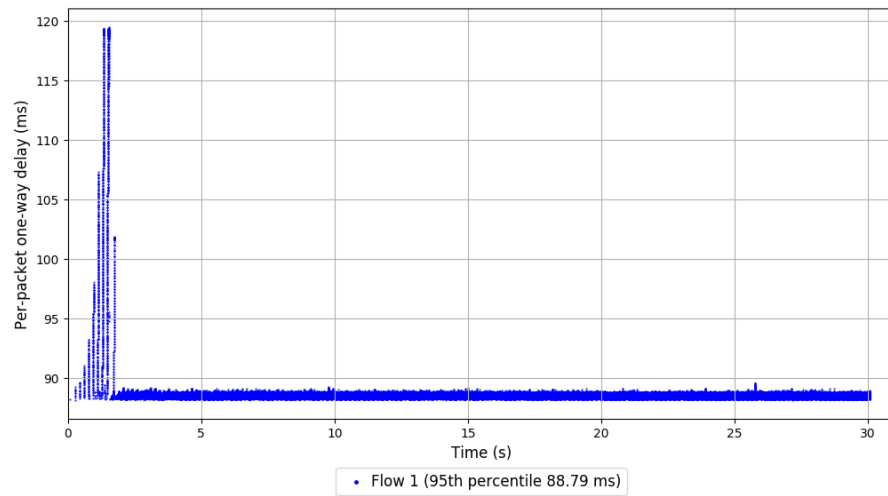
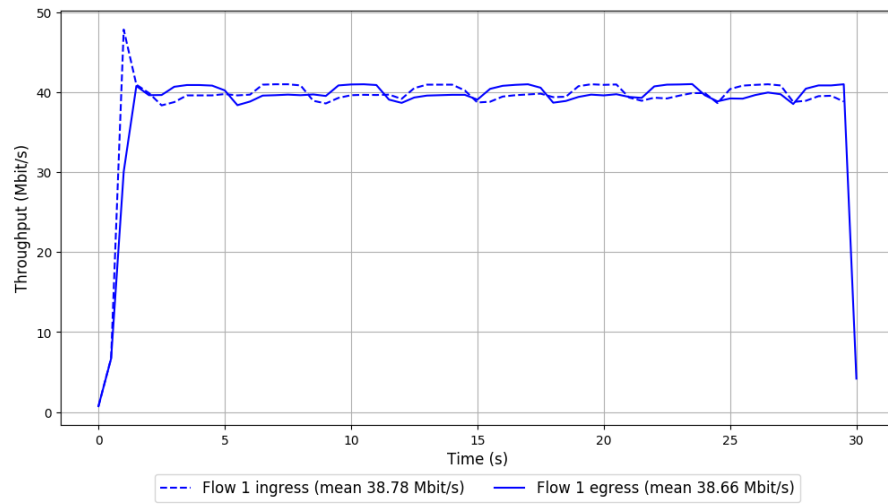


Run 6: Statistics of TCP Vegas

Start at: 2018-02-27 16:32:28
End at: 2018-02-27 16:32:58
Local clock offset: -7.517 ms
Remote clock offset: -1.135 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.66 Mbit/s
95th percentile per-packet one-way delay: 88.792 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 38.66 Mbit/s
95th percentile per-packet one-way delay: 88.792 ms
Loss rate: 0.32%

Run 6: Report of TCP Vegas — Data Link

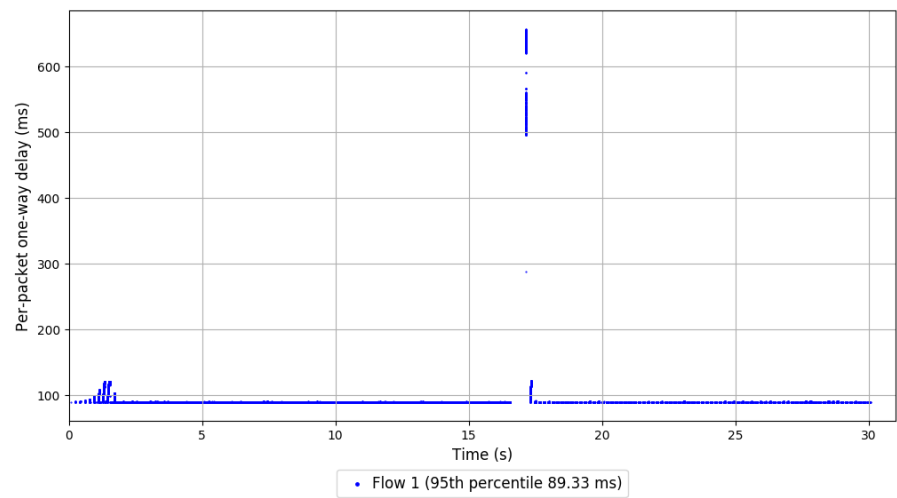
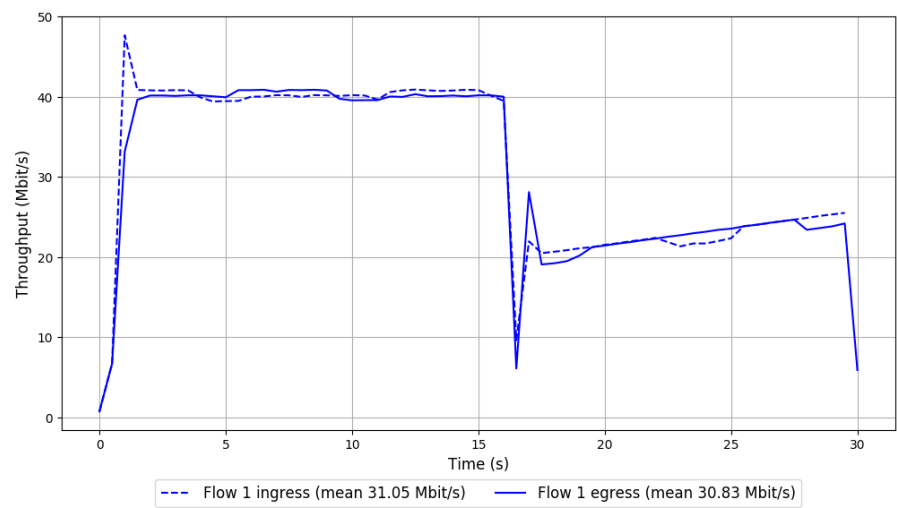


Run 7: Statistics of TCP Vegas

Start at: 2018-02-27 16:54:29
End at: 2018-02-27 16:54:59
Local clock offset: -7.787 ms
Remote clock offset: -0.229 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 89.328 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 89.328 ms
Loss rate: 0.68%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-27 17:16:31

End at: 2018-02-27 17:17:01

Local clock offset: -8.396 ms

Remote clock offset: 0.722 ms

Below is generated by plot.py at 2018-02-27 18:54:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 44.59 Mbit/s

95th percentile per-packet one-way delay: 90.720 ms

Loss rate: 0.28%

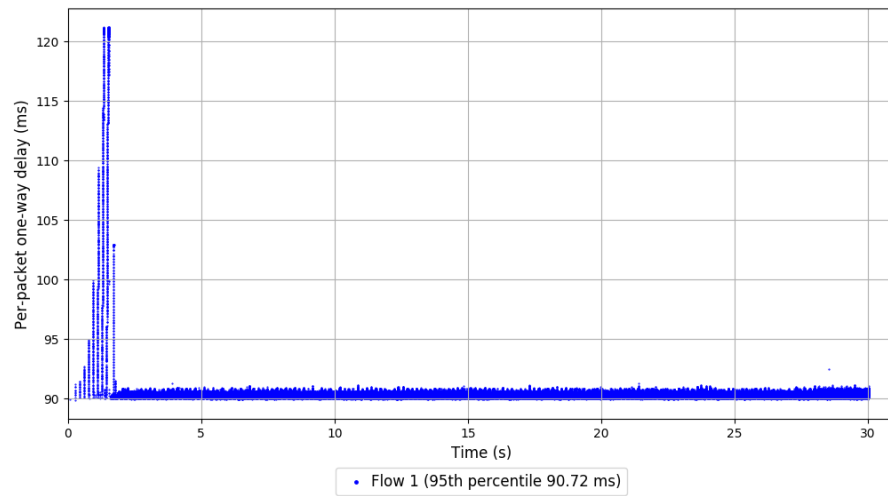
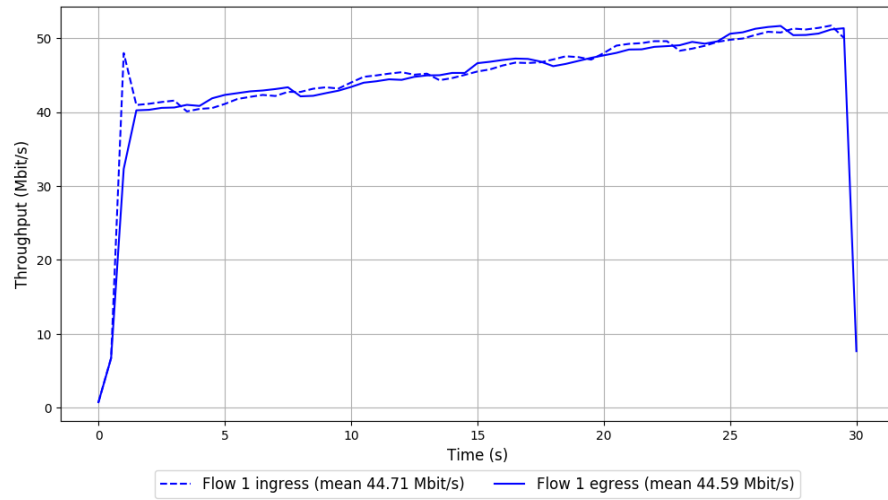
-- Flow 1:

Average throughput: 44.59 Mbit/s

95th percentile per-packet one-way delay: 90.720 ms

Loss rate: 0.28%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-27 17:38:35

End at: 2018-02-27 17:39:05

Local clock offset: -9.055 ms

Remote clock offset: 0.533 ms

Below is generated by plot.py at 2018-02-27 18:54:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 39.71 Mbit/s

95th percentile per-packet one-way delay: 88.566 ms

Loss rate: 0.31%

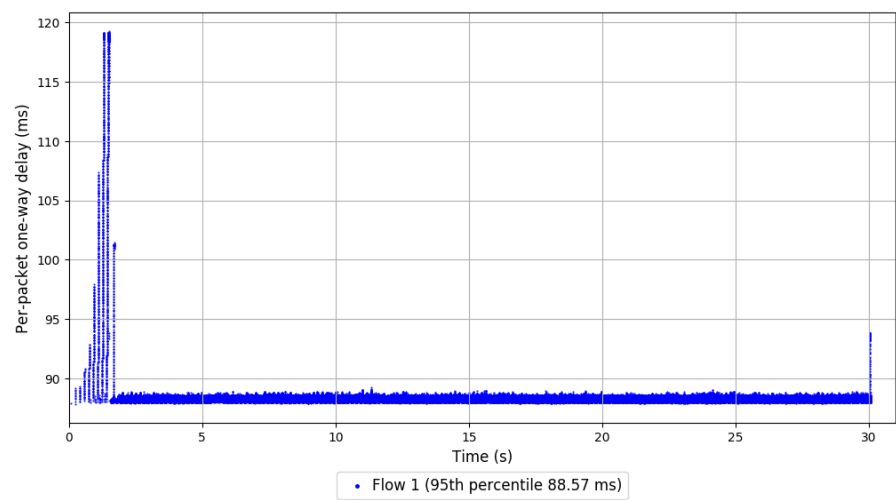
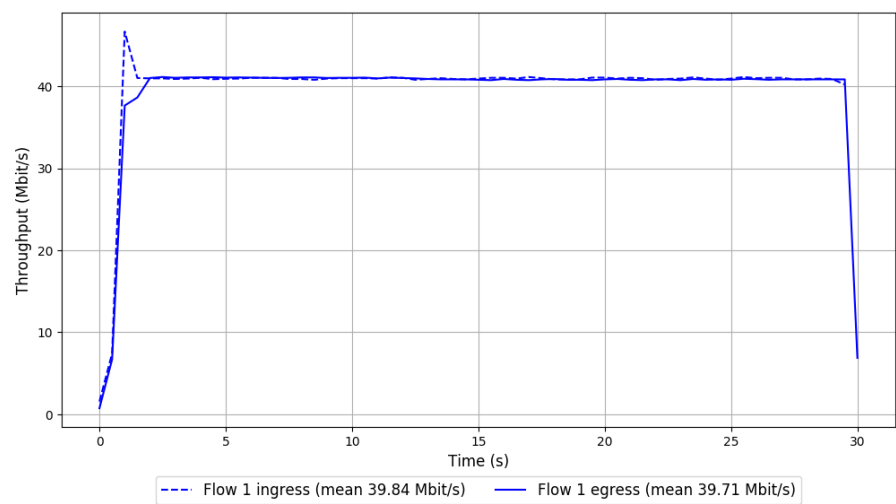
-- Flow 1:

Average throughput: 39.71 Mbit/s

95th percentile per-packet one-way delay: 88.566 ms

Loss rate: 0.31%

Run 9: Report of TCP Vegas — Data Link

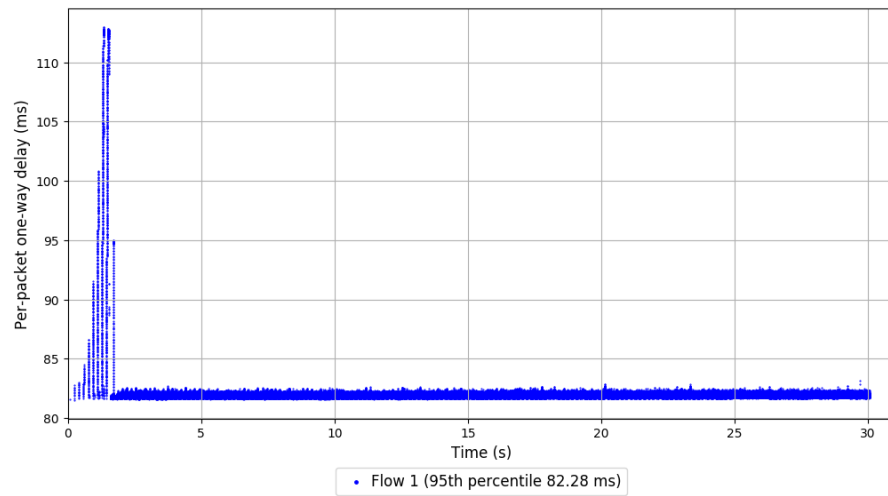
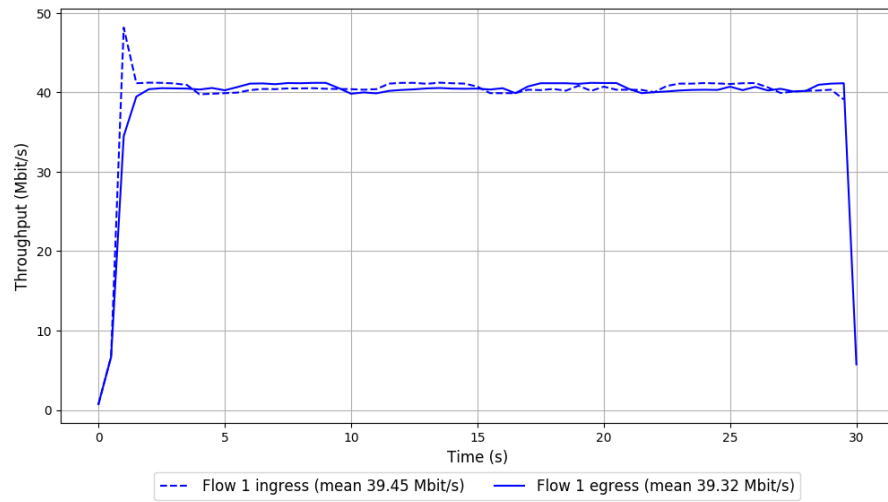


Run 10: Statistics of TCP Vegas

Start at: 2018-02-27 18:00:51
End at: 2018-02-27 18:01:21
Local clock offset: -6.485 ms
Remote clock offset: -5.961 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 82.277 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 39.32 Mbit/s
95th percentile per-packet one-way delay: 82.277 ms
Loss rate: 0.32%

Run 10: Report of TCP Vegas — Data Link

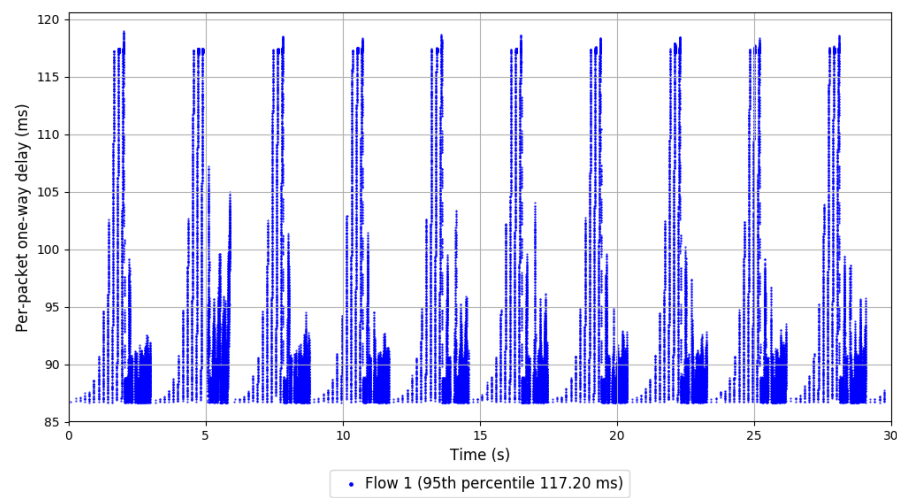
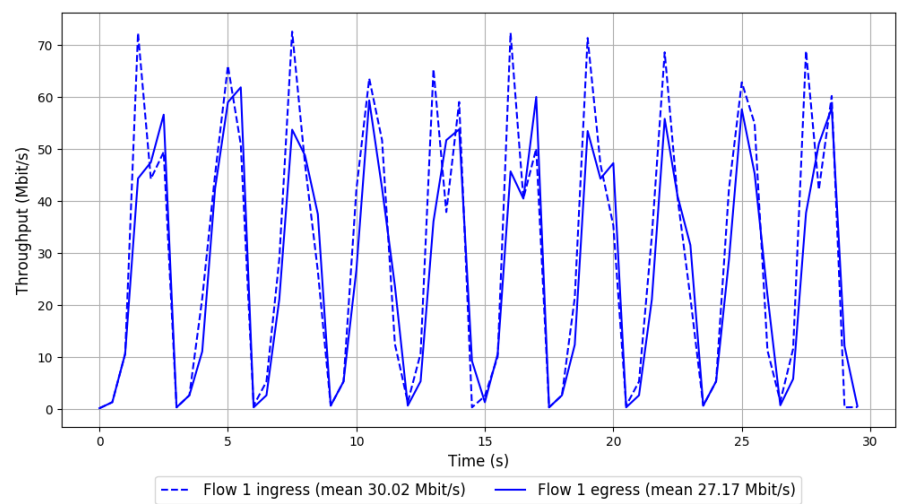


Run 1: Statistics of Verus

Start at: 2018-02-27 14:52:56
End at: 2018-02-27 14:53:27
Local clock offset: -5.161 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.17 Mbit/s
95th percentile per-packet one-way delay: 117.200 ms
Loss rate: 9.47%
-- Flow 1:
Average throughput: 27.17 Mbit/s
95th percentile per-packet one-way delay: 117.200 ms
Loss rate: 9.47%

Run 1: Report of Verus — Data Link

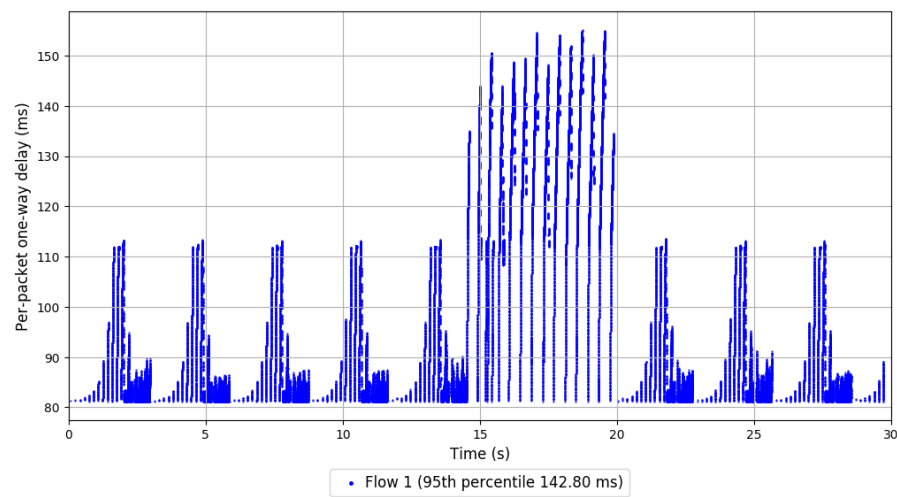
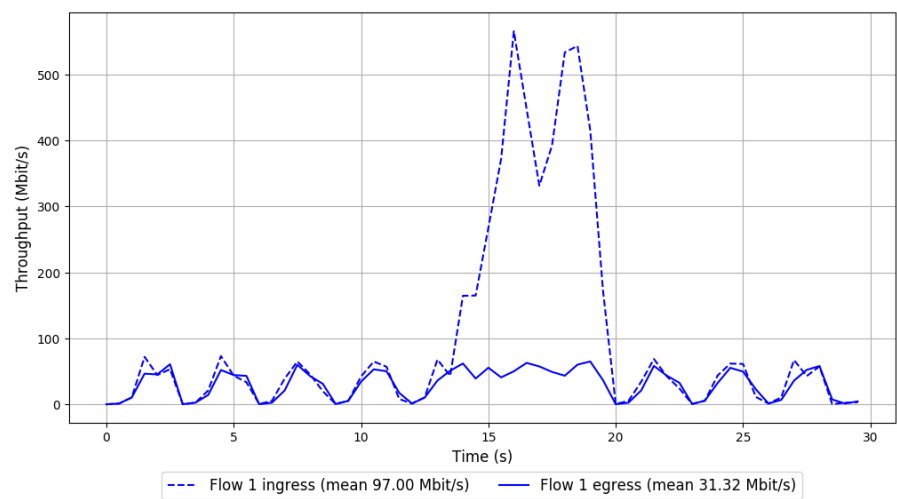


Run 2: Statistics of Verus

Start at: 2018-02-27 15:14:56
End at: 2018-02-27 15:15:26
Local clock offset: -5.359 ms
Remote clock offset: -5.574 ms

Below is generated by plot.py at 2018-02-27 18:54:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 142.796 ms
Loss rate: 67.71%
-- Flow 1:
Average throughput: 31.32 Mbit/s
95th percentile per-packet one-way delay: 142.796 ms
Loss rate: 67.71%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-02-27 15:37:14

End at: 2018-02-27 15:37:44

Local clock offset: -4.406 ms

Remote clock offset: -5.49 ms

Below is generated by plot.py at 2018-02-27 18:54:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 26.69 Mbit/s

95th percentile per-packet one-way delay: 113.765 ms

Loss rate: 9.63%

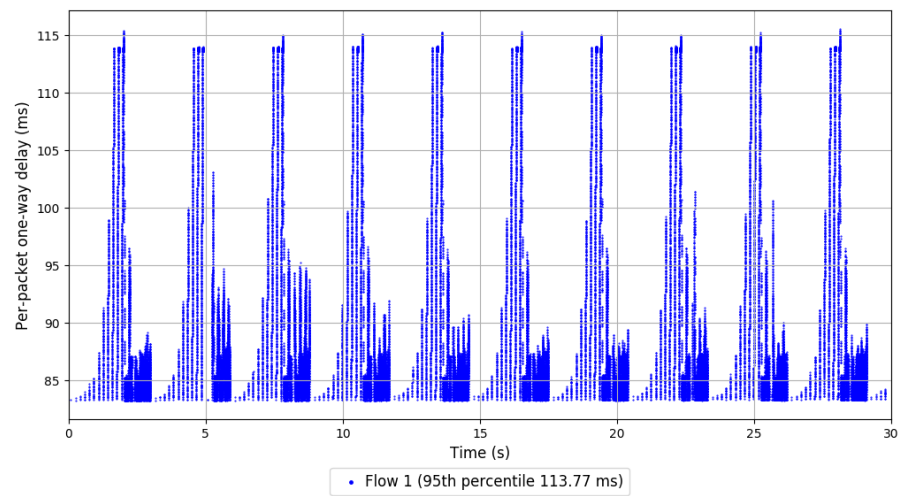
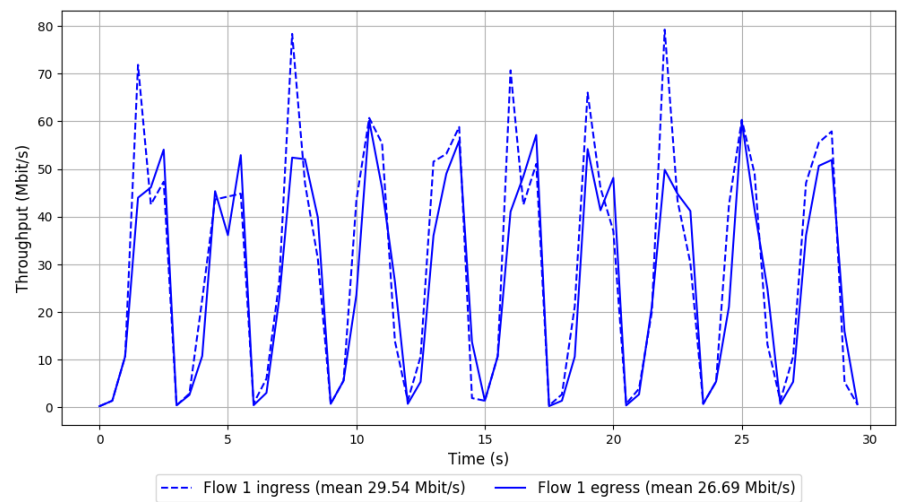
-- Flow 1:

Average throughput: 26.69 Mbit/s

95th percentile per-packet one-way delay: 113.765 ms

Loss rate: 9.63%

Run 3: Report of Verus — Data Link

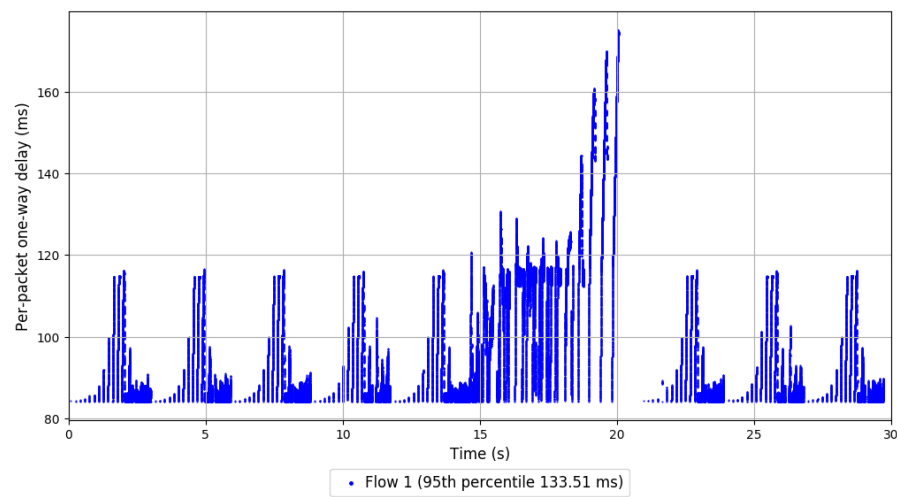
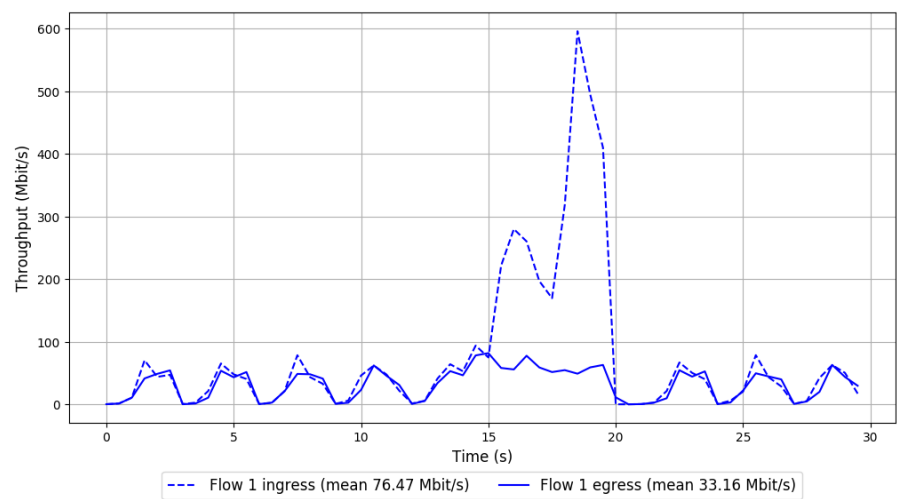


Run 4: Statistics of Verus

Start at: 2018-02-27 15:59:56
End at: 2018-02-27 16:00:26
Local clock offset: -2.99 ms
Remote clock offset: -5.019 ms

Below is generated by plot.py at 2018-02-27 18:54:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 133.510 ms
Loss rate: 56.64%
-- Flow 1:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 133.510 ms
Loss rate: 56.64%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-27 16:22:17

End at: 2018-02-27 16:22:47

Local clock offset: -6.584 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2018-02-27 18:54:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.18 Mbit/s

95th percentile per-packet one-way delay: 117.130 ms

Loss rate: 15.48%

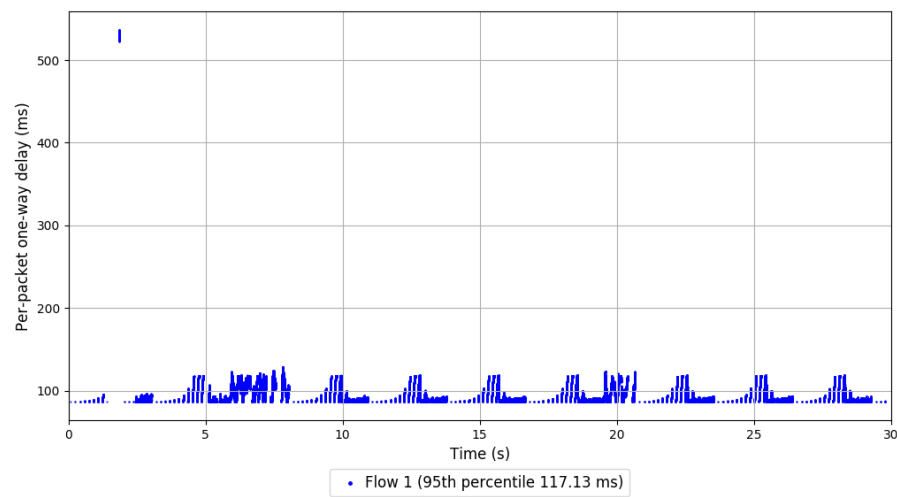
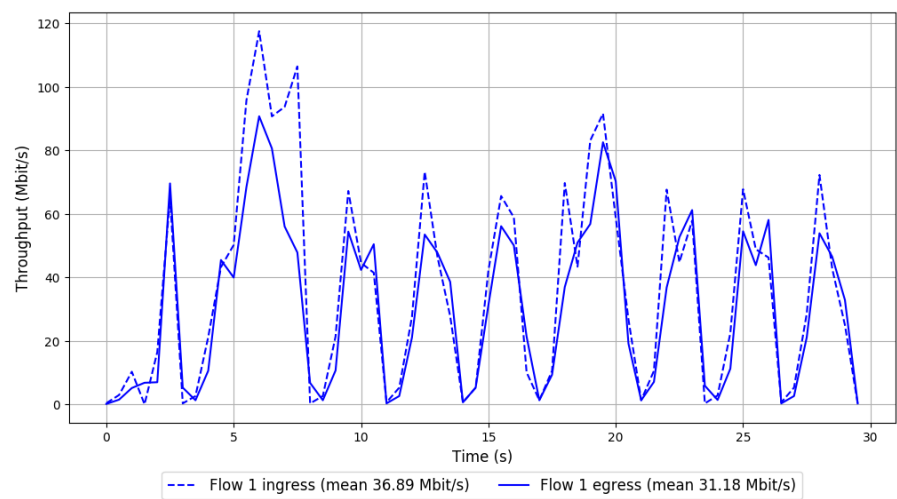
-- Flow 1:

Average throughput: 31.18 Mbit/s

95th percentile per-packet one-way delay: 117.130 ms

Loss rate: 15.48%

Run 5: Report of Verus — Data Link

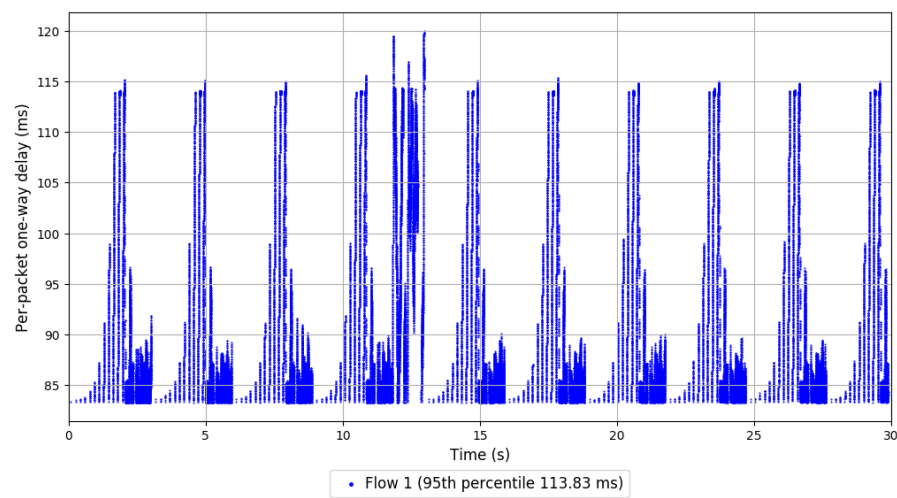
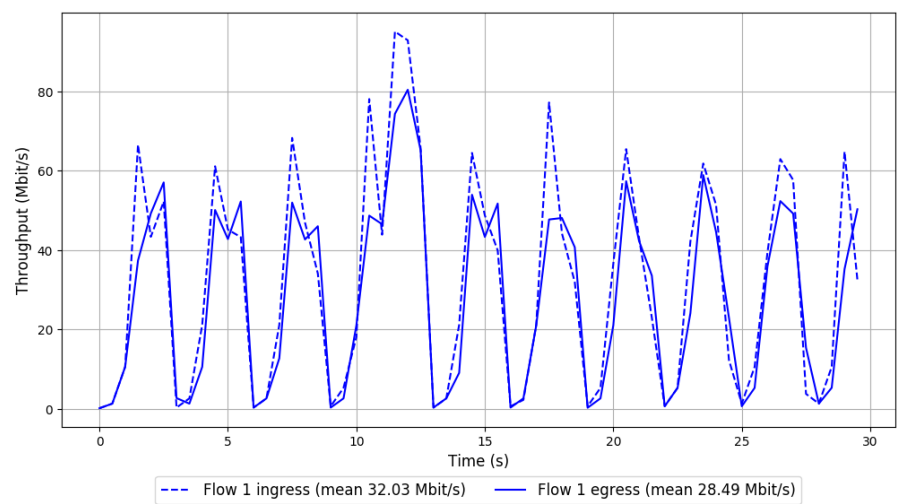


Run 6: Statistics of Verus

Start at: 2018-02-27 16:44:35
End at: 2018-02-27 16:45:05
Local clock offset: -7.933 ms
Remote clock offset: -5.937 ms

Below is generated by plot.py at 2018-02-27 18:54:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 113.832 ms
Loss rate: 11.06%
-- Flow 1:
Average throughput: 28.49 Mbit/s
95th percentile per-packet one-way delay: 113.832 ms
Loss rate: 11.06%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-27 17:06:36

End at: 2018-02-27 17:07:06

Local clock offset: -8.156 ms

Remote clock offset: -5.81 ms

Below is generated by plot.py at 2018-02-27 18:54:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.10 Mbit/s

95th percentile per-packet one-way delay: 113.578 ms

Loss rate: 9.32%

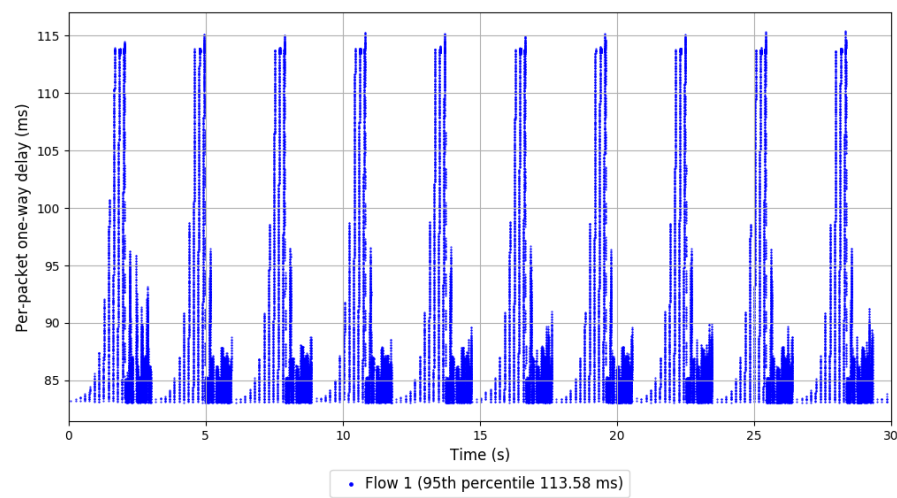
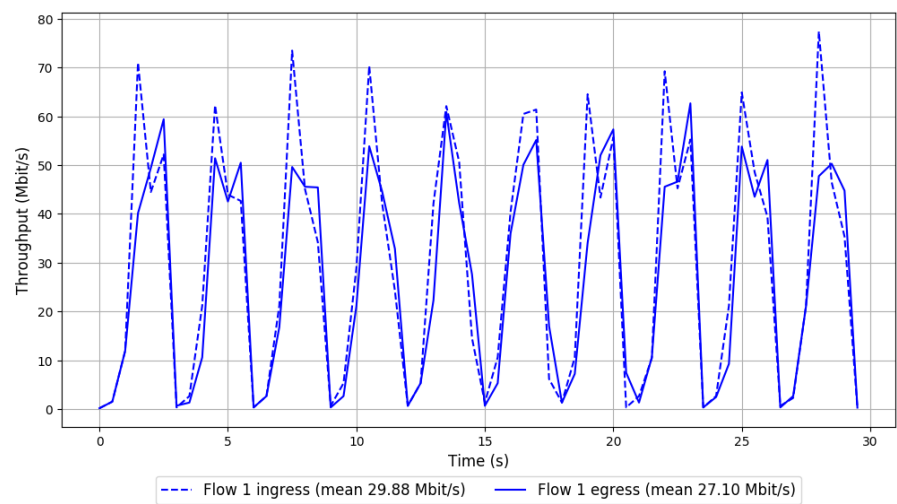
-- Flow 1:

Average throughput: 27.10 Mbit/s

95th percentile per-packet one-way delay: 113.578 ms

Loss rate: 9.32%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-02-27 17:28:38

End at: 2018-02-27 17:29:08

Local clock offset: -8.738 ms

Remote clock offset: -5.11 ms

Below is generated by plot.py at 2018-02-27 18:54:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 38.61 Mbit/s

95th percentile per-packet one-way delay: 175.504 ms

Loss rate: 80.61%

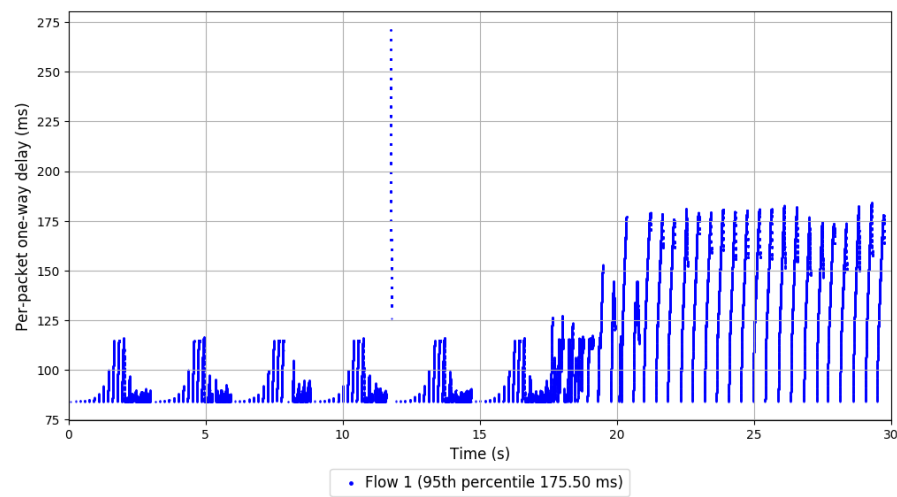
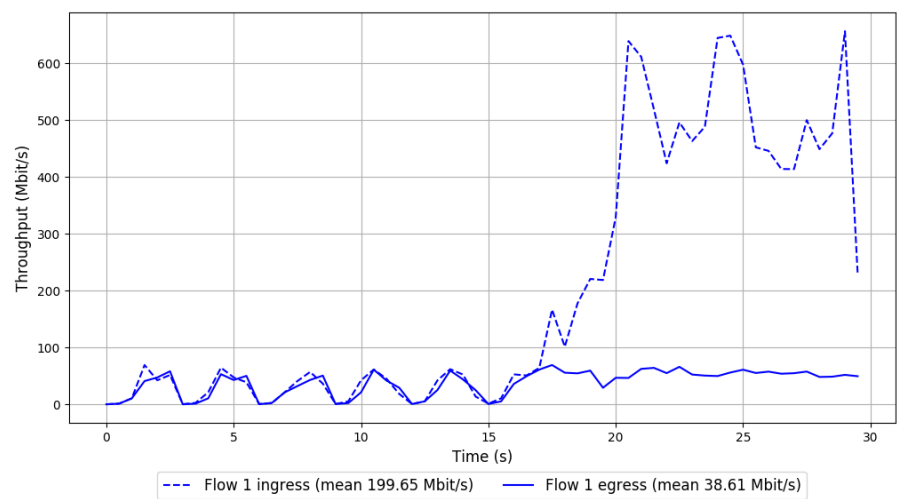
-- Flow 1:

Average throughput: 38.61 Mbit/s

95th percentile per-packet one-way delay: 175.504 ms

Loss rate: 80.61%

Run 8: Report of Verus — Data Link

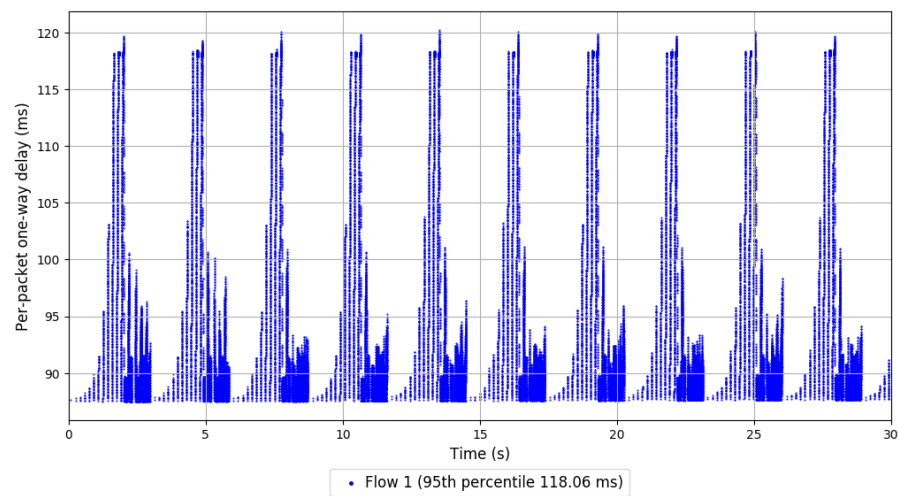
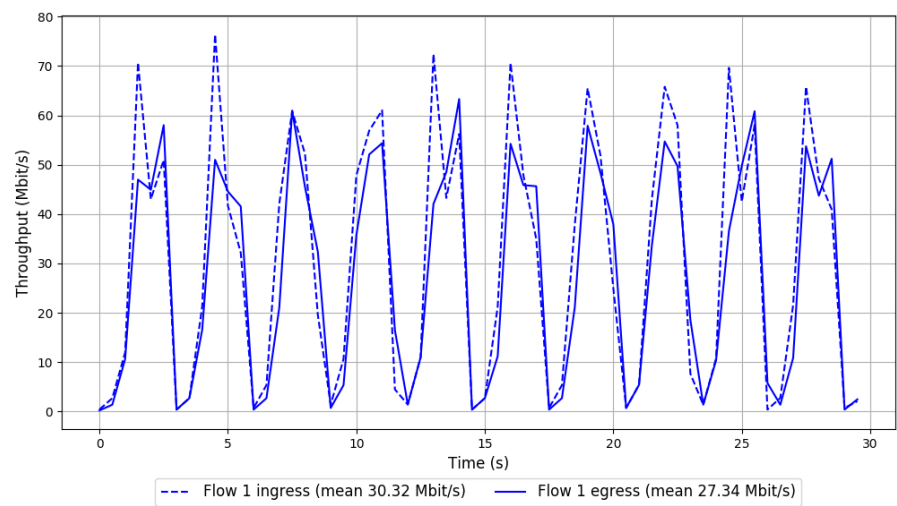


Run 9: Statistics of Verus

Start at: 2018-02-27 17:50:47
End at: 2018-02-27 17:51:17
Local clock offset: -8.893 ms
Remote clock offset: -0.338 ms

Below is generated by plot.py at 2018-02-27 18:54:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 118.065 ms
Loss rate: 9.82%
-- Flow 1:
Average throughput: 27.34 Mbit/s
95th percentile per-packet one-way delay: 118.065 ms
Loss rate: 9.82%

Run 9: Report of Verus — Data Link

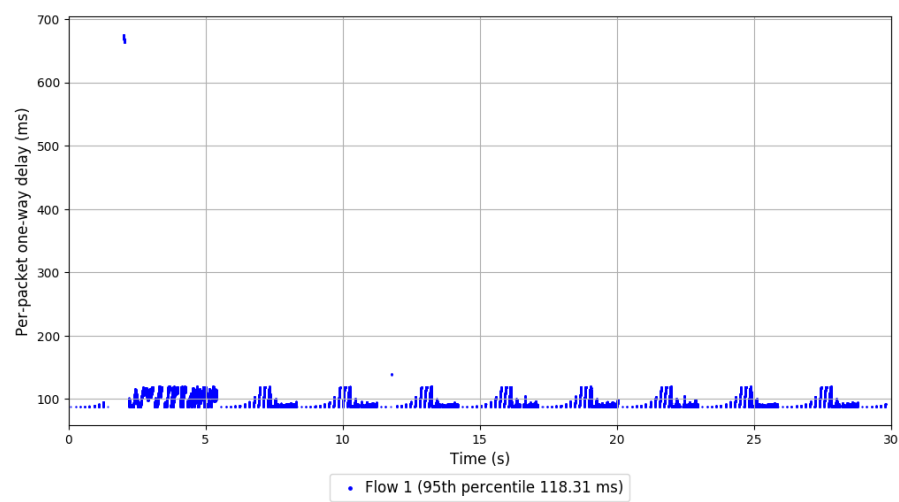
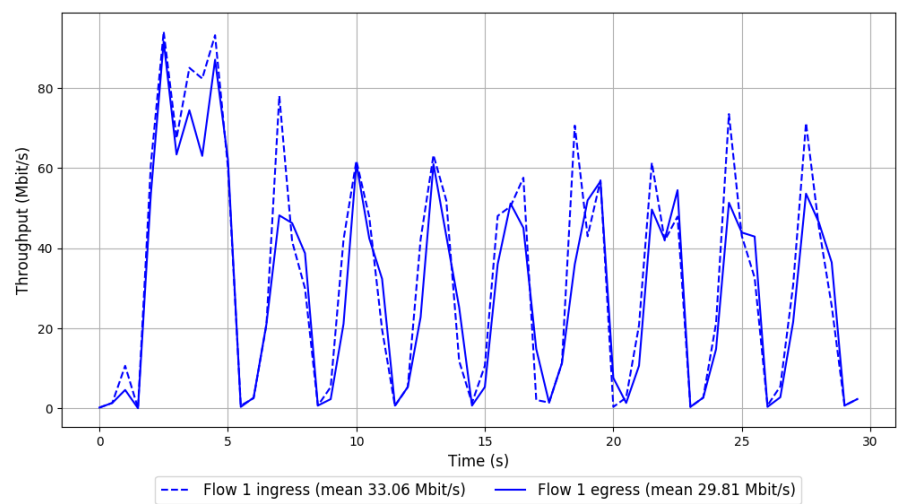


Run 10: Statistics of Verus

Start at: 2018-02-27 18:12:57
End at: 2018-02-27 18:13:27
Local clock offset: -5.524 ms
Remote clock offset: -1.245 ms

Below is generated by plot.py at 2018-02-27 18:54:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 118.306 ms
Loss rate: 9.80%
-- Flow 1:
Average throughput: 29.81 Mbit/s
95th percentile per-packet one-way delay: 118.306 ms
Loss rate: 9.80%

Run 10: Report of Verus — Data Link

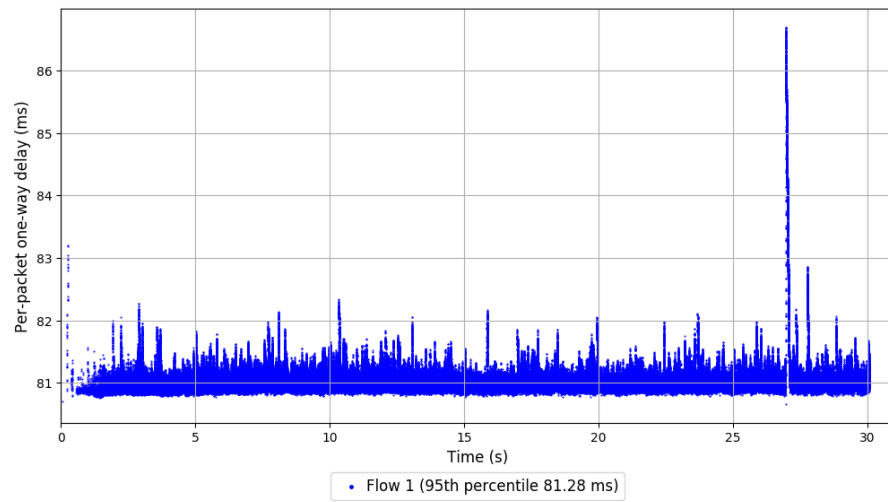
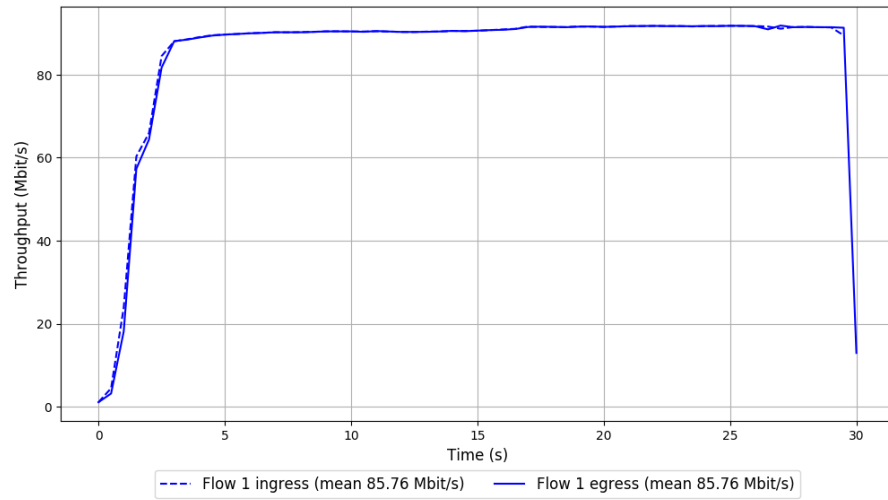


Run 1: Statistics of Copa

Start at: 2018-02-27 14:39:35
End at: 2018-02-27 14:40:06
Local clock offset: -5.425 ms
Remote clock offset: -6.081 ms

Below is generated by plot.py at 2018-02-27 18:55:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.76 Mbit/s
95th percentile per-packet one-way delay: 81.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.76 Mbit/s
95th percentile per-packet one-way delay: 81.280 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

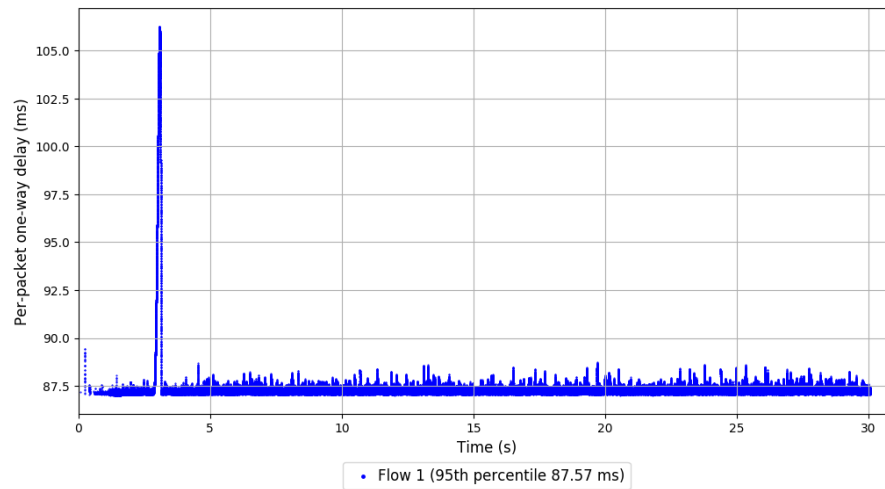
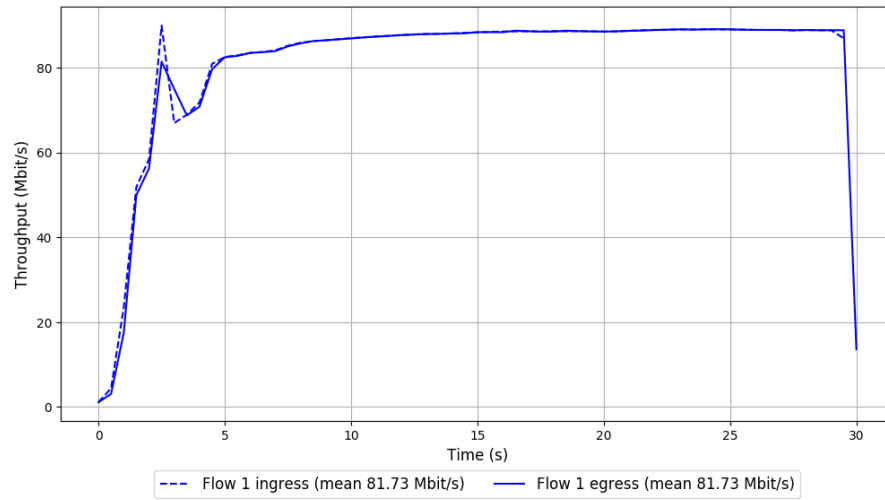


Run 2: Statistics of Copa

Start at: 2018-02-27 15:01:33
End at: 2018-02-27 15:02:03
Local clock offset: -5.202 ms
Remote clock offset: -0.287 ms

Below is generated by plot.py at 2018-02-27 18:55:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.73 Mbit/s
95th percentile per-packet one-way delay: 87.570 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.73 Mbit/s
95th percentile per-packet one-way delay: 87.570 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

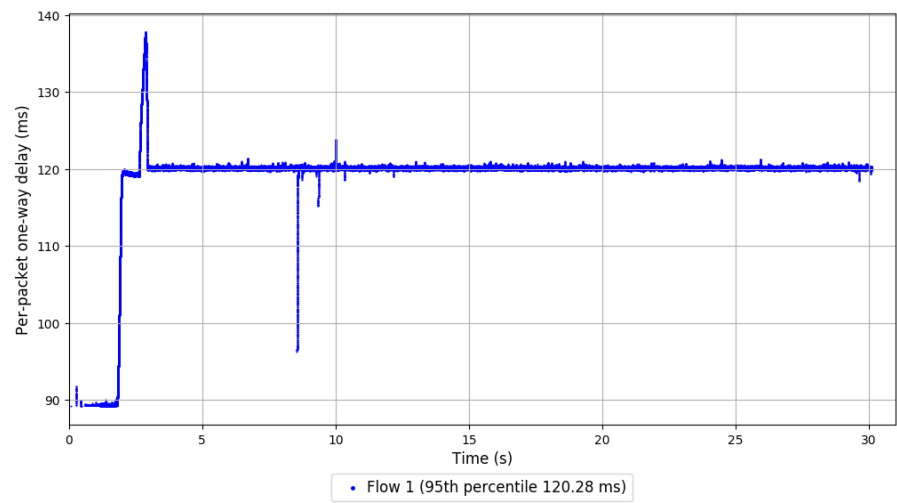
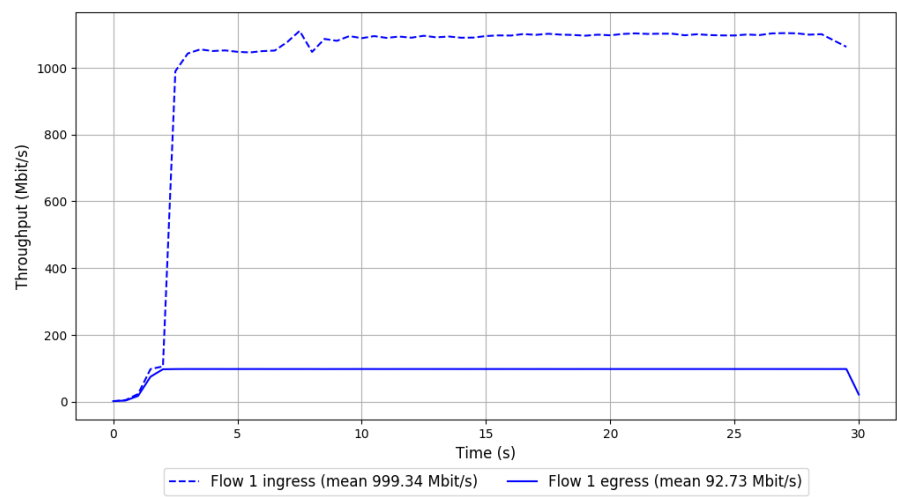


Run 3: Statistics of Copa

Start at: 2018-02-27 15:23:33
End at: 2018-02-27 15:24:03
Local clock offset: -5.221 ms
Remote clock offset: 1.048 ms

Below is generated by plot.py at 2018-02-27 19:02:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 120.285 ms
Loss rate: 90.71%
-- Flow 1:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 120.285 ms
Loss rate: 90.71%

Run 3: Report of Copa — Data Link

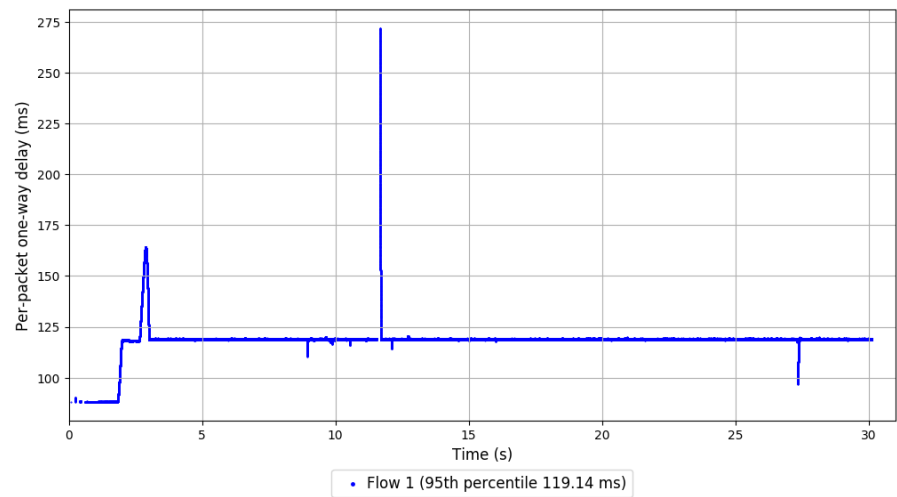
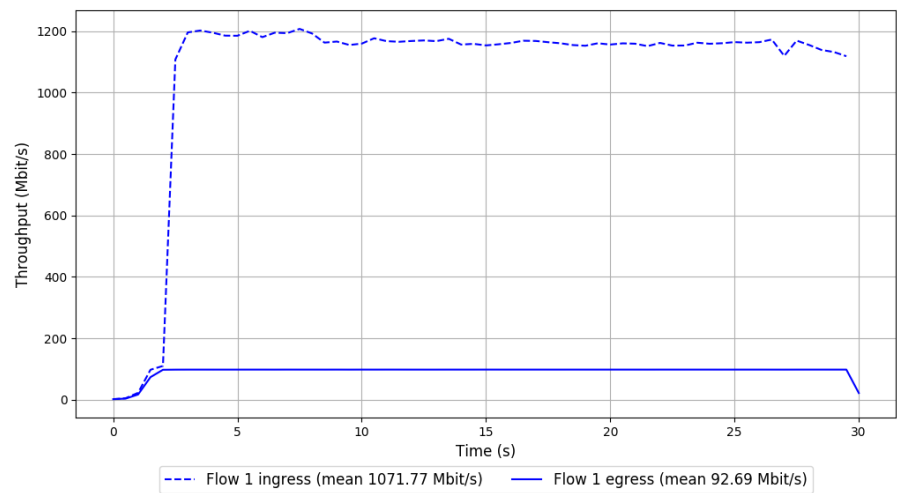


Run 4: Statistics of Copa

Start at: 2018-02-27 15:45:51
End at: 2018-02-27 15:46:21
Local clock offset: -3.618 ms
Remote clock offset: -0.797 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 119.140 ms
Loss rate: 91.34%
-- Flow 1:
Average throughput: 92.69 Mbit/s
95th percentile per-packet one-way delay: 119.140 ms
Loss rate: 91.34%

Run 4: Report of Copa — Data Link

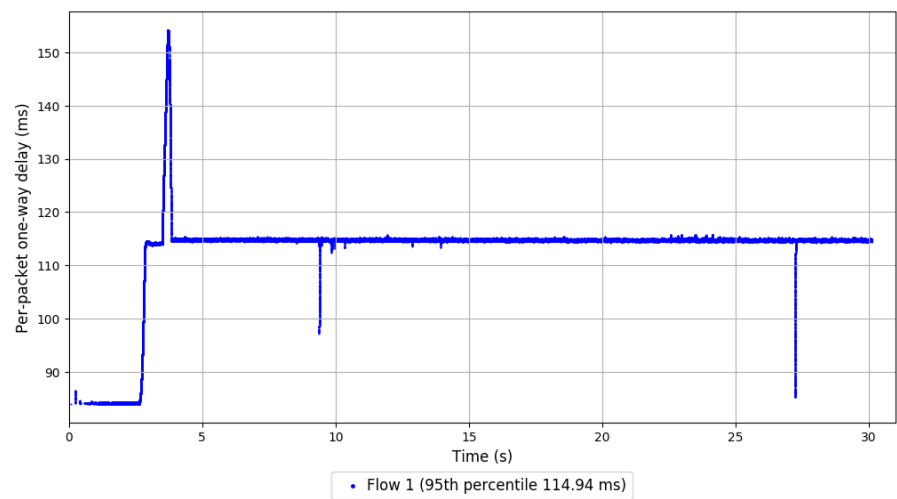
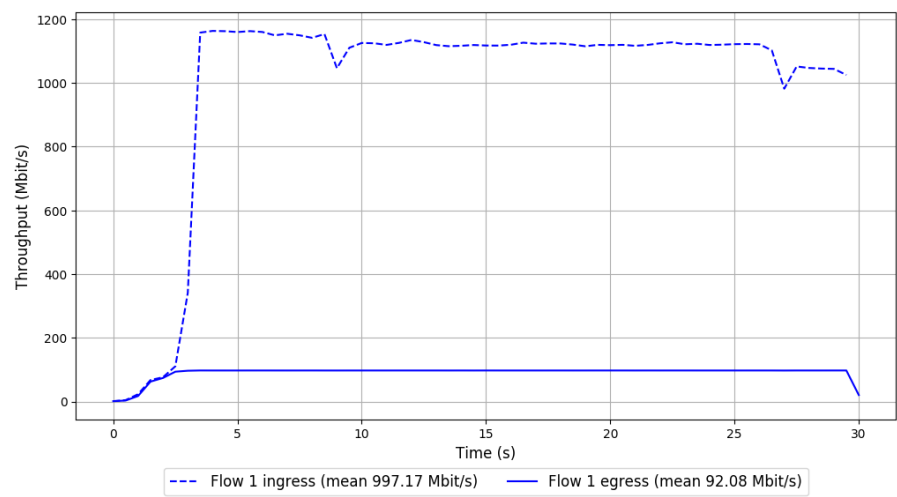


Run 5: Statistics of Copa

Start at: 2018-02-27 16:08:34
End at: 2018-02-27 16:09:04
Local clock offset: -3.578 ms
Remote clock offset: -5.186 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.08 Mbit/s
95th percentile per-packet one-way delay: 114.943 ms
Loss rate: 90.76%
-- Flow 1:
Average throughput: 92.08 Mbit/s
95th percentile per-packet one-way delay: 114.943 ms
Loss rate: 90.76%

Run 5: Report of Copa — Data Link

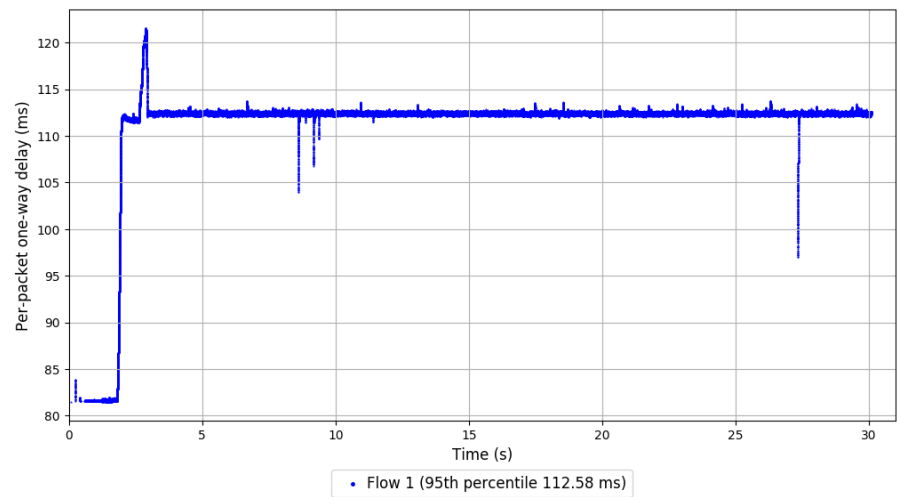
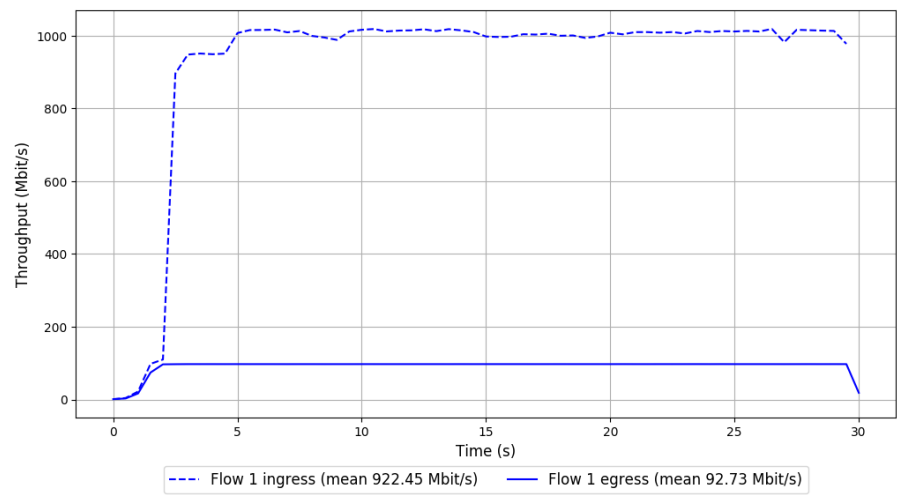


Run 6: Statistics of Copa

Start at: 2018-02-27 16:30:54
End at: 2018-02-27 16:31:24
Local clock offset: -7.393 ms
Remote clock offset: -5.823 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 112.575 ms
Loss rate: 89.94%
-- Flow 1:
Average throughput: 92.73 Mbit/s
95th percentile per-packet one-way delay: 112.575 ms
Loss rate: 89.94%

Run 6: Report of Copa — Data Link

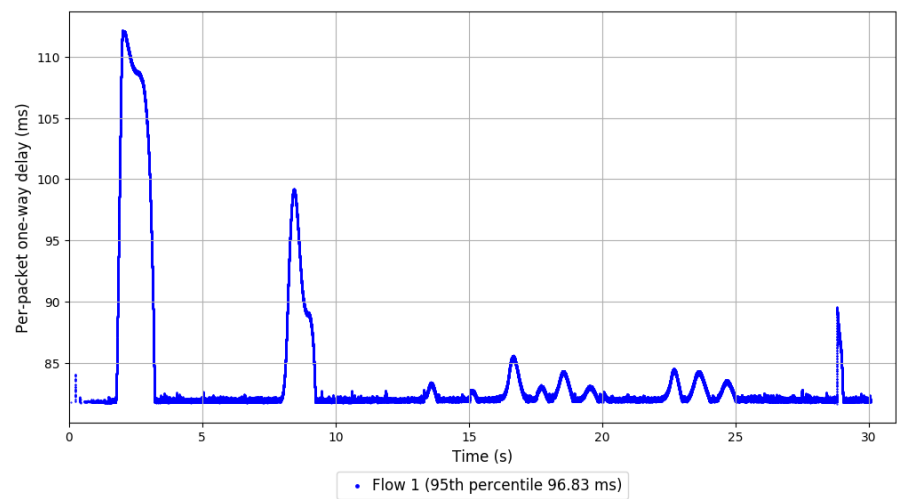
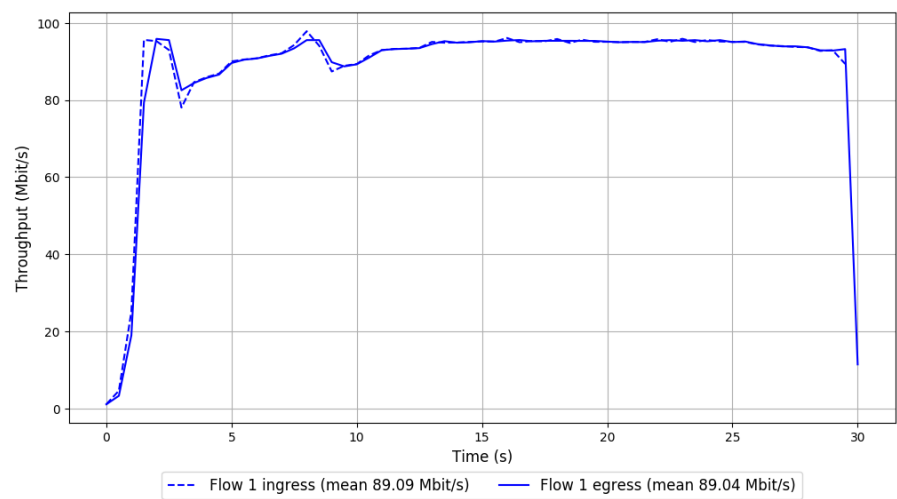


Run 7: Statistics of Copa

Start at: 2018-02-27 16:53:12
End at: 2018-02-27 16:53:42
Local clock offset: -7.768 ms
Remote clock offset: -5.149 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.04 Mbit/s
95th percentile per-packet one-way delay: 96.835 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 89.04 Mbit/s
95th percentile per-packet one-way delay: 96.835 ms
Loss rate: 0.05%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-27 17:15:13

End at: 2018-02-27 17:15:43

Local clock offset: -8.372 ms

Remote clock offset: -5.78 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 86.798 ms

Loss rate: 0.01%

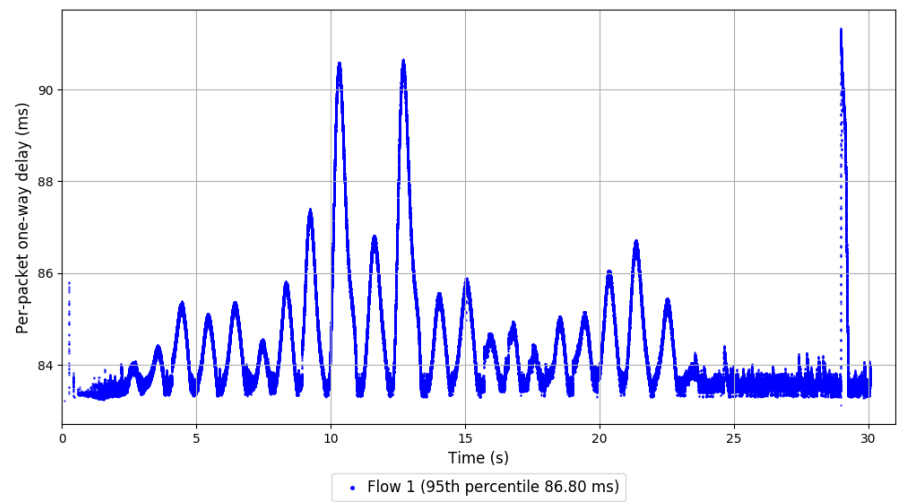
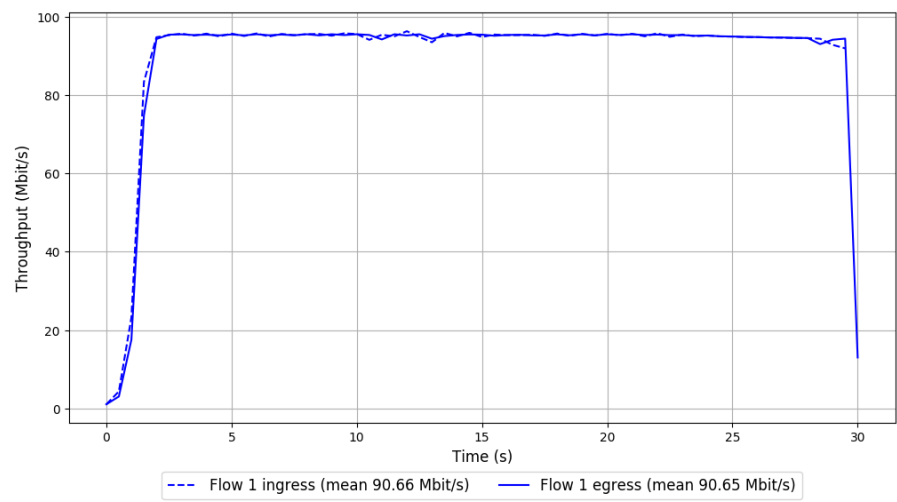
-- Flow 1:

Average throughput: 90.65 Mbit/s

95th percentile per-packet one-way delay: 86.798 ms

Loss rate: 0.01%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-27 17:37:17

End at: 2018-02-27 17:37:47

Local clock offset: -9.095 ms

Remote clock offset: -1.09 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.25 Mbit/s

95th percentile per-packet one-way delay: 89.149 ms

Loss rate: 0.00%

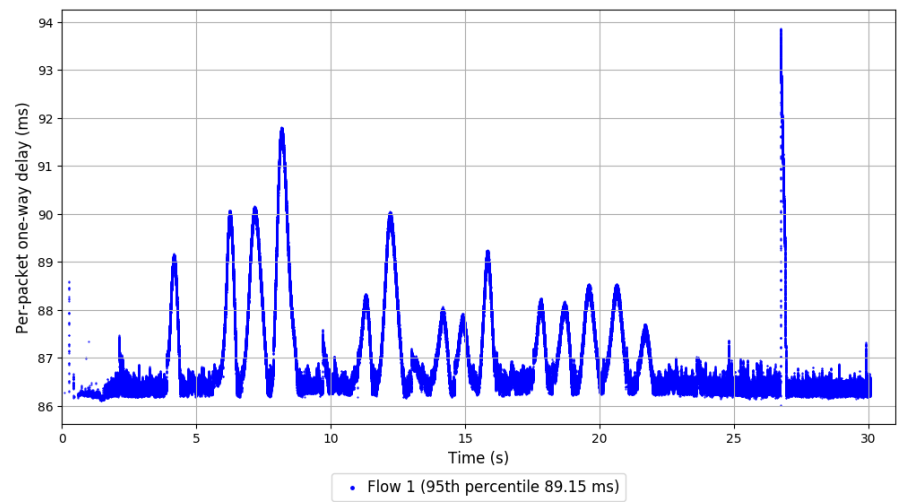
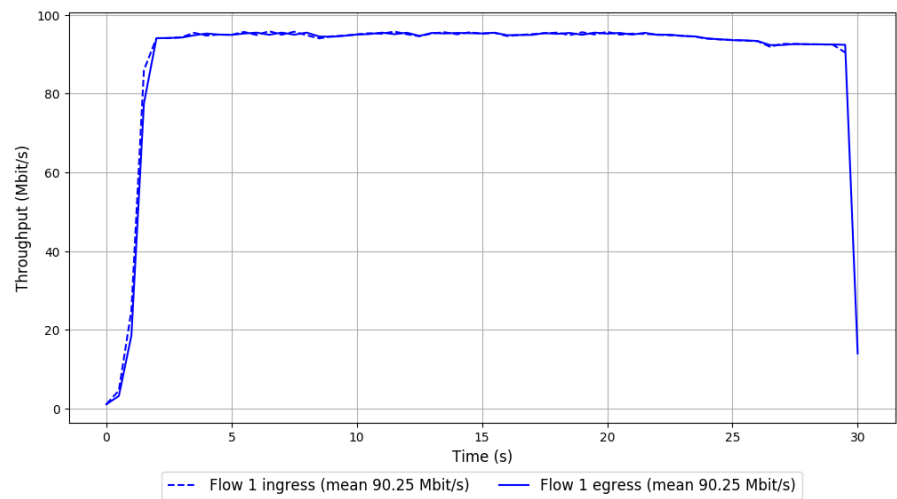
-- Flow 1:

Average throughput: 90.25 Mbit/s

95th percentile per-packet one-way delay: 89.149 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-27 17:59:27

End at: 2018-02-27 17:59:57

Local clock offset: -6.65 ms

Remote clock offset: 0.491 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.50 Mbit/s

95th percentile per-packet one-way delay: 95.071 ms

Loss rate: 0.00%

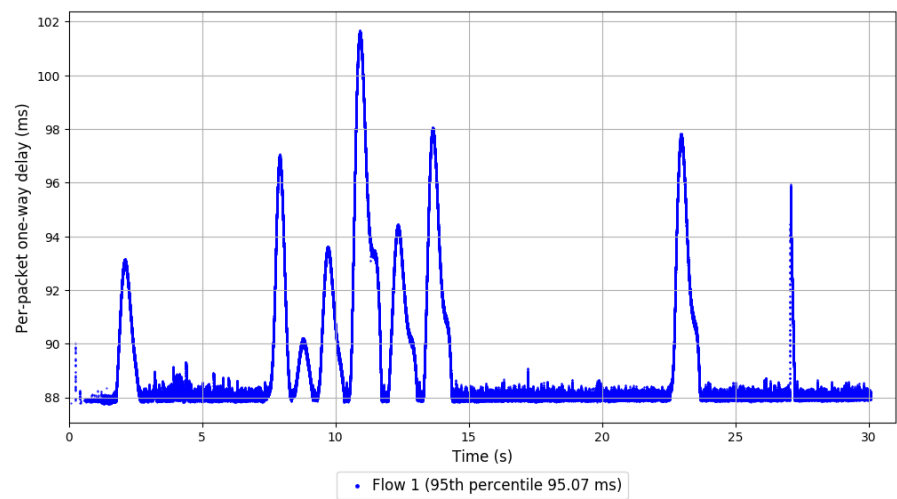
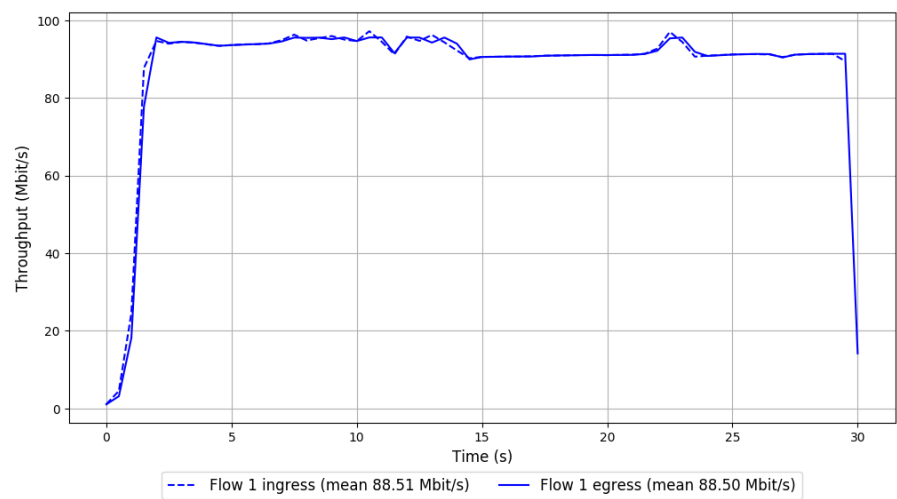
-- Flow 1:

Average throughput: 88.50 Mbit/s

95th percentile per-packet one-way delay: 95.071 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

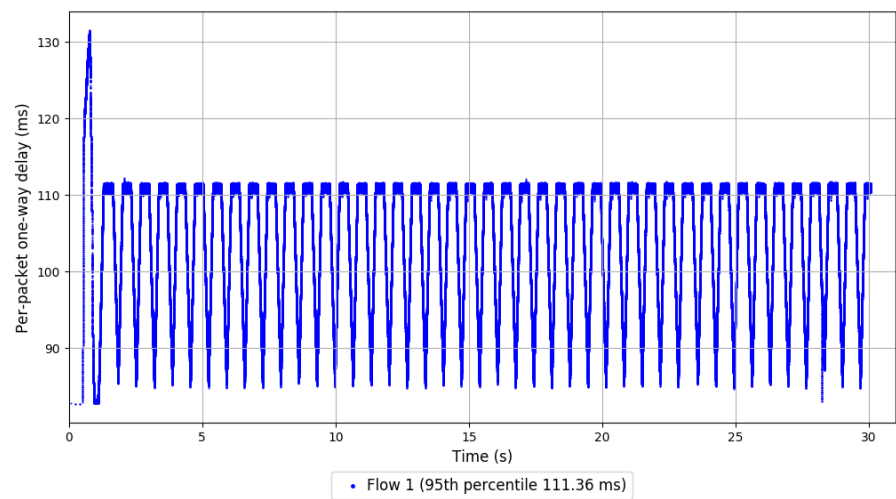
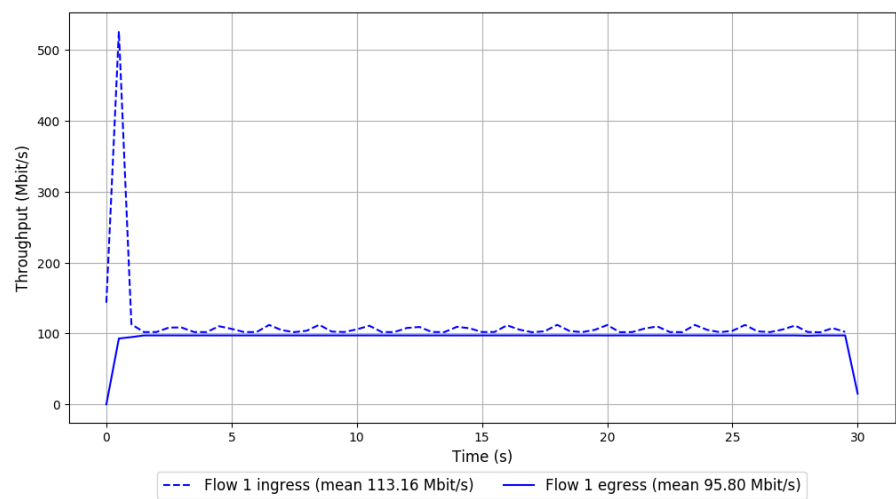


Run 1: Statistics of FillP

Start at: 2018-02-27 14:46:55
End at: 2018-02-27 14:47:25
Local clock offset: -5.27 ms
Remote clock offset: -5.997 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 111.358 ms
Loss rate: 15.27%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 111.358 ms
Loss rate: 15.27%

Run 1: Report of FillP — Data Link

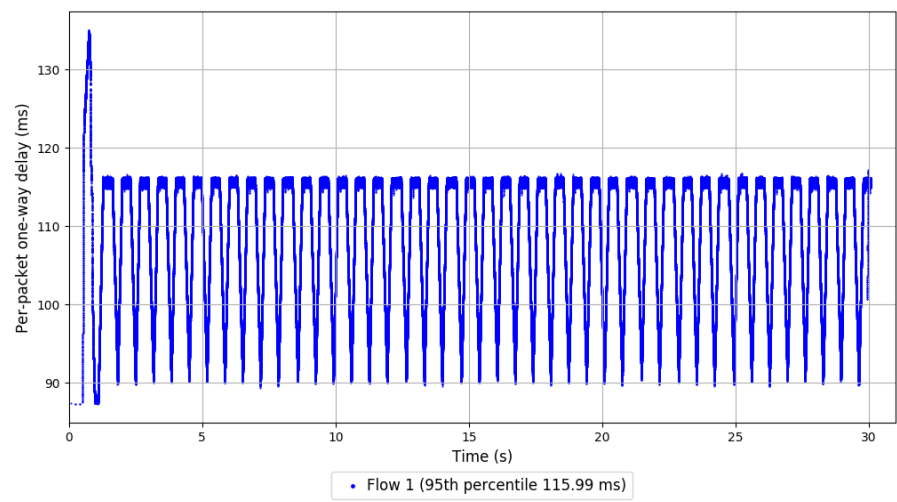
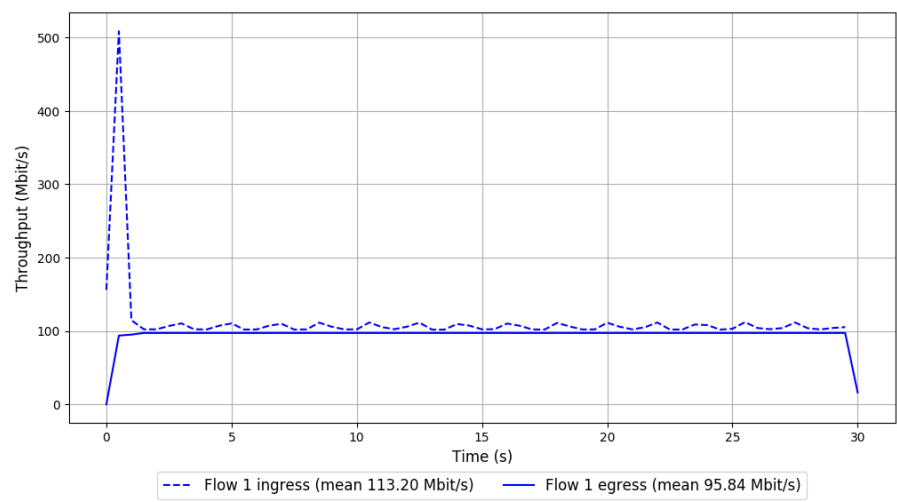


Run 2: Statistics of FillP

Start at: 2018-02-27 15:08:52
End at: 2018-02-27 15:09:22
Local clock offset: -5.267 ms
Remote clock offset: -0.294 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 115.994 ms
Loss rate: 15.26%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 115.994 ms
Loss rate: 15.26%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-02-27 15:31:10

End at: 2018-02-27 15:31:40

Local clock offset: -5.17 ms

Remote clock offset: 0.19 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 115.363 ms

Loss rate: 14.85%

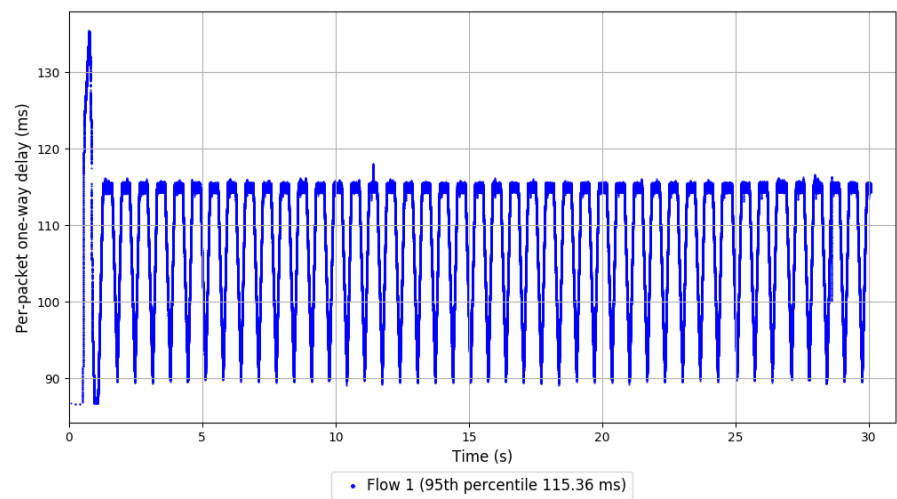
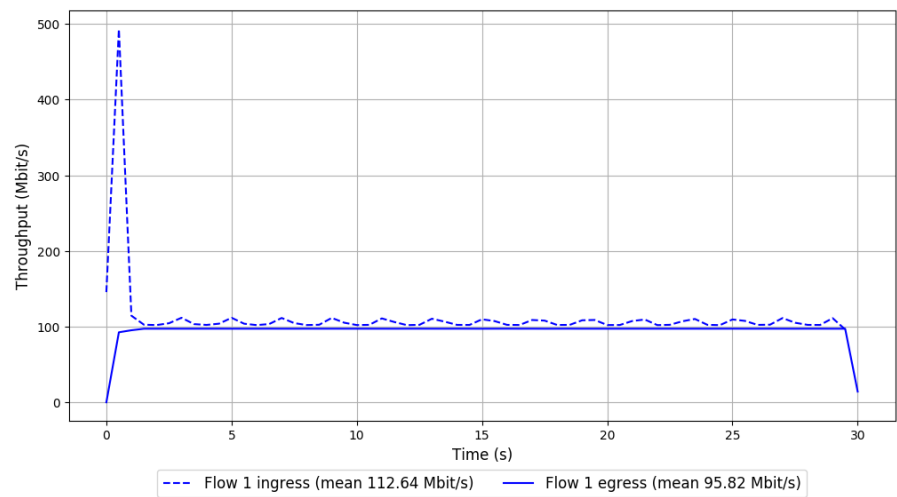
-- Flow 1:

Average throughput: 95.82 Mbit/s

95th percentile per-packet one-way delay: 115.363 ms

Loss rate: 14.85%

Run 3: Report of FillP — Data Link

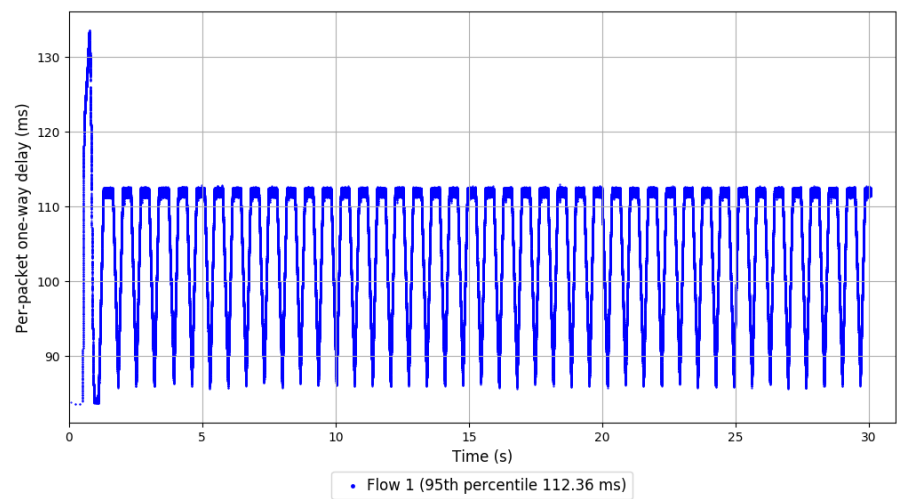
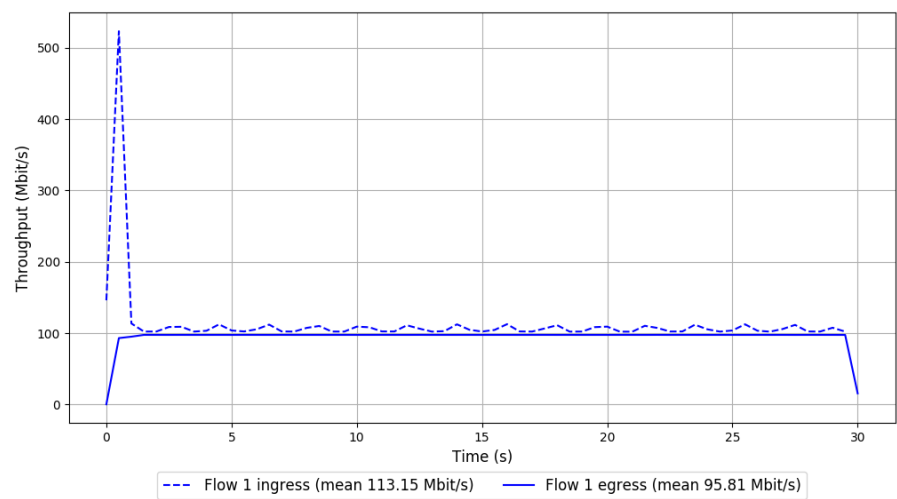


Run 4: Statistics of FillP

Start at: 2018-02-27 15:53:49
End at: 2018-02-27 15:54:19
Local clock offset: -3.188 ms
Remote clock offset: -4.991 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 112.357 ms
Loss rate: 15.25%
-- Flow 1:
Average throughput: 95.81 Mbit/s
95th percentile per-packet one-way delay: 112.357 ms
Loss rate: 15.25%

Run 4: Report of FillP — Data Link

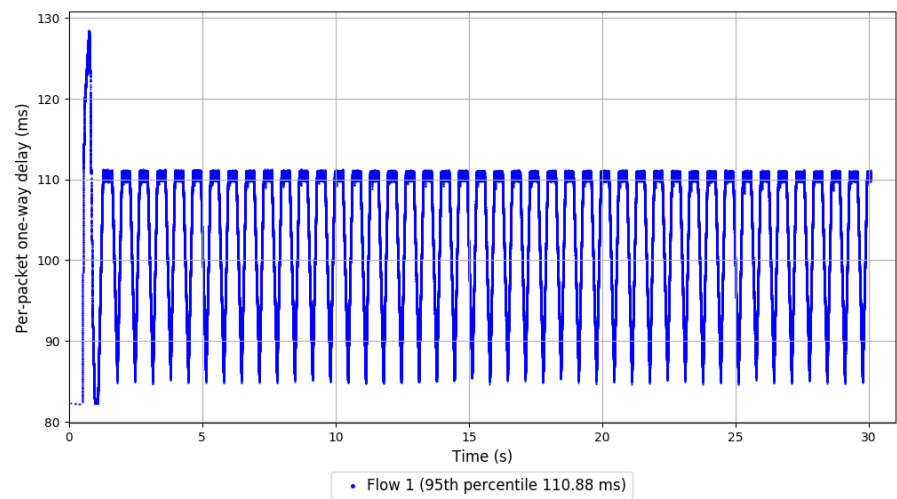
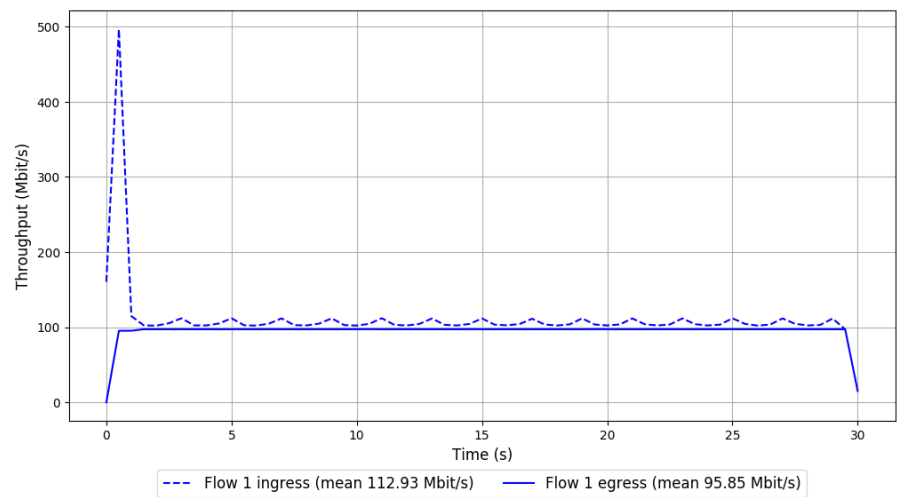


Run 5: Statistics of FillP

Start at: 2018-02-27 16:16:13
End at: 2018-02-27 16:16:43
Local clock offset: -5.702 ms
Remote clock offset: -5.195 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 110.875 ms
Loss rate: 15.04%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 110.875 ms
Loss rate: 15.04%

Run 5: Report of FillP — Data Link

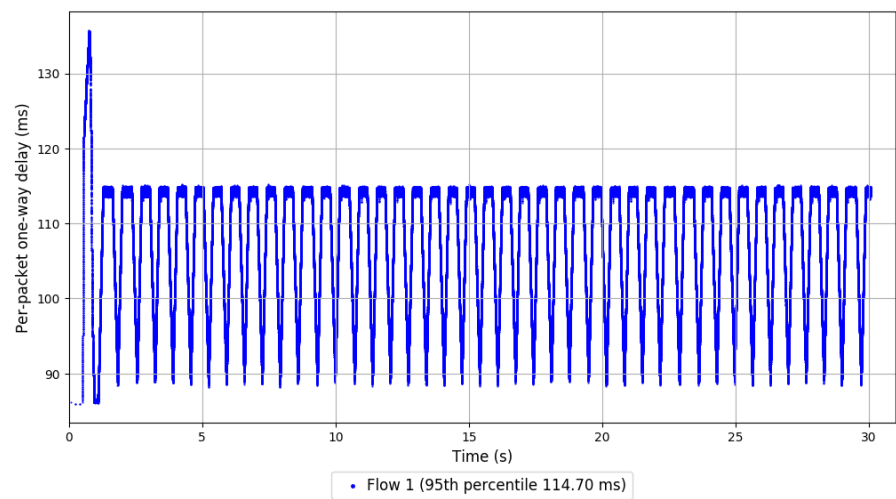
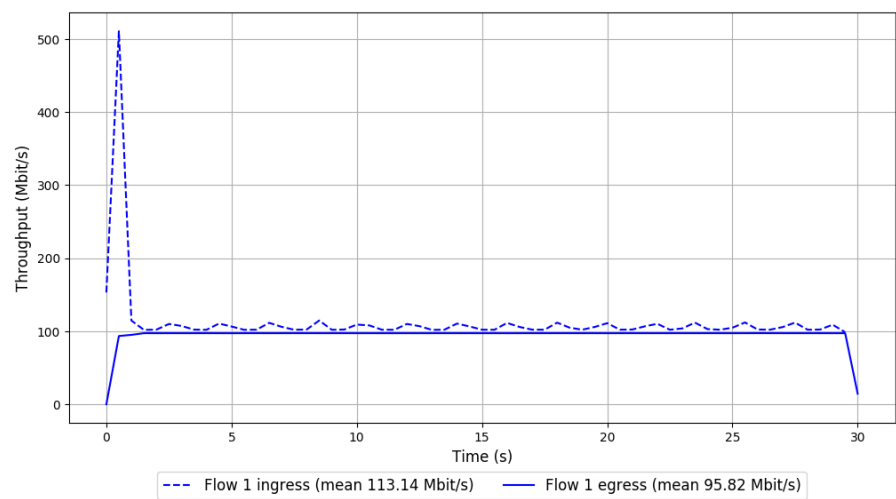


Run 6: Statistics of FillP

Start at: 2018-02-27 16:38:30
End at: 2018-02-27 16:39:00
Local clock offset: -7.934 ms
Remote clock offset: -1.062 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 114.698 ms
Loss rate: 15.22%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 114.698 ms
Loss rate: 15.22%

Run 6: Report of FillP — Data Link

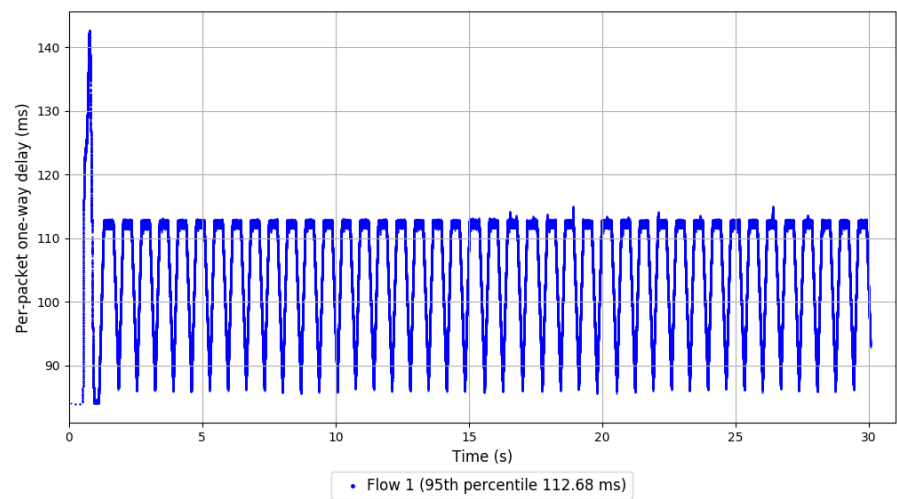
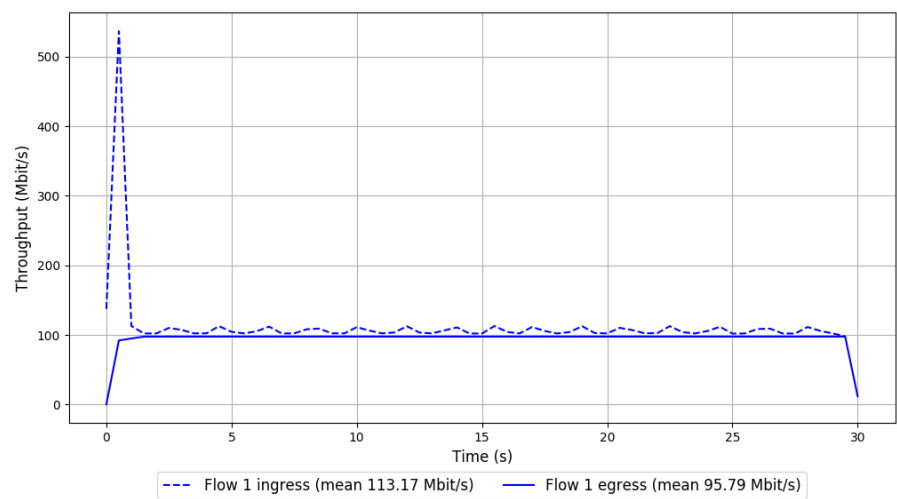


Run 7: Statistics of FillP

Start at: 2018-02-27 17:00:31
End at: 2018-02-27 17:01:01
Local clock offset: -7.905 ms
Remote clock offset: -5.031 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 112.680 ms
Loss rate: 15.33%
-- Flow 1:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 112.680 ms
Loss rate: 15.33%

Run 7: Report of FillP — Data Link

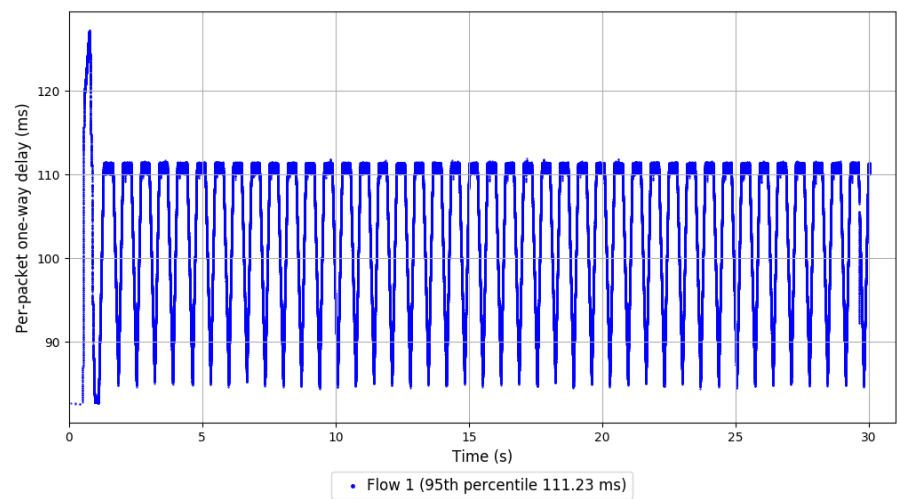
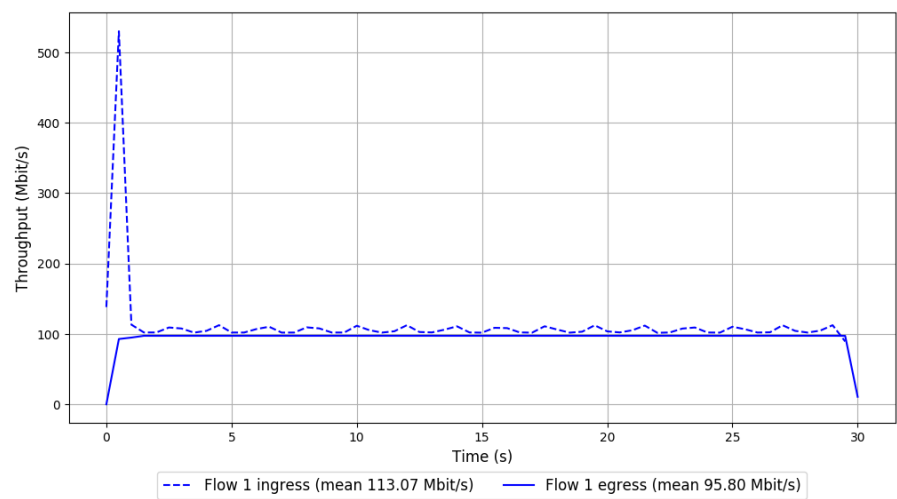


Run 8: Statistics of FillP

Start at: 2018-02-27 17:22:33
End at: 2018-02-27 17:23:03
Local clock offset: -8.549 ms
Remote clock offset: -5.847 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 111.229 ms
Loss rate: 15.20%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 111.229 ms
Loss rate: 15.20%

Run 8: Report of FillP — Data Link

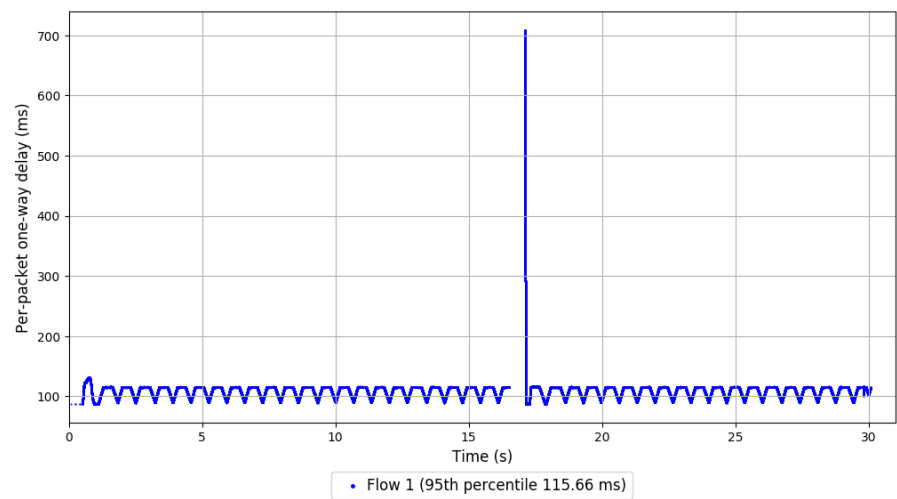
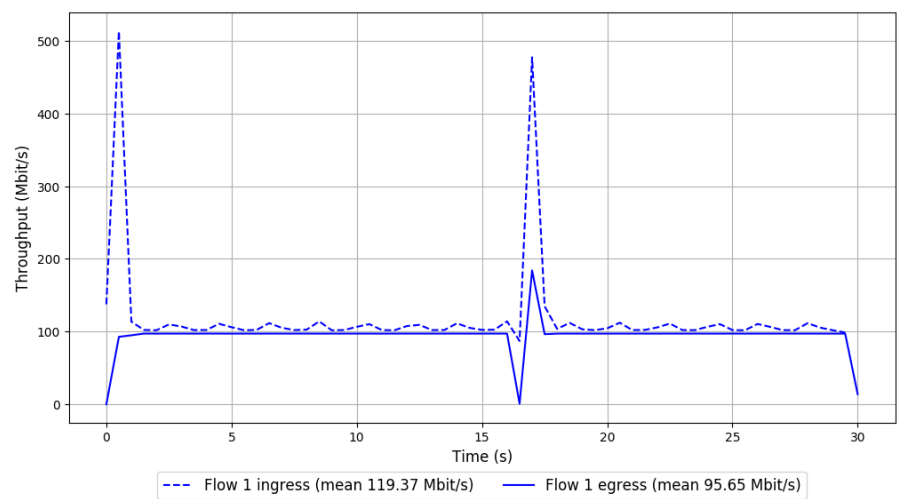


Run 9: Statistics of FillP

Start at: 2018-02-27 17:44:39
End at: 2018-02-27 17:45:09
Local clock offset: -9.275 ms
Remote clock offset: -0.281 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 115.658 ms
Loss rate: 19.80%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 115.658 ms
Loss rate: 19.80%

Run 9: Report of FillP — Data Link

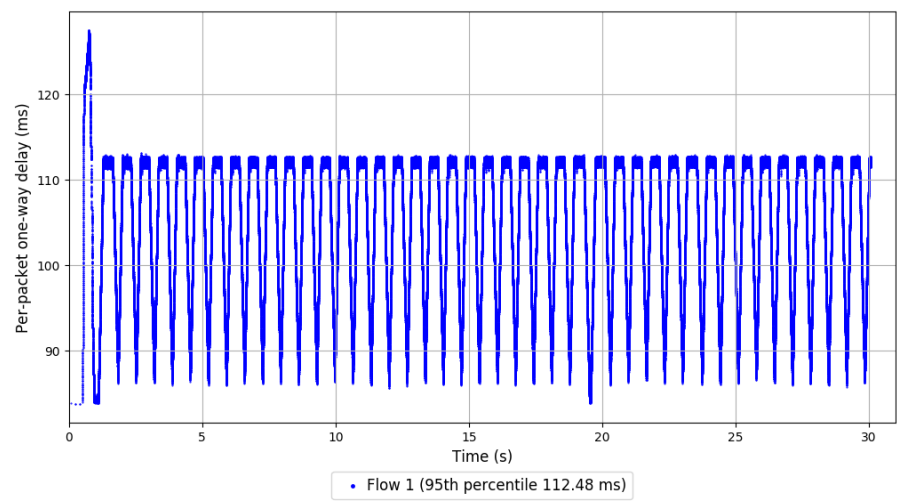
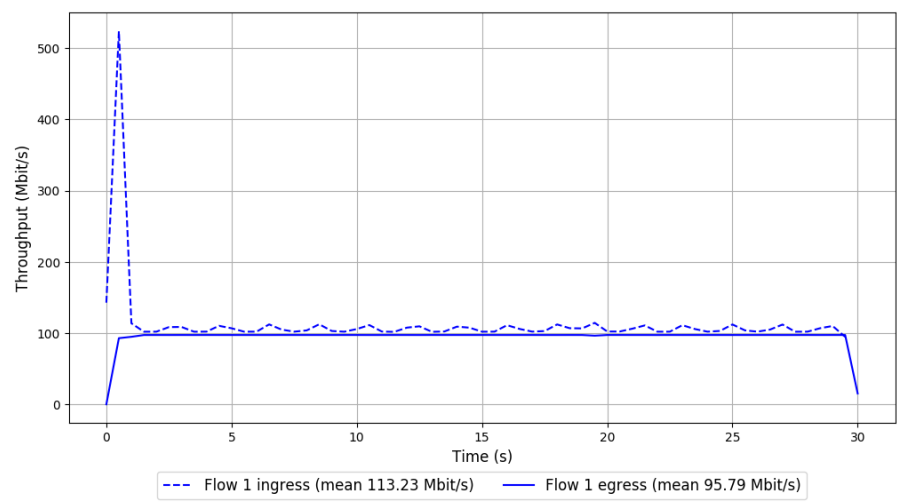


Run 10: Statistics of FillP

Start at: 2018-02-27 18:06:53
End at: 2018-02-27 18:07:23
Local clock offset: -5.94 ms
Remote clock offset: -5.219 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 112.485 ms
Loss rate: 15.33%
-- Flow 1:
Average throughput: 95.79 Mbit/s
95th percentile per-packet one-way delay: 112.485 ms
Loss rate: 15.33%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-02-27 14:49:18

End at: 2018-02-27 14:49:48

Local clock offset: -5.274 ms

Remote clock offset: -6.031 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.82 Mbit/s

95th percentile per-packet one-way delay: 101.970 ms

Loss rate: 3.15%

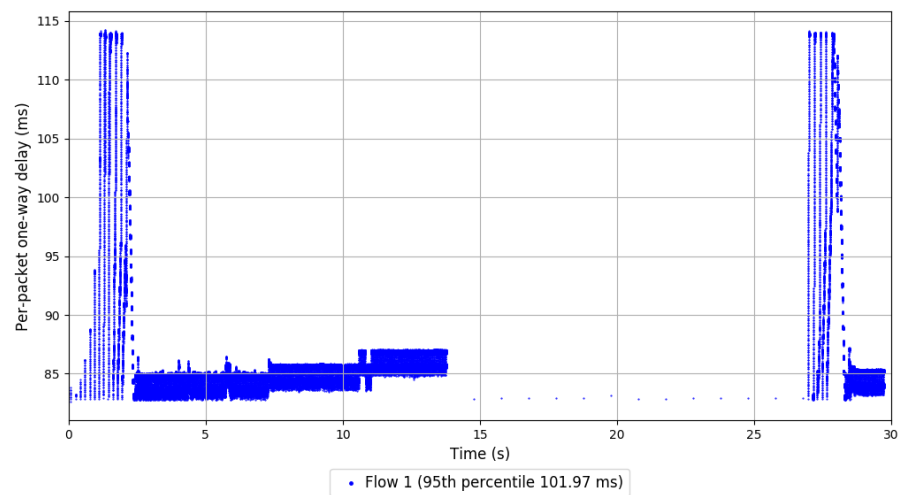
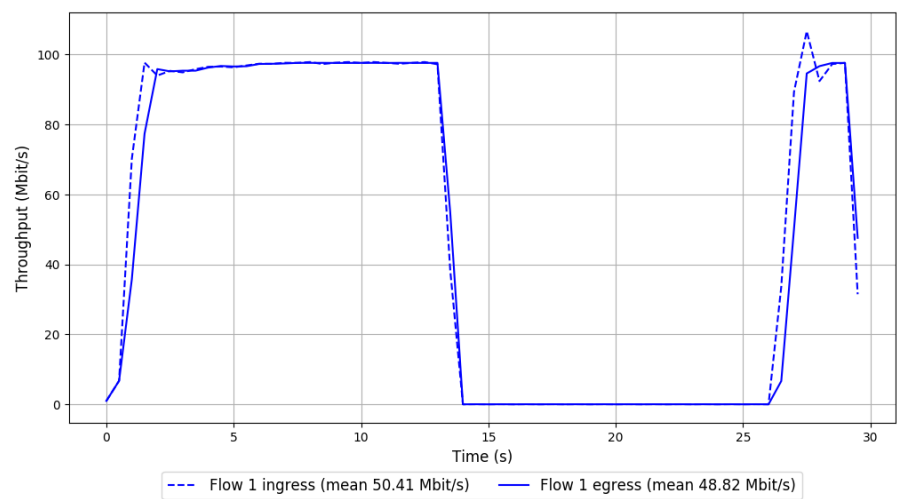
-- Flow 1:

Average throughput: 48.82 Mbit/s

95th percentile per-packet one-way delay: 101.970 ms

Loss rate: 3.15%

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

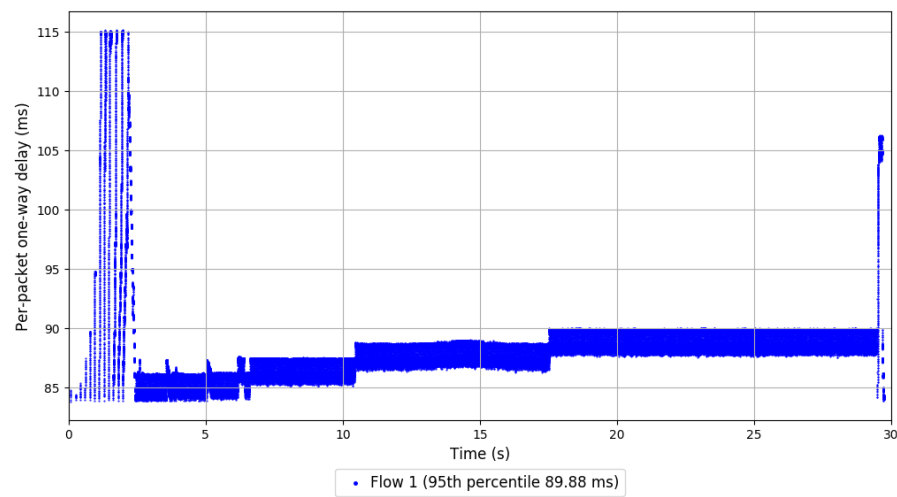
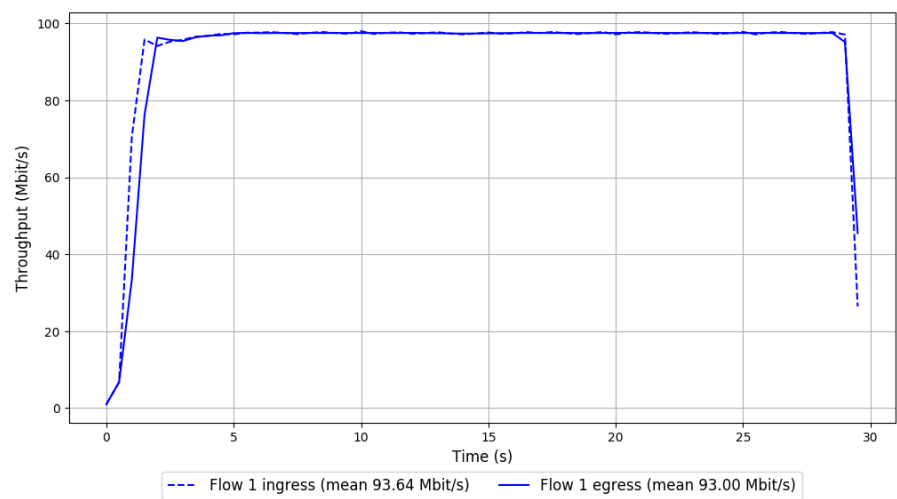


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-27 15:11:15
End at: 2018-02-27 15:11:45
Local clock offset: -5.331 ms
Remote clock offset: -4.934 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 89.876 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 89.876 ms
Loss rate: 0.69%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-27 15:33:34

End at: 2018-02-27 15:34:04

Local clock offset: -4.983 ms

Remote clock offset: -0.582 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 96.475 ms

Loss rate: 0.70%

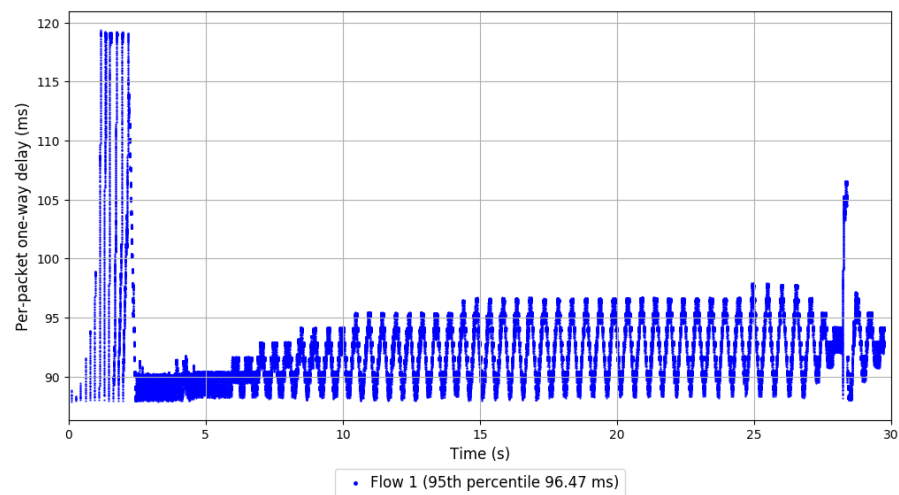
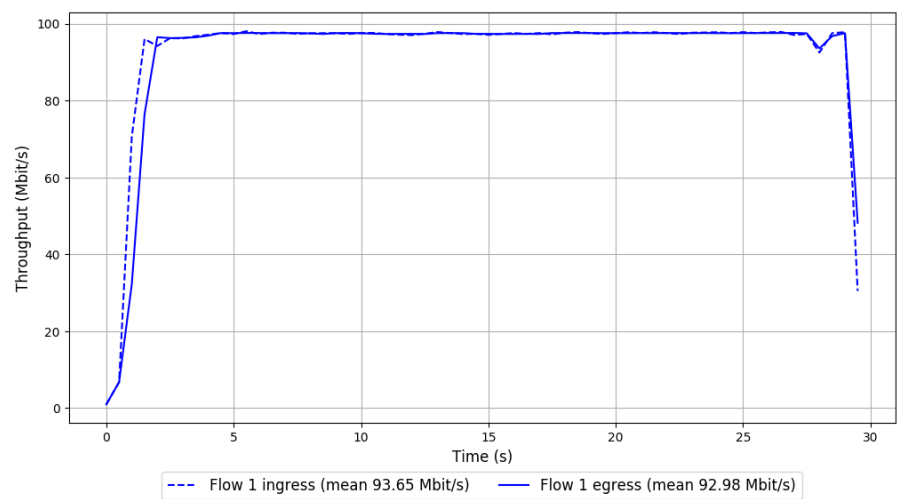
-- Flow 1:

Average throughput: 92.98 Mbit/s

95th percentile per-packet one-way delay: 96.475 ms

Loss rate: 0.70%

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

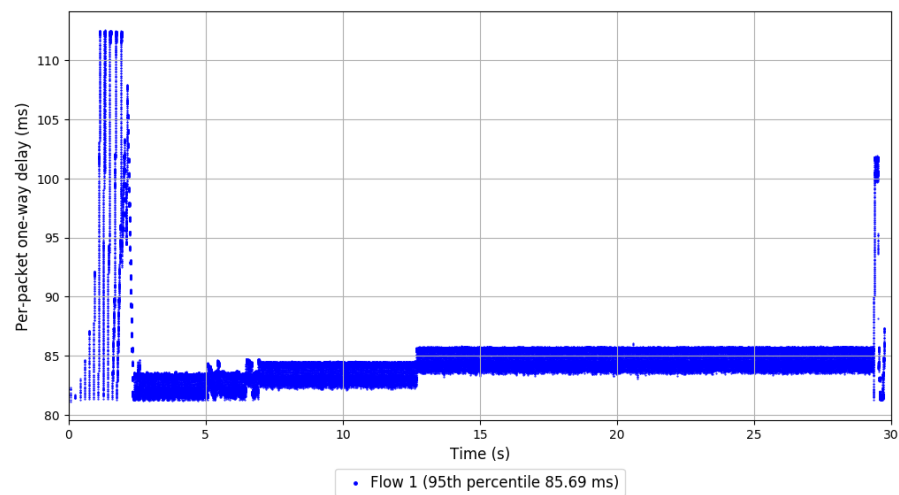
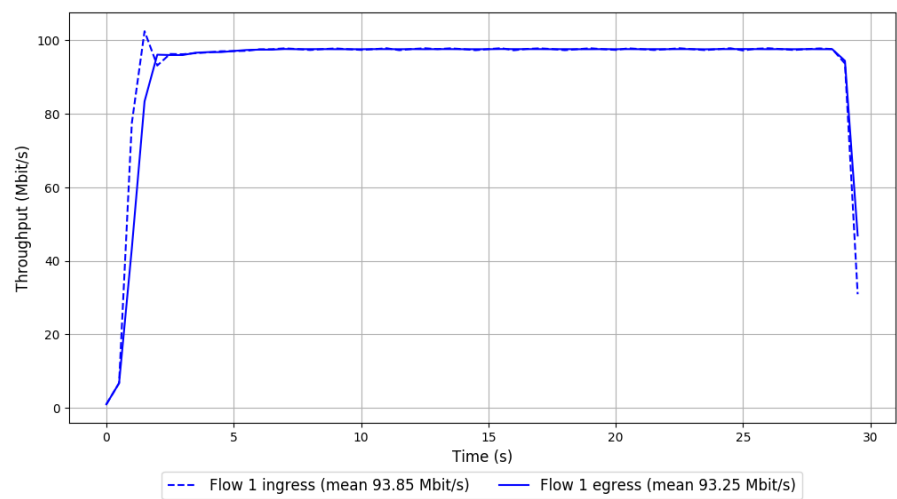


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-27 15:56:14
End at: 2018-02-27 15:56:44
Local clock offset: -3.119 ms
Remote clock offset: -5.854 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 85.686 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 93.25 Mbit/s
95th percentile per-packet one-way delay: 85.686 ms
Loss rate: 0.62%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-27 16:18:36

End at: 2018-02-27 16:19:06

Local clock offset: -6.052 ms

Remote clock offset: 0.472 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.18 Mbit/s

95th percentile per-packet one-way delay: 94.696 ms

Loss rate: 1.77%

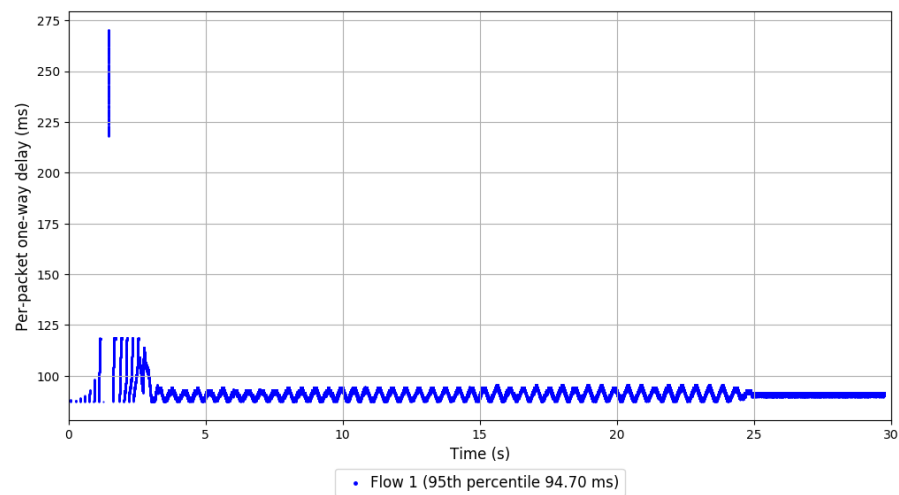
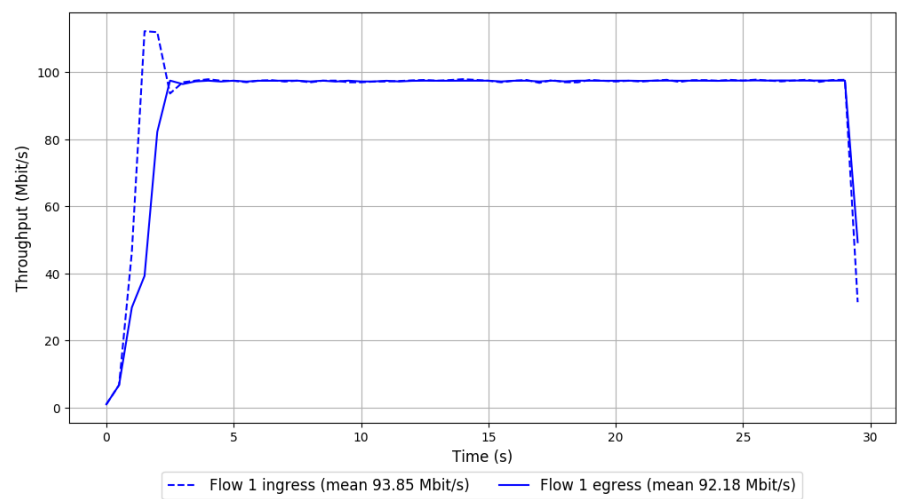
-- Flow 1:

Average throughput: 92.18 Mbit/s

95th percentile per-packet one-way delay: 94.696 ms

Loss rate: 1.77%

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

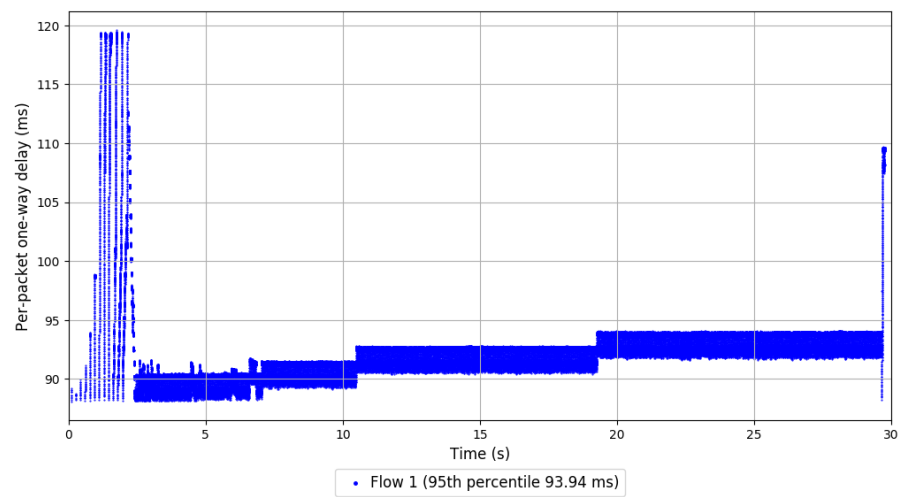
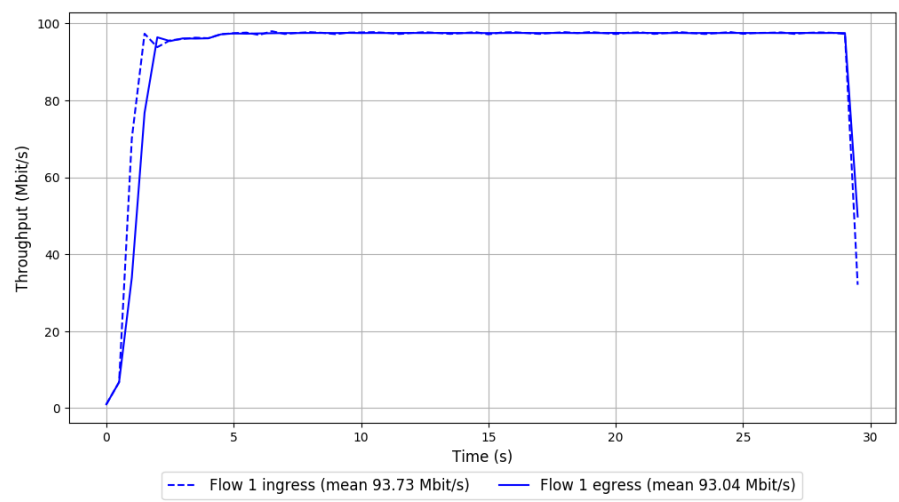


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-27 16:40:53
End at: 2018-02-27 16:41:23
Local clock offset: -8.128 ms
Remote clock offset: -1.105 ms

Below is generated by plot.py at 2018-02-27 19:03:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 93.938 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 93.04 Mbit/s
95th percentile per-packet one-way delay: 93.938 ms
Loss rate: 0.68%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-27 17:02:54

End at: 2018-02-27 17:03:24

Local clock offset: -7.991 ms

Remote clock offset: -5.073 ms

Below is generated by plot.py at 2018-02-27 19:03:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.70 Mbit/s

95th percentile per-packet one-way delay: 86.233 ms

Loss rate: 0.67%

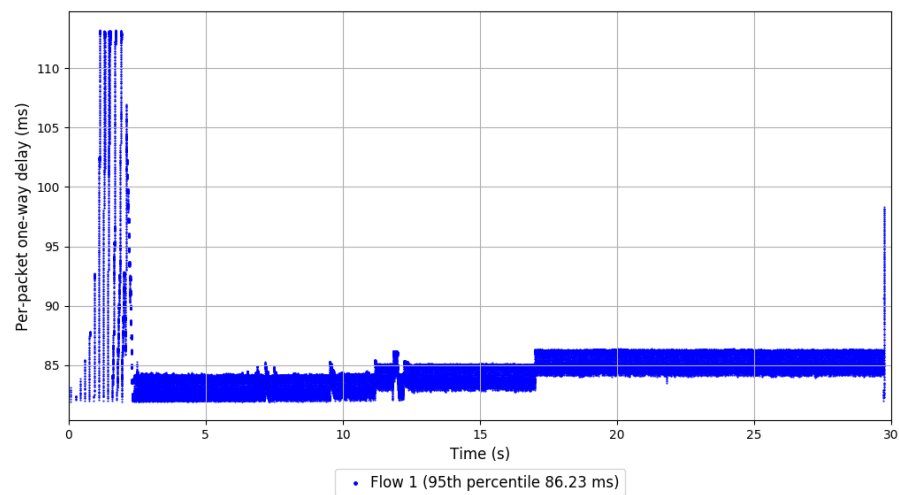
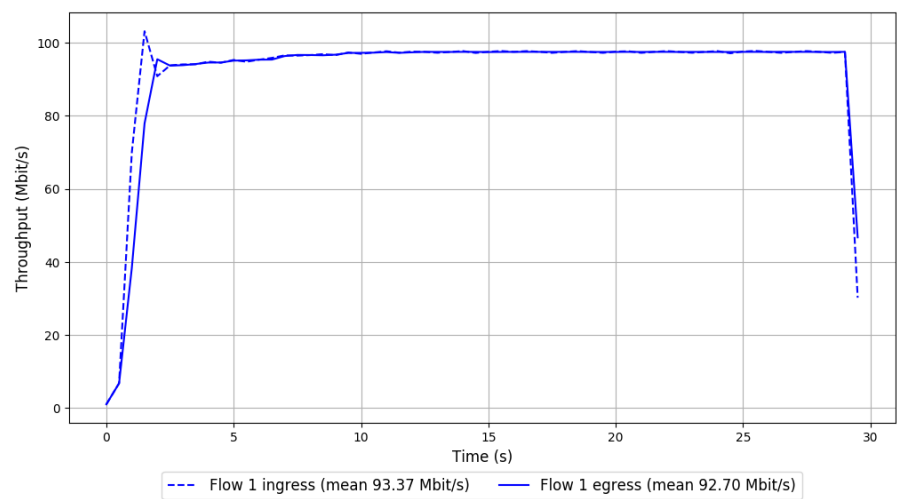
-- Flow 1:

Average throughput: 92.70 Mbit/s

95th percentile per-packet one-way delay: 86.233 ms

Loss rate: 0.67%

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

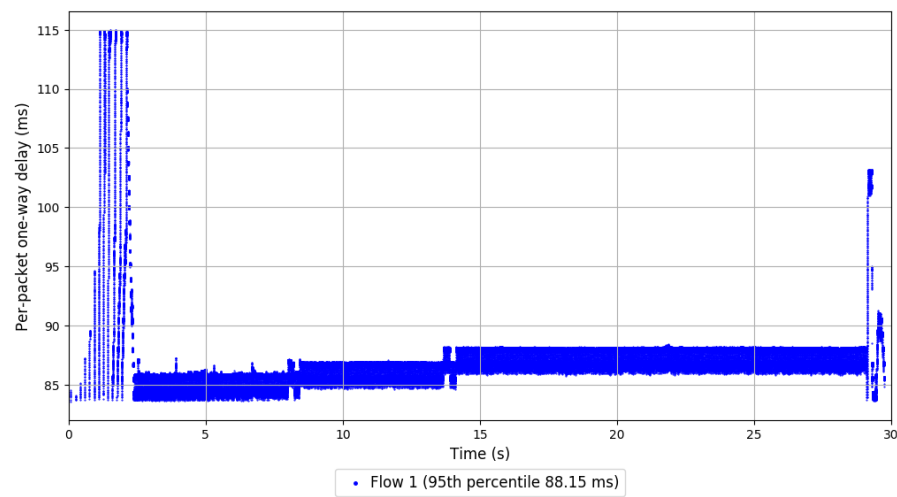
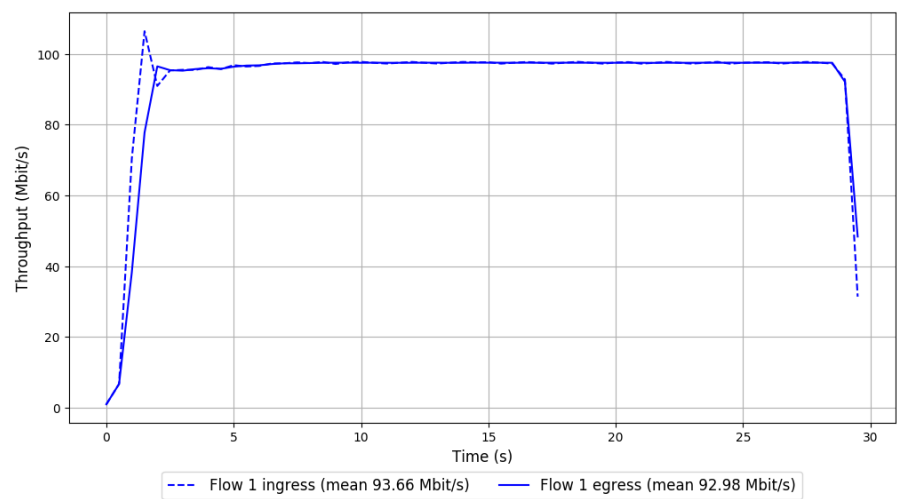


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-27 17:24:57
End at: 2018-02-27 17:25:27
Local clock offset: -8.631 ms
Remote clock offset: -5.051 ms

Below is generated by plot.py at 2018-02-27 19:03:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 88.148 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 92.98 Mbit/s
95th percentile per-packet one-way delay: 88.148 ms
Loss rate: 0.72%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-27 17:47:04

End at: 2018-02-27 17:47:34

Local clock offset: -9.384 ms

Remote clock offset: -5.948 ms

Below is generated by plot.py at 2018-02-27 19:03:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.92 Mbit/s

95th percentile per-packet one-way delay: 88.821 ms

Loss rate: 0.68%

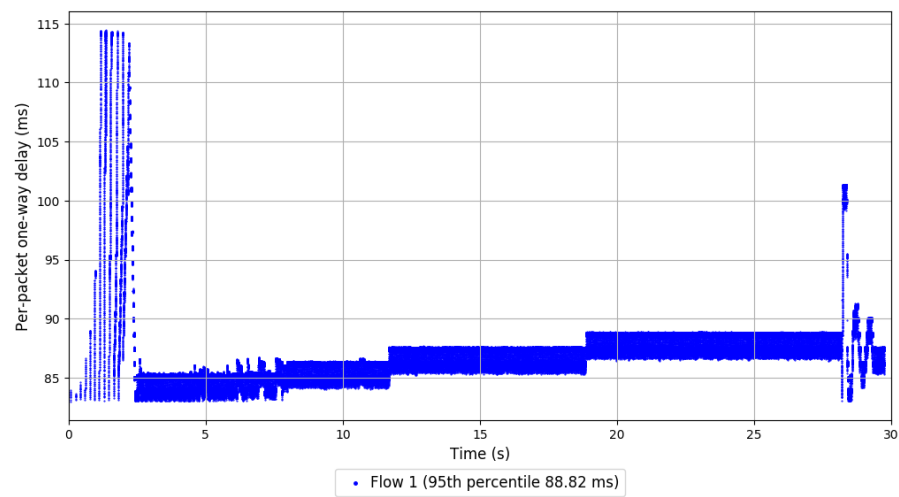
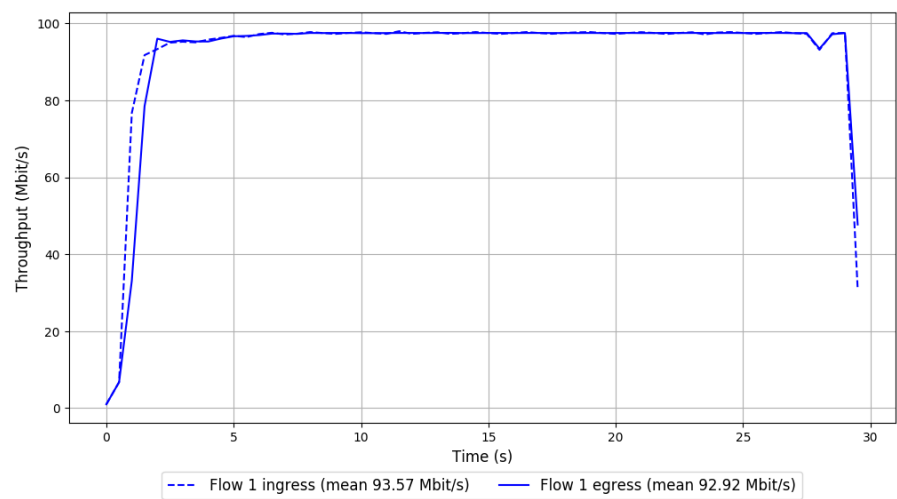
-- Flow 1:

Average throughput: 92.92 Mbit/s

95th percentile per-packet one-way delay: 88.821 ms

Loss rate: 0.68%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-27 18:09:17

End at: 2018-02-27 18:09:47

Local clock offset: -5.804 ms

Remote clock offset: 0.463 ms

Below is generated by plot.py at 2018-02-27 19:03:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.02 Mbit/s

95th percentile per-packet one-way delay: 92.966 ms

Loss rate: 0.65%

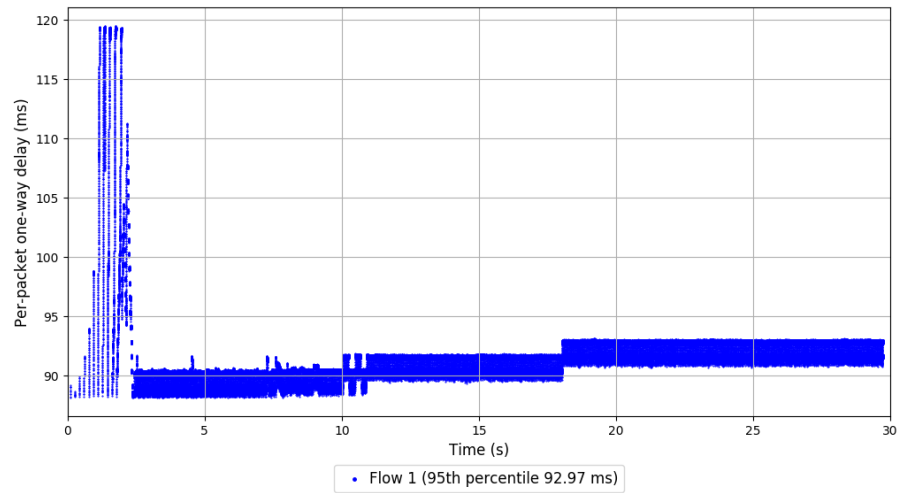
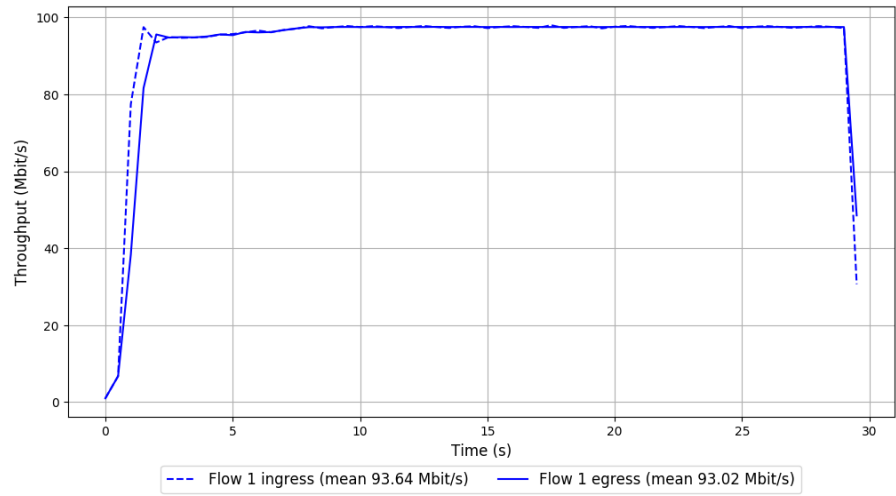
-- Flow 1:

Average throughput: 93.02 Mbit/s

95th percentile per-packet one-way delay: 92.966 ms

Loss rate: 0.65%

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

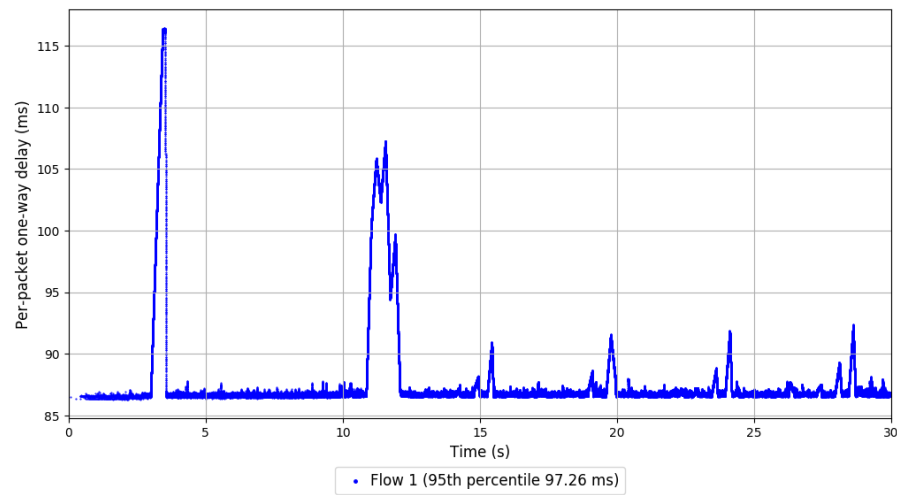
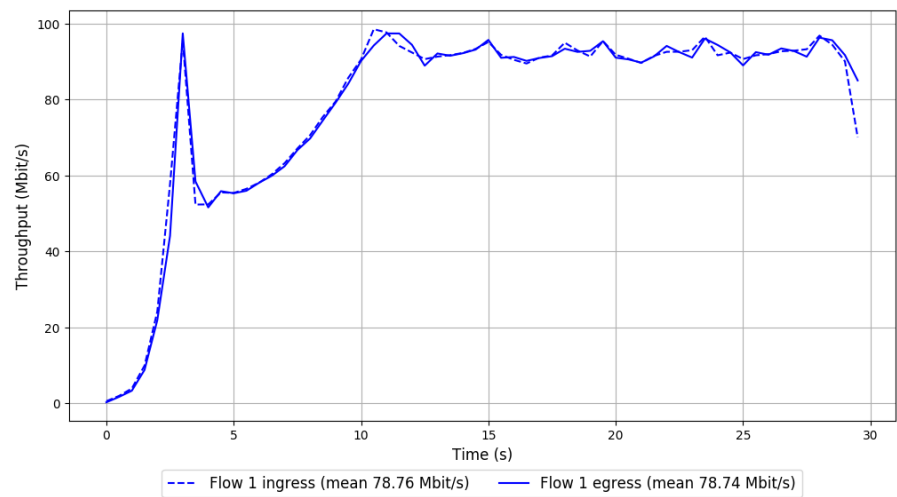


Run 1: Statistics of Vivace-latency

Start at: 2018-02-27 14:45:40
End at: 2018-02-27 14:46:10
Local clock offset: -5.269 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2018-02-27 19:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.74 Mbit/s
95th percentile per-packet one-way delay: 97.260 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 78.74 Mbit/s
95th percentile per-packet one-way delay: 97.260 ms
Loss rate: 0.03%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-02-27 15:07:37

End at: 2018-02-27 15:08:07

Local clock offset: -5.324 ms

Remote clock offset: -5.15 ms

Below is generated by plot.py at 2018-02-27 19:03:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.50 Mbit/s

95th percentile per-packet one-way delay: 92.447 ms

Loss rate: 0.04%

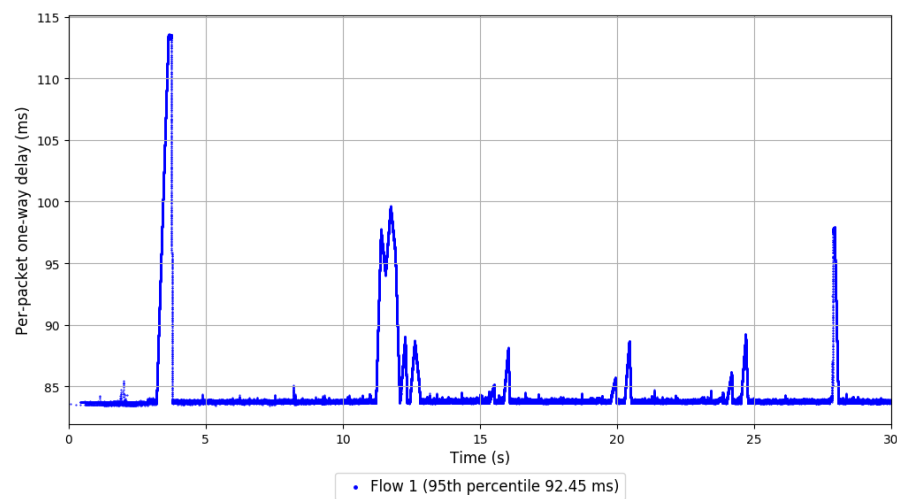
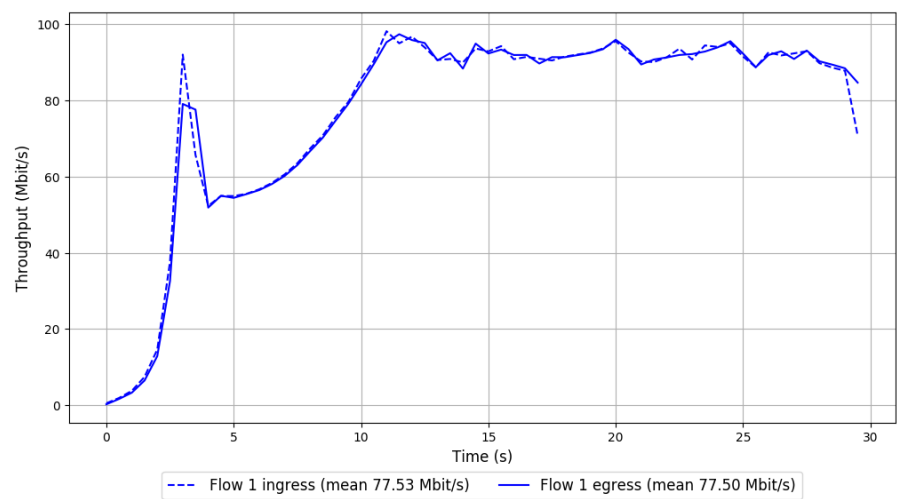
-- Flow 1:

Average throughput: 77.50 Mbit/s

95th percentile per-packet one-way delay: 92.447 ms

Loss rate: 0.04%

Run 2: Report of Vivace-latency — Data Link

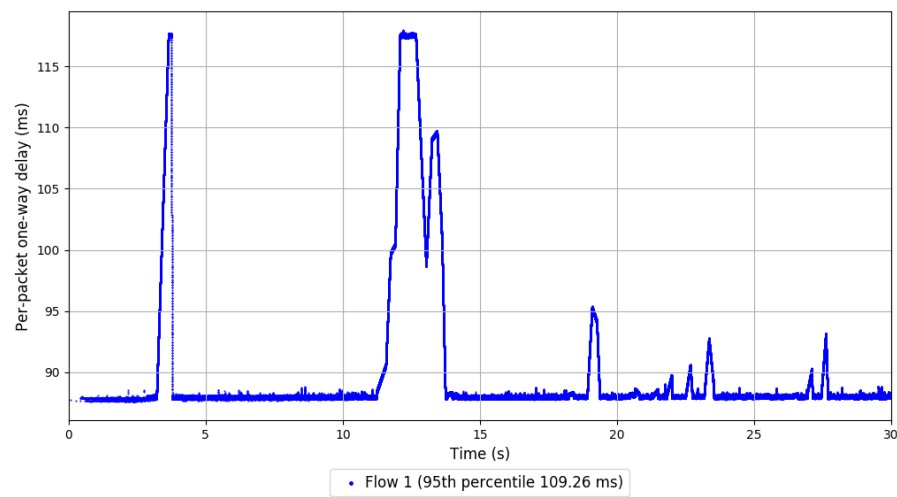
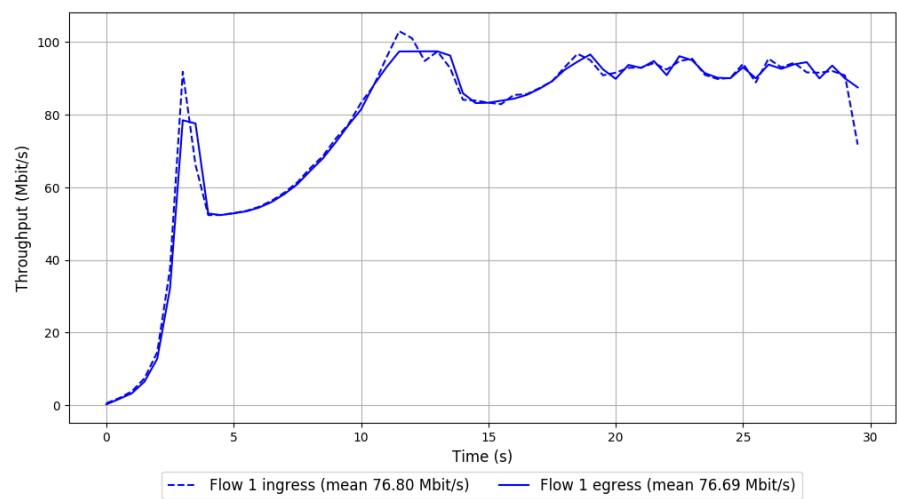


Run 3: Statistics of Vivace-latency

Start at: 2018-02-27 15:29:56
End at: 2018-02-27 15:30:26
Local clock offset: -5.216 ms
Remote clock offset: -0.643 ms

Below is generated by plot.py at 2018-02-27 19:04:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 109.263 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 109.263 ms
Loss rate: 0.14%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-02-27 15:52:33

End at: 2018-02-27 15:53:03

Local clock offset: -3.282 ms

Remote clock offset: -5.77 ms

Below is generated by plot.py at 2018-02-27 19:04:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.16 Mbit/s

95th percentile per-packet one-way delay: 93.506 ms

Loss rate: 0.03%

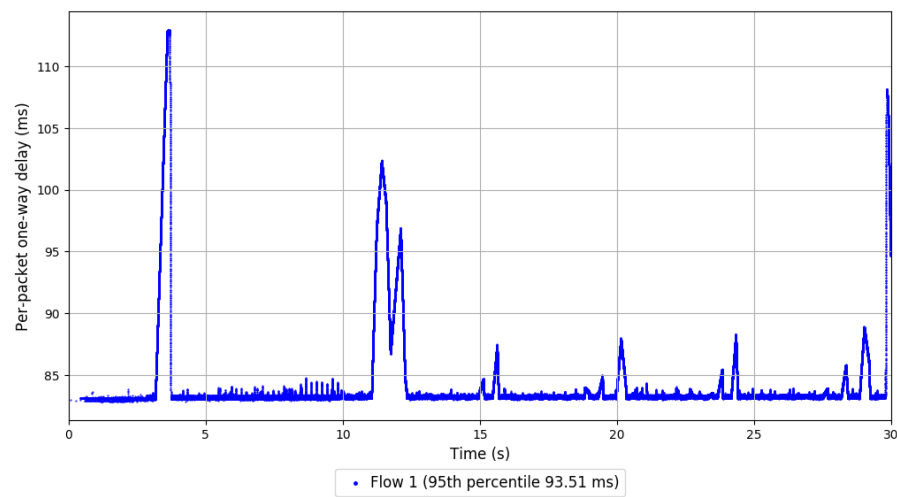
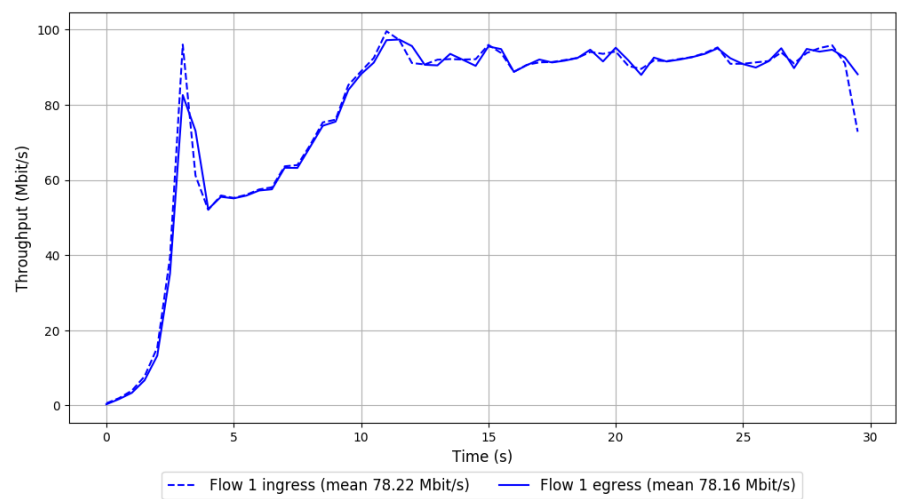
-- Flow 1:

Average throughput: 78.16 Mbit/s

95th percentile per-packet one-way delay: 93.506 ms

Loss rate: 0.03%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-27 16:14:58

End at: 2018-02-27 16:15:28

Local clock offset: -5.421 ms

Remote clock offset: -1.17 ms

Below is generated by plot.py at 2018-02-27 19:04:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.25 Mbit/s

95th percentile per-packet one-way delay: 113.927 ms

Loss rate: 0.10%

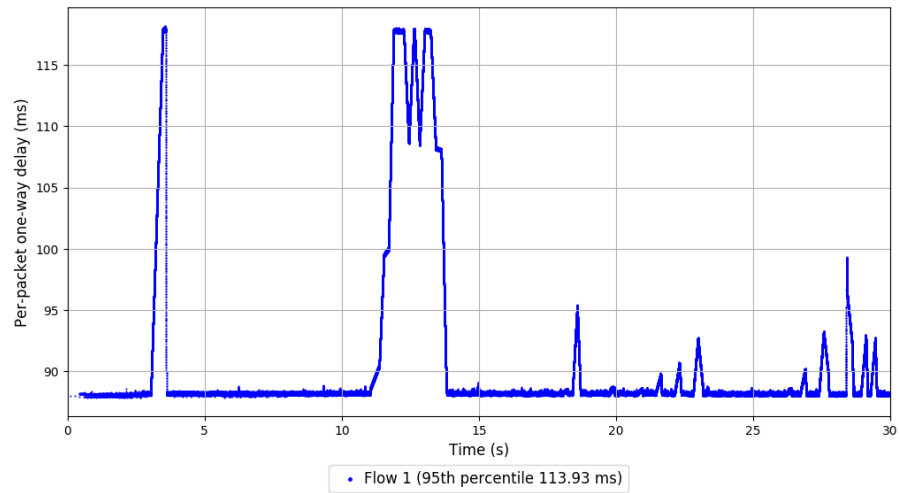
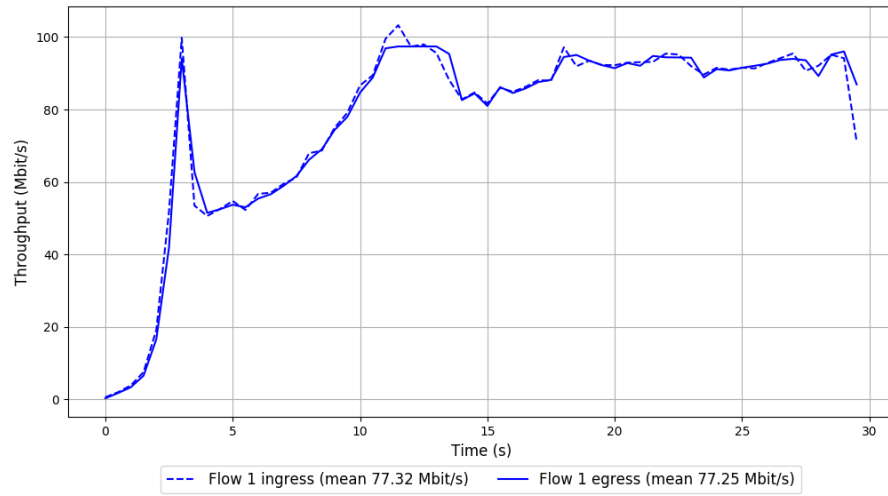
-- Flow 1:

Average throughput: 77.25 Mbit/s

95th percentile per-packet one-way delay: 113.927 ms

Loss rate: 0.10%

Run 5: Report of Vivace-latency — Data Link

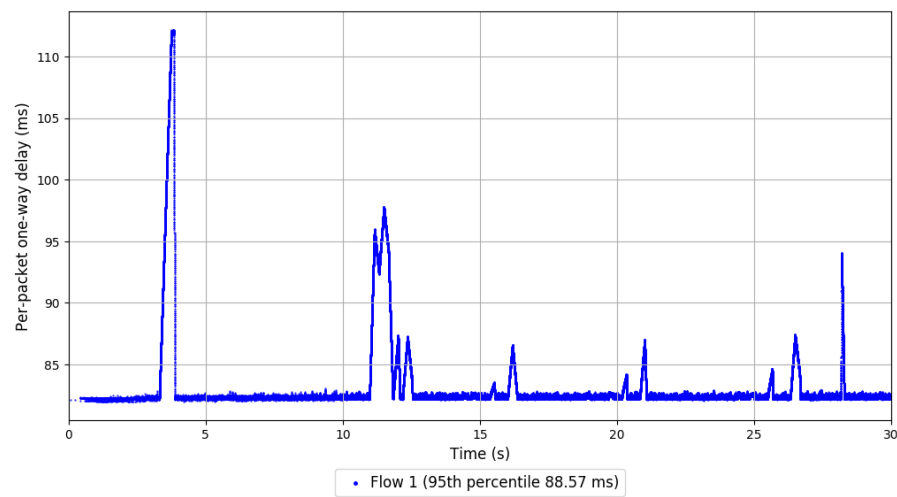
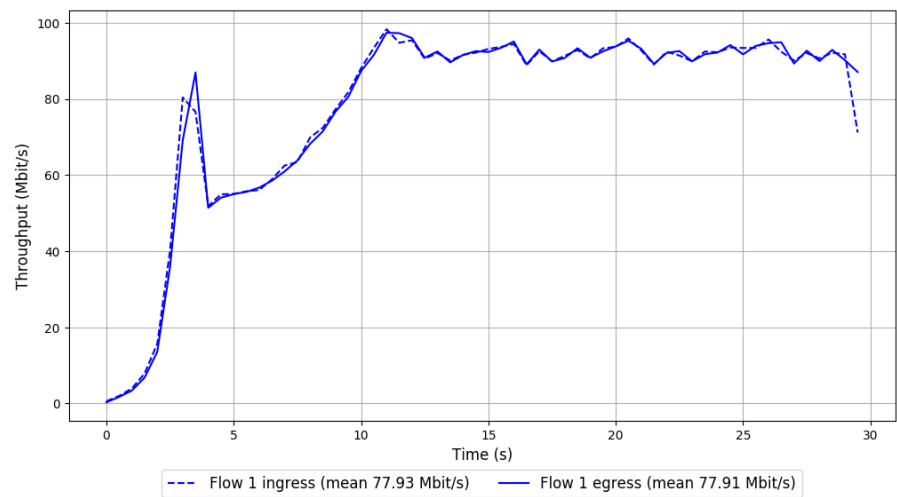


Run 6: Statistics of Vivace-latency

Start at: 2018-02-27 16:37:15
End at: 2018-02-27 16:37:45
Local clock offset: -7.915 ms
Remote clock offset: -5.064 ms

Below is generated by plot.py at 2018-02-27 19:04:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.91 Mbit/s
95th percentile per-packet one-way delay: 88.566 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.91 Mbit/s
95th percentile per-packet one-way delay: 88.566 ms
Loss rate: 0.03%

Run 6: Report of Vivace-latency — Data Link

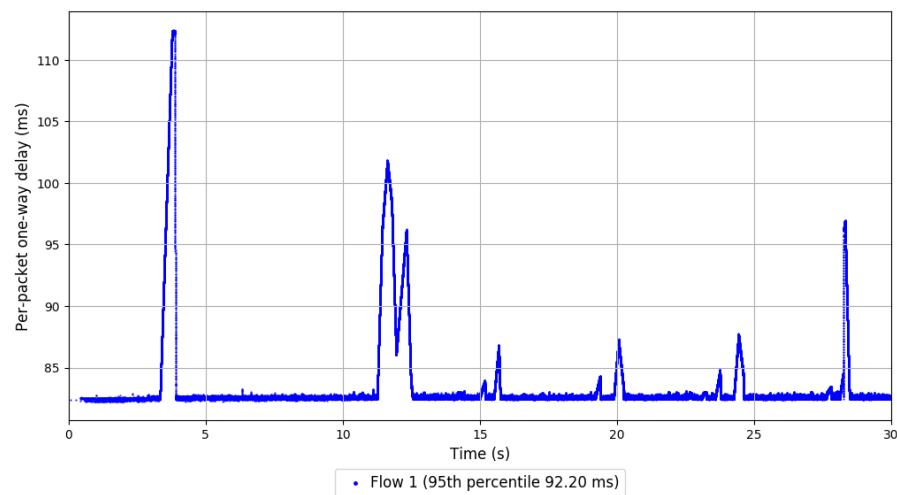
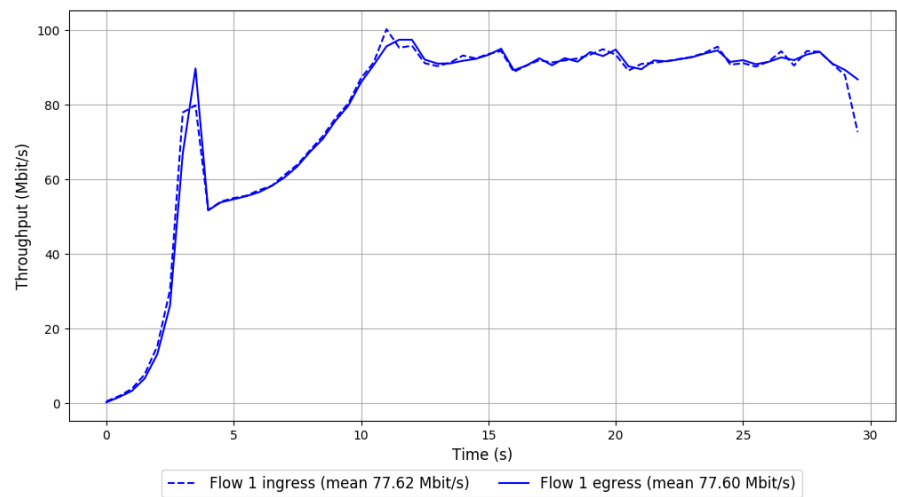


Run 7: Statistics of Vivace-latency

Start at: 2018-02-27 16:59:16
End at: 2018-02-27 16:59:46
Local clock offset: -7.898 ms
Remote clock offset: -4.945 ms

Below is generated by plot.py at 2018-02-27 19:04:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.60 Mbit/s
95th percentile per-packet one-way delay: 92.204 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.60 Mbit/s
95th percentile per-packet one-way delay: 92.204 ms
Loss rate: 0.03%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-02-27 17:21:18

End at: 2018-02-27 17:21:48

Local clock offset: -8.526 ms

Remote clock offset: 0.697 ms

Below is generated by plot.py at 2018-02-27 19:04:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 97.000 ms

Loss rate: 0.03%

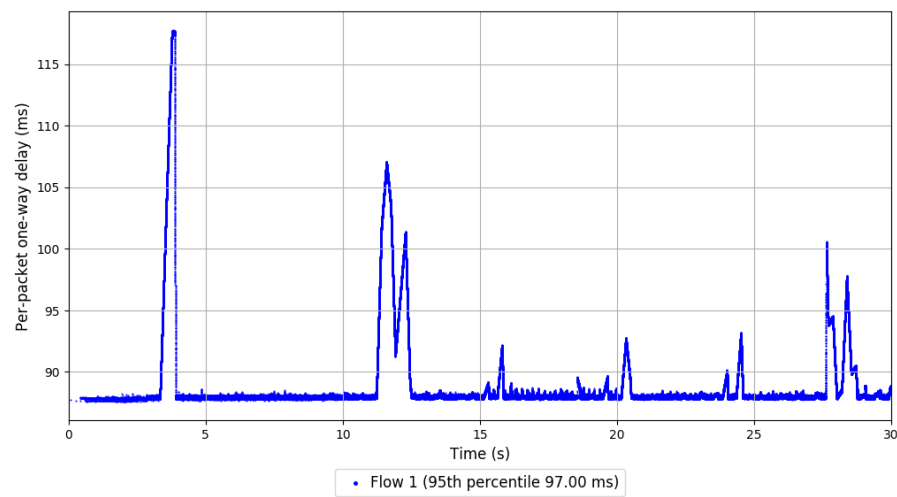
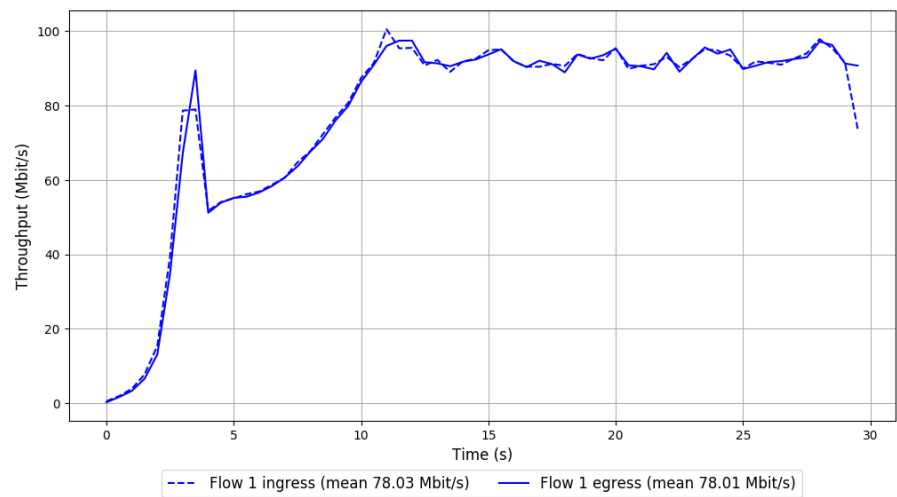
-- Flow 1:

Average throughput: 78.01 Mbit/s

95th percentile per-packet one-way delay: 97.000 ms

Loss rate: 0.03%

Run 8: Report of Vivace-latency — Data Link

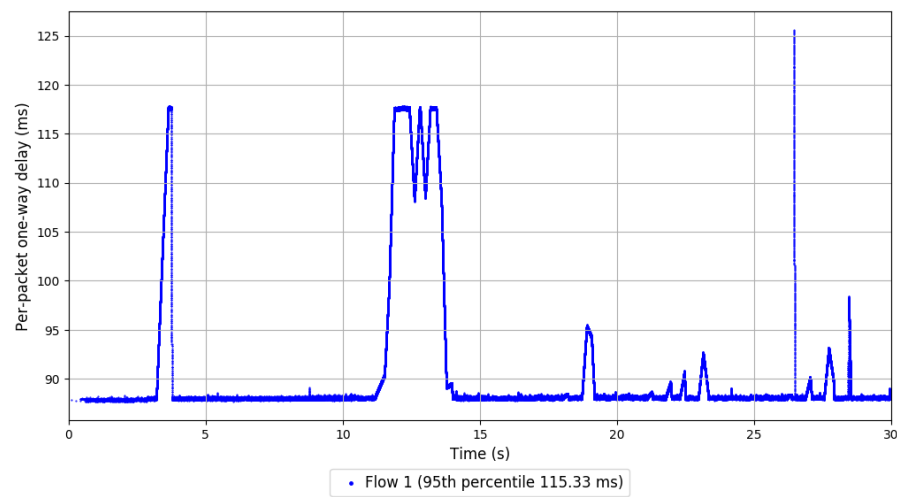
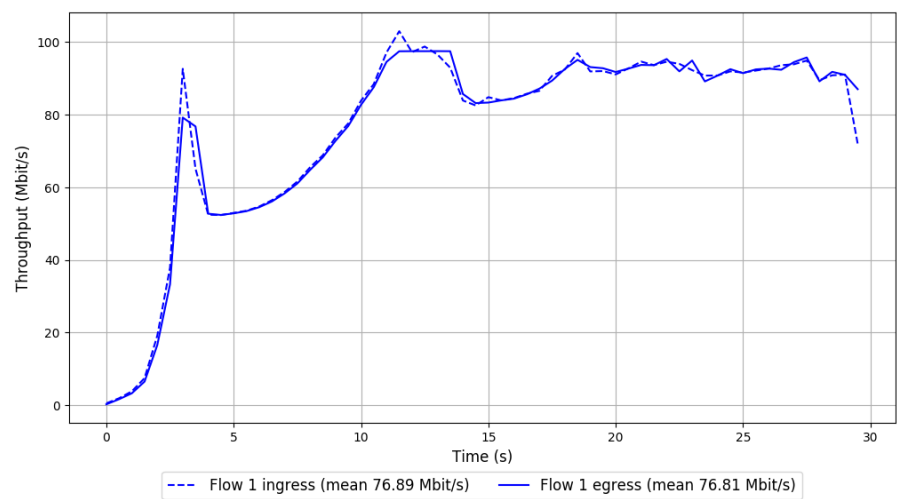


Run 9: Statistics of Vivace-latency

Start at: 2018-02-27 17:43:23
End at: 2018-02-27 17:43:53
Local clock offset: -9.242 ms
Remote clock offset: -1.095 ms

Below is generated by plot.py at 2018-02-27 19:04:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 115.333 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 115.333 ms
Loss rate: 0.10%

Run 9: Report of Vivace-latency — Data Link

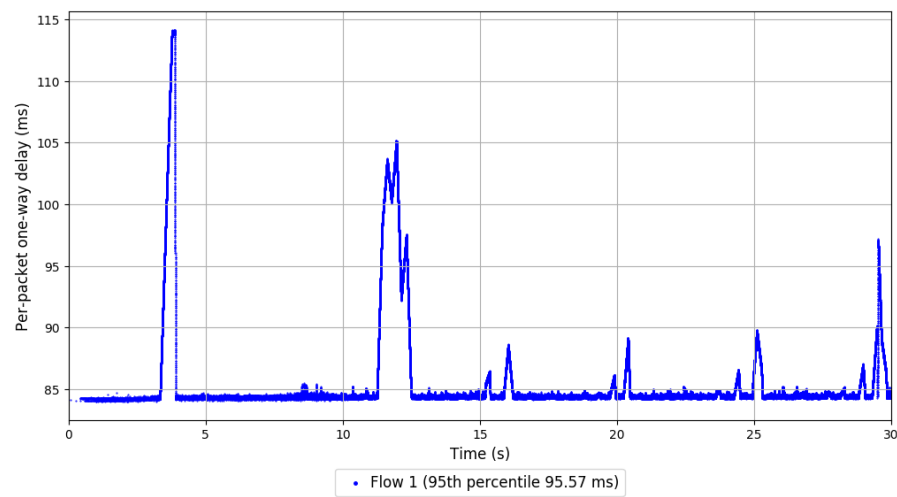
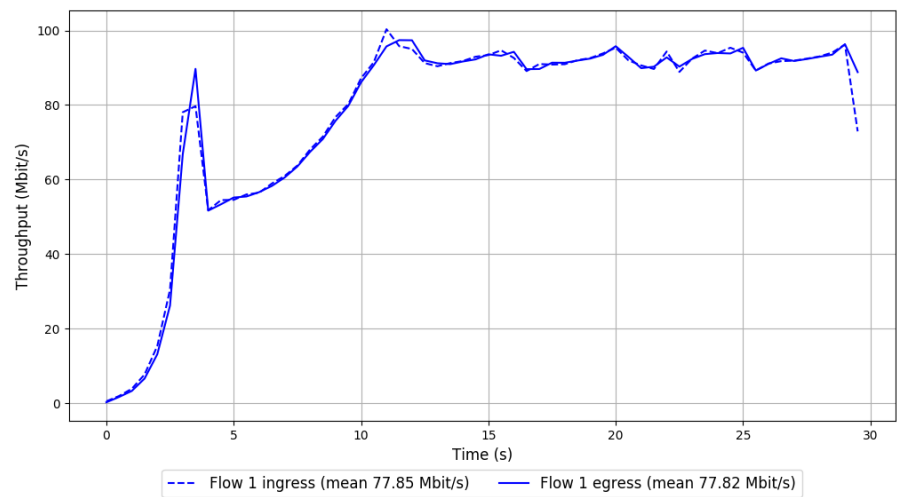


Run 10: Statistics of Vivace-latency

Start at: 2018-02-27 18:05:38
End at: 2018-02-27 18:06:08
Local clock offset: -5.959 ms
Remote clock offset: -5.146 ms

Below is generated by plot.py at 2018-02-27 19:04:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 95.570 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: 95.570 ms
Loss rate: 0.04%

Run 10: Report of Vivace-latency — Data Link

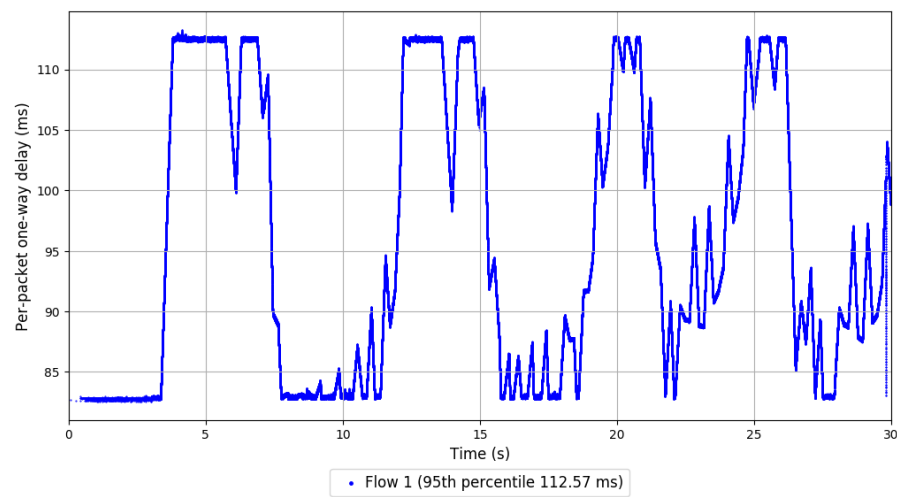
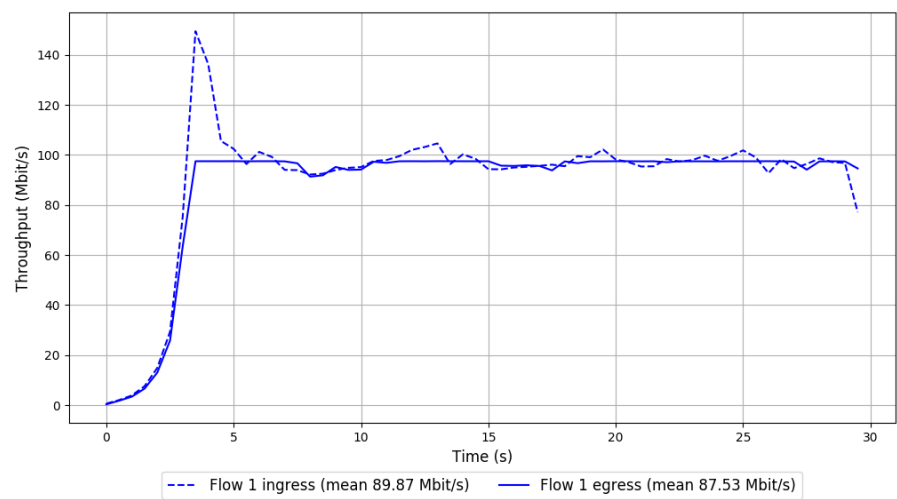


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-27 14:54:08
End at: 2018-02-27 14:54:38
Local clock offset: -5.161 ms
Remote clock offset: -6.008 ms

# Below is generated by plot.py at 2018-02-27 19:05:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 112.568 ms
Loss rate: 2.56%
-- Flow 1:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 112.568 ms
Loss rate: 2.56%
```

Run 1: Report of Vivace-loss — Data Link

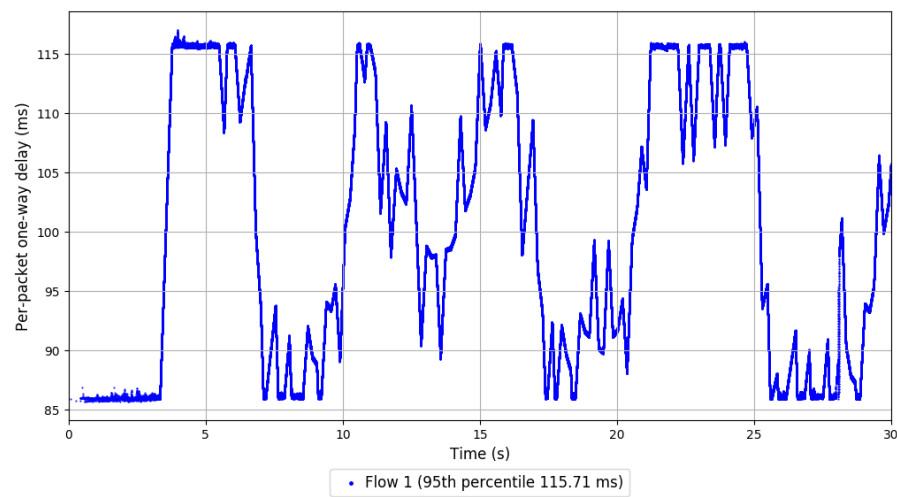
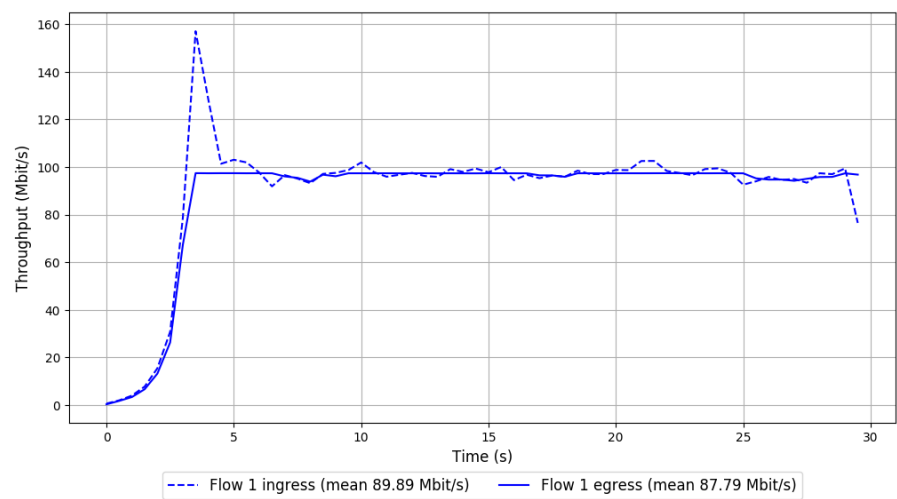


Run 2: Statistics of Vivace-loss

Start at: 2018-02-27 15:16:09
End at: 2018-02-27 15:16:39
Local clock offset: -5.335 ms
Remote clock offset: -0.732 ms

Below is generated by plot.py at 2018-02-27 19:05:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 115.712 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 115.712 ms
Loss rate: 2.27%

Run 2: Report of Vivace-loss — Data Link

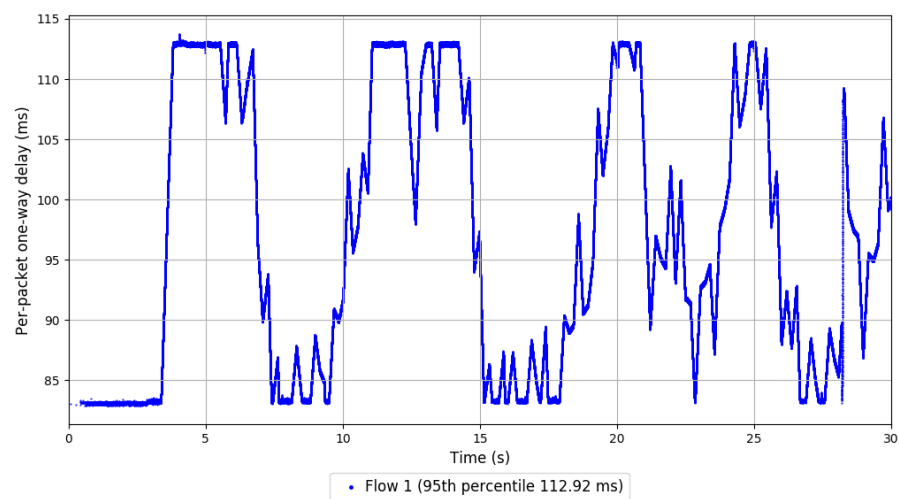
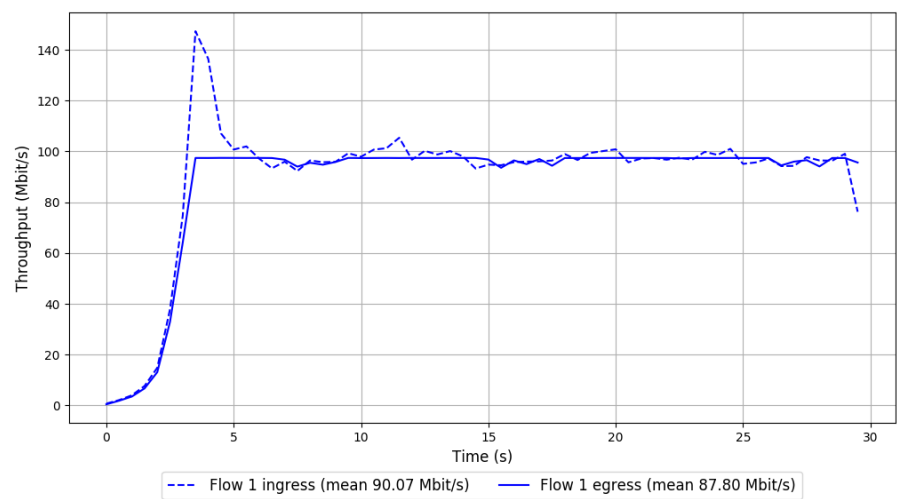


Run 3: Statistics of Vivace-loss

Start at: 2018-02-27 15:38:26
End at: 2018-02-27 15:38:56
Local clock offset: -4.326 ms
Remote clock offset: -5.481 ms

Below is generated by plot.py at 2018-02-27 19:05:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.80 Mbit/s
95th percentile per-packet one-way delay: 112.922 ms
Loss rate: 2.48%
-- Flow 1:
Average throughput: 87.80 Mbit/s
95th percentile per-packet one-way delay: 112.922 ms
Loss rate: 2.48%

Run 3: Report of Vivace-loss — Data Link

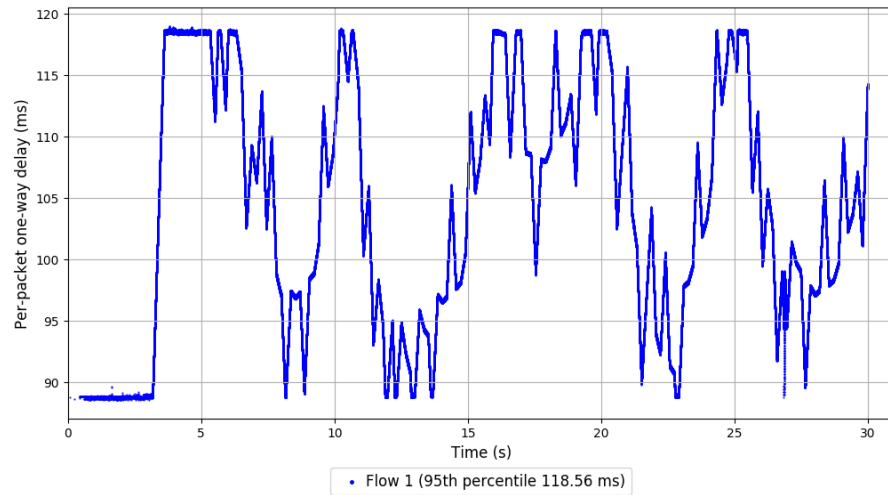
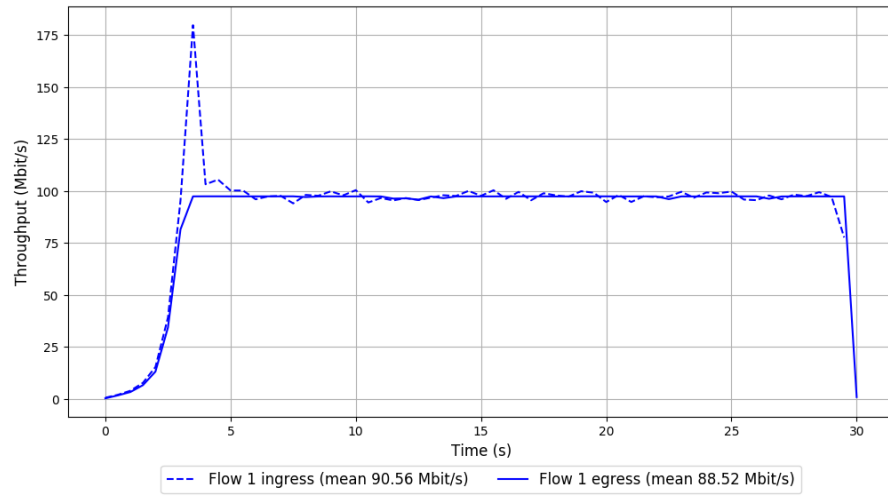


Run 4: Statistics of Vivace-loss

Start at: 2018-02-27 16:01:09
End at: 2018-02-27 16:01:39
Local clock offset: -2.943 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-02-27 19:05:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.52 Mbit/s
95th percentile per-packet one-way delay: 118.556 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 88.52 Mbit/s
95th percentile per-packet one-way delay: 118.556 ms
Loss rate: 2.17%

Run 4: Report of Vivace-loss — Data Link

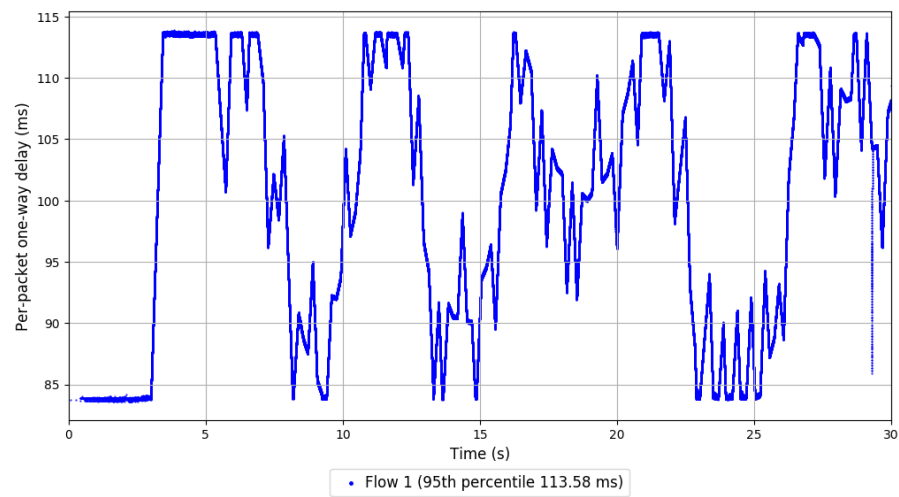
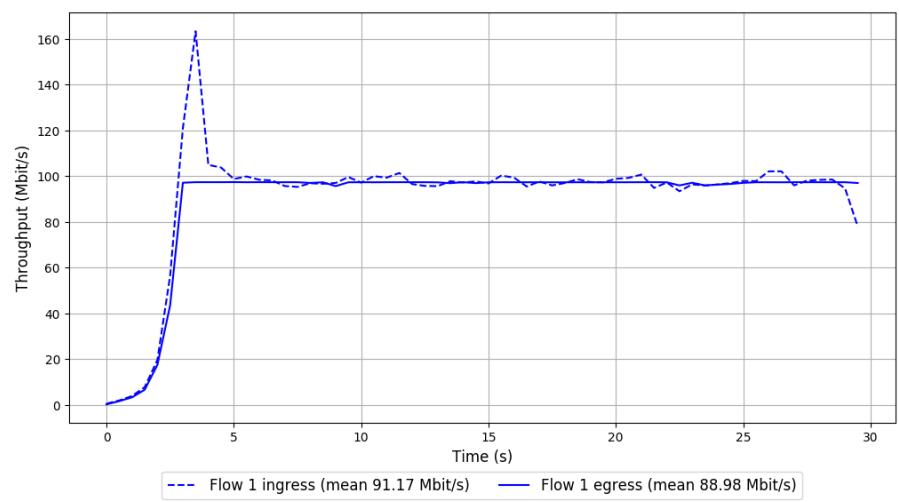


Run 5: Statistics of Vivace-loss

Start at: 2018-02-27 16:23:29
End at: 2018-02-27 16:23:59
Local clock offset: -6.709 ms
Remote clock offset: -5.067 ms

Below is generated by plot.py at 2018-02-27 19:06:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.98 Mbit/s
95th percentile per-packet one-way delay: 113.577 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 88.98 Mbit/s
95th percentile per-packet one-way delay: 113.577 ms
Loss rate: 2.33%

Run 5: Report of Vivace-loss — Data Link

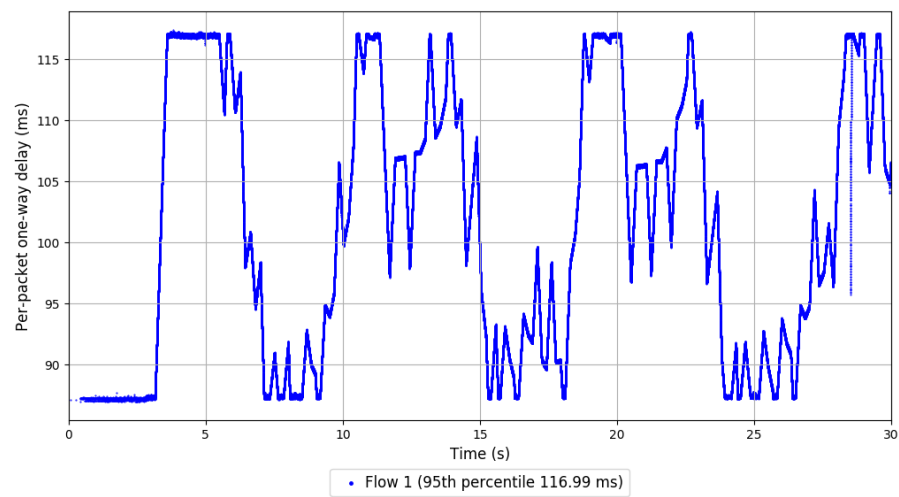
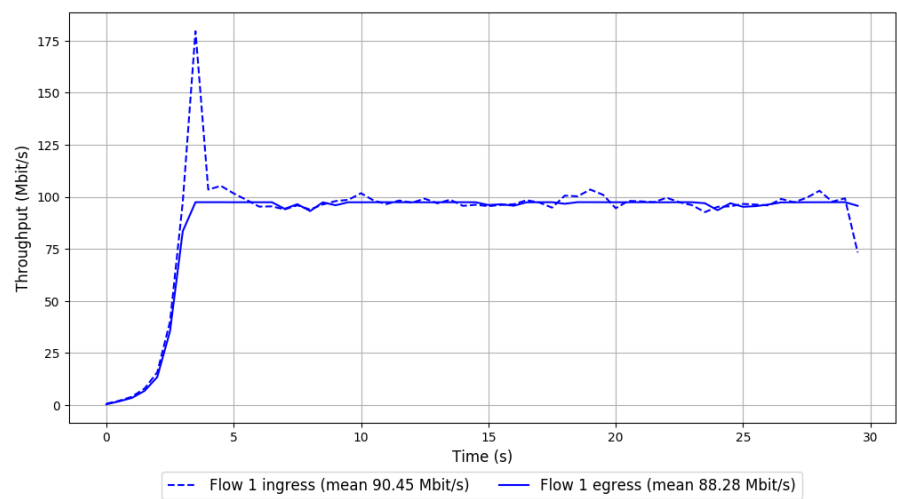


Run 6: Statistics of Vivace-loss

Start at: 2018-02-27 16:45:46
End at: 2018-02-27 16:46:16
Local clock offset: -7.845 ms
Remote clock offset: -0.313 ms

Below is generated by plot.py at 2018-02-27 19:06:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 116.994 ms
Loss rate: 2.35%
-- Flow 1:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 116.994 ms
Loss rate: 2.35%

Run 6: Report of Vivace-loss — Data Link

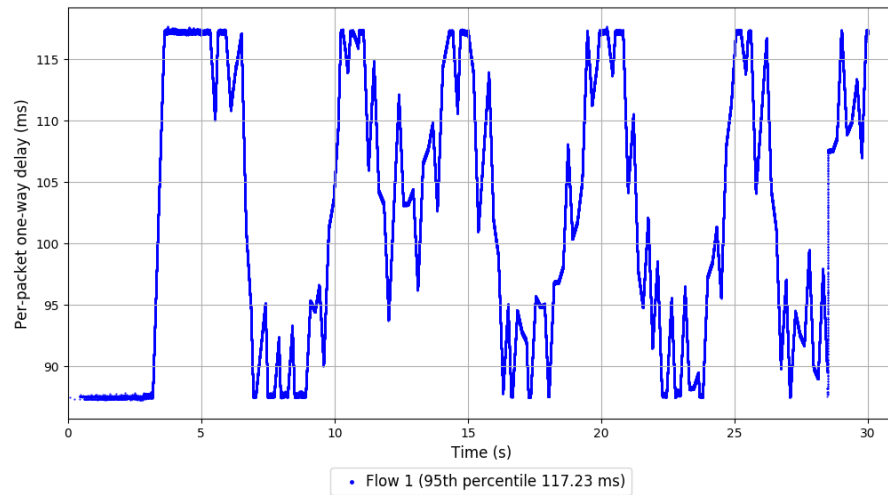
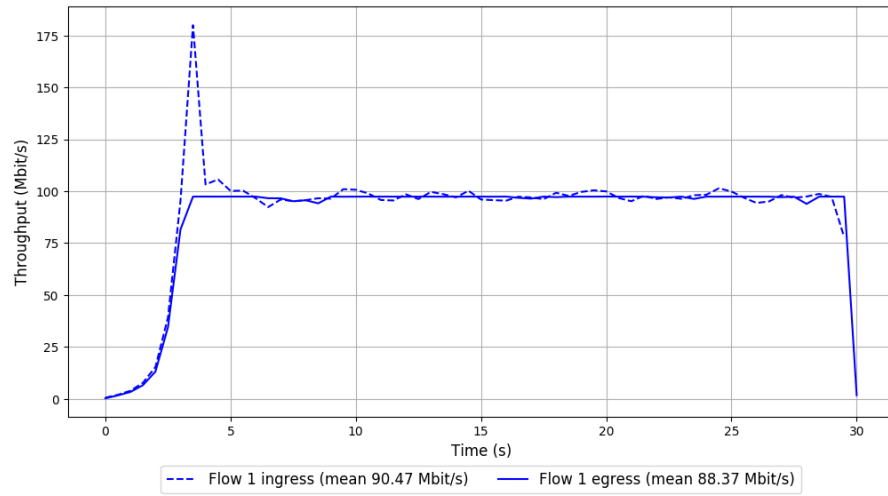


Run 7: Statistics of Vivace-loss

Start at: 2018-02-27 17:07:48
End at: 2018-02-27 17:08:18
Local clock offset: -8.132 ms
Remote clock offset: -0.208 ms

Below is generated by plot.py at 2018-02-27 19:06:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 117.229 ms
Loss rate: 2.22%
-- Flow 1:
Average throughput: 88.37 Mbit/s
95th percentile per-packet one-way delay: 117.229 ms
Loss rate: 2.22%

Run 7: Report of Vivace-loss — Data Link

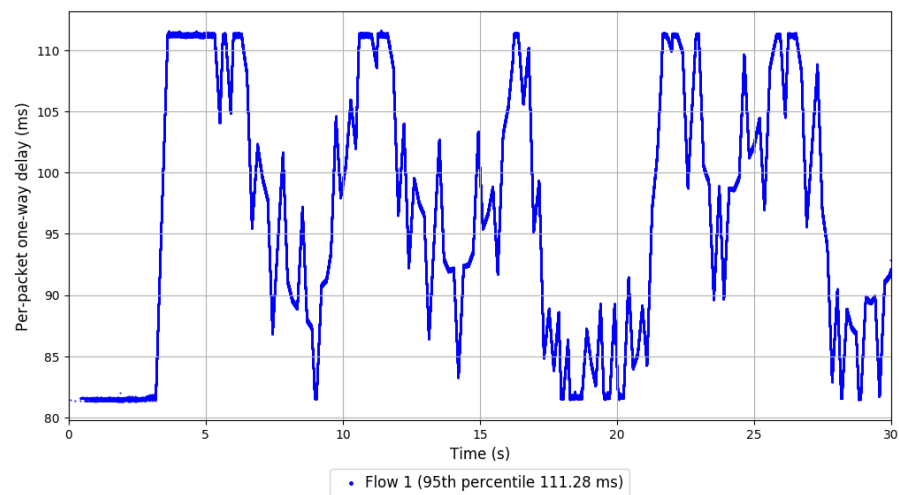
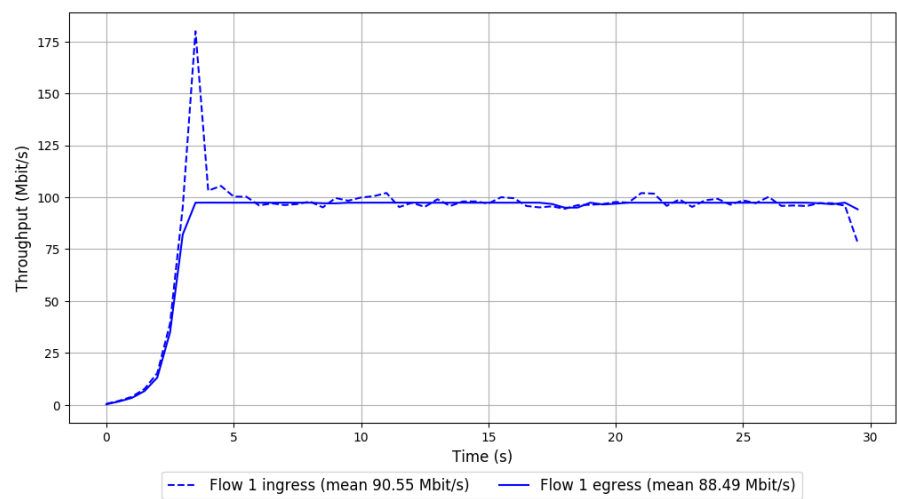


Run 8: Statistics of Vivace-loss

Start at: 2018-02-27 17:29:52
End at: 2018-02-27 17:30:22
Local clock offset: -8.775 ms
Remote clock offset: -5.932 ms

Below is generated by plot.py at 2018-02-27 19:06:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 111.276 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 88.49 Mbit/s
95th percentile per-packet one-way delay: 111.276 ms
Loss rate: 2.24%

Run 8: Report of Vivace-loss — Data Link

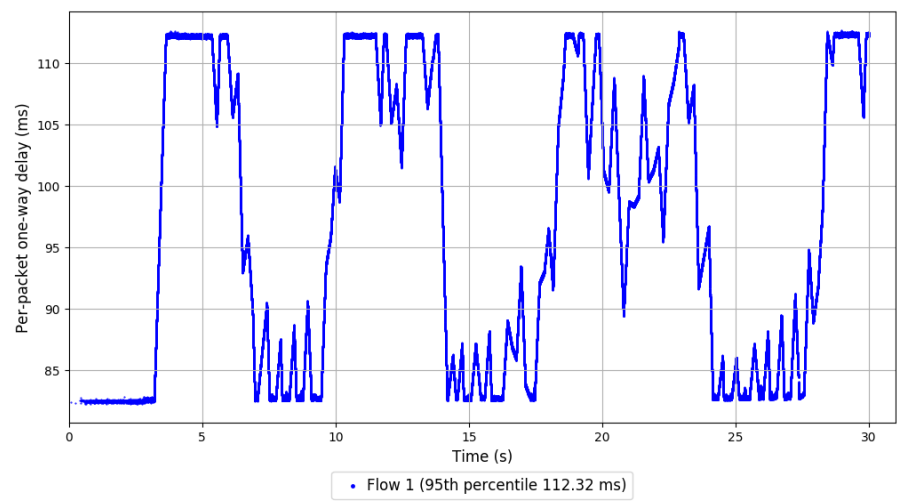
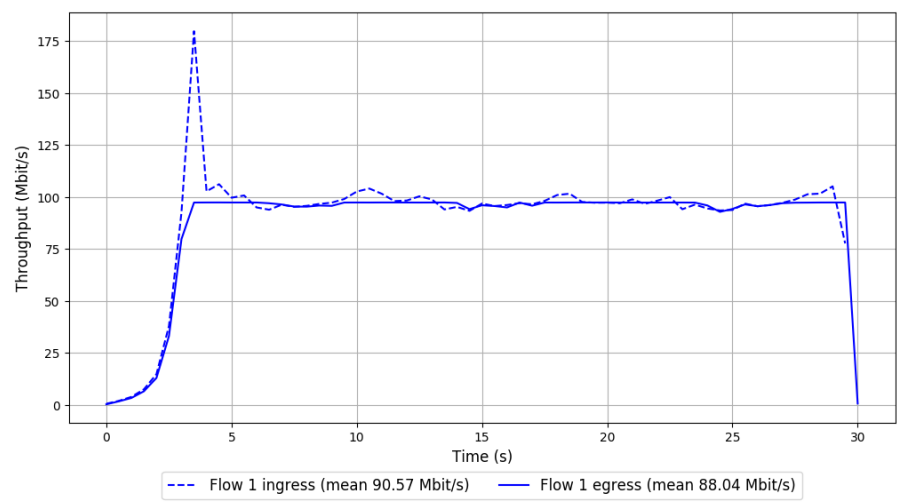


Run 9: Statistics of Vivace-loss

Start at: 2018-02-27 17:51:58
End at: 2018-02-27 17:52:28
Local clock offset: -8.336 ms
Remote clock offset: -5.192 ms

Below is generated by plot.py at 2018-02-27 19:06:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 112.316 ms
Loss rate: 2.70%
-- Flow 1:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 112.316 ms
Loss rate: 2.70%

Run 9: Report of Vivace-loss — Data Link

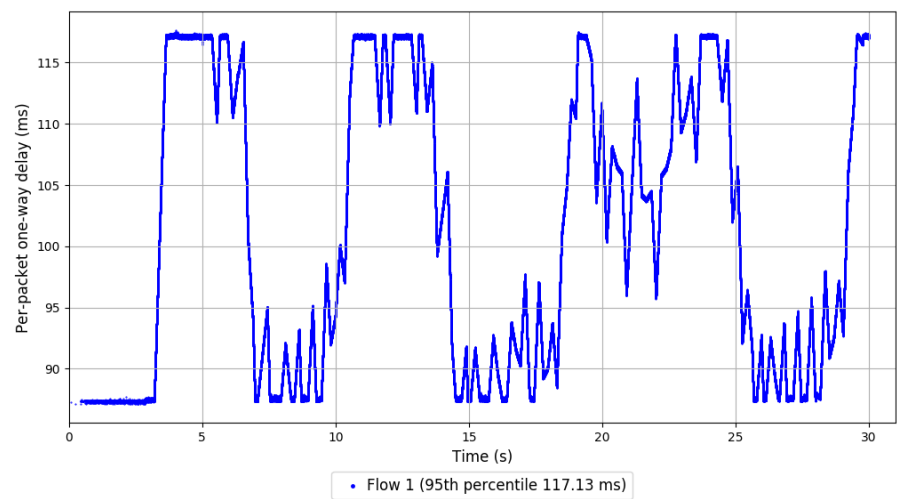
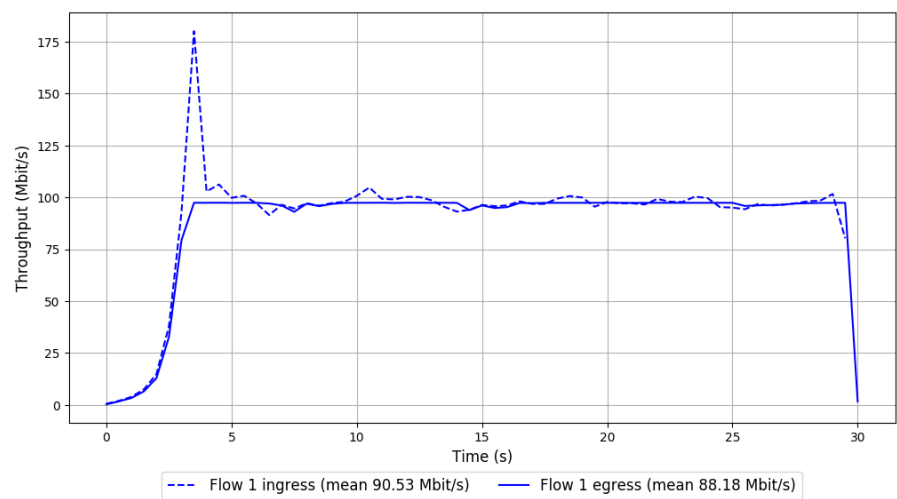


Run 10: Statistics of Vivace-loss

Start at: 2018-02-27 18:14:09
End at: 2018-02-27 18:14:39
Local clock offset: -5.539 ms
Remote clock offset: -0.348 ms

Below is generated by plot.py at 2018-02-27 19:06:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 117.129 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 117.129 ms
Loss rate: 2.49%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-27 14:56:39

End at: 2018-02-27 14:57:09

Local clock offset: -5.1 ms

Remote clock offset: 0.565 ms

Below is generated by plot.py at 2018-02-27 19:07:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.42 Mbit/s

95th percentile per-packet one-way delay: 117.558 ms

Loss rate: 1.97%

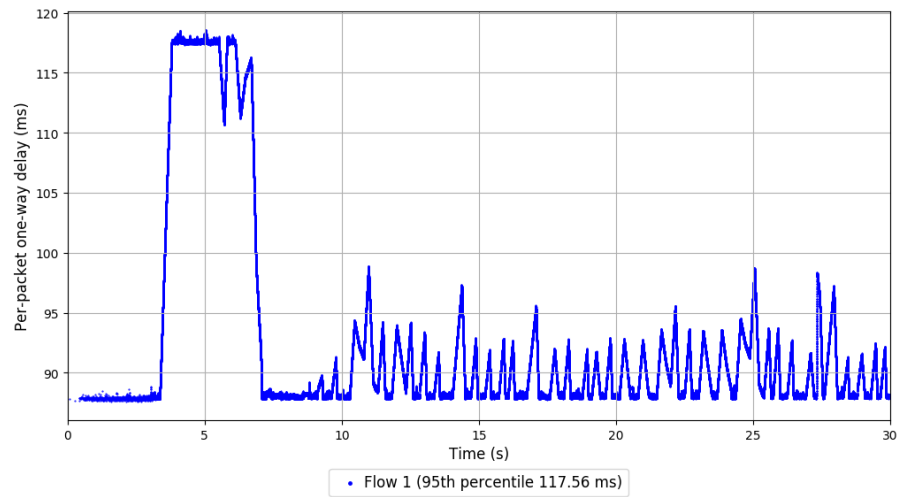
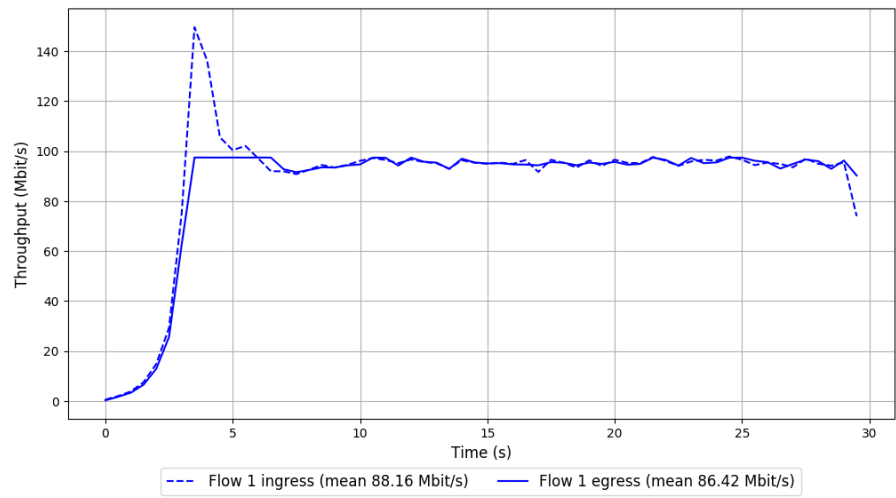
-- Flow 1:

Average throughput: 86.42 Mbit/s

95th percentile per-packet one-way delay: 117.558 ms

Loss rate: 1.97%

Run 1: Report of Vivace-LTE — Data Link

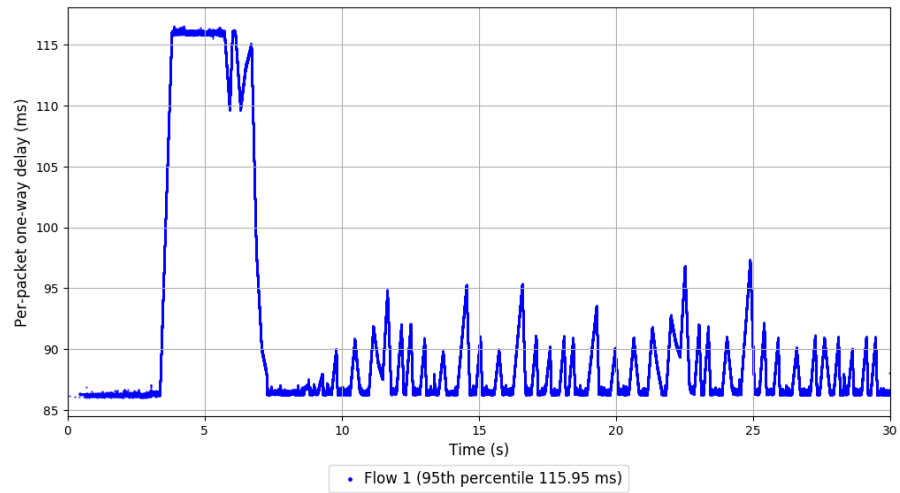
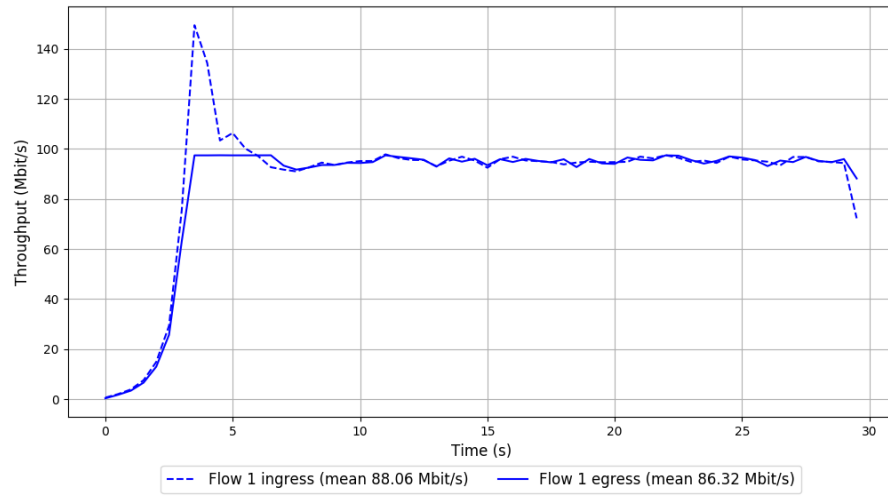


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-27 15:18:40
End at: 2018-02-27 15:19:10
Local clock offset: -5.254 ms
Remote clock offset: -0.635 ms

Below is generated by plot.py at 2018-02-27 19:07:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 115.954 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 115.954 ms
Loss rate: 1.97%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-02-27 15:40:57

End at: 2018-02-27 15:41:27

Local clock offset: -3.967 ms

Remote clock offset: 0.946 ms

Below is generated by plot.py at 2018-02-27 19:07:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.99 Mbit/s

95th percentile per-packet one-way delay: 117.354 ms

Loss rate: 1.94%

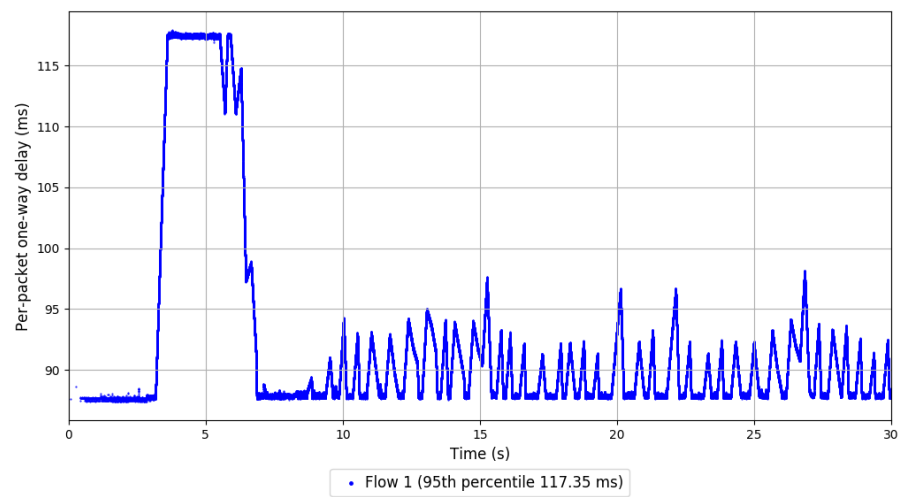
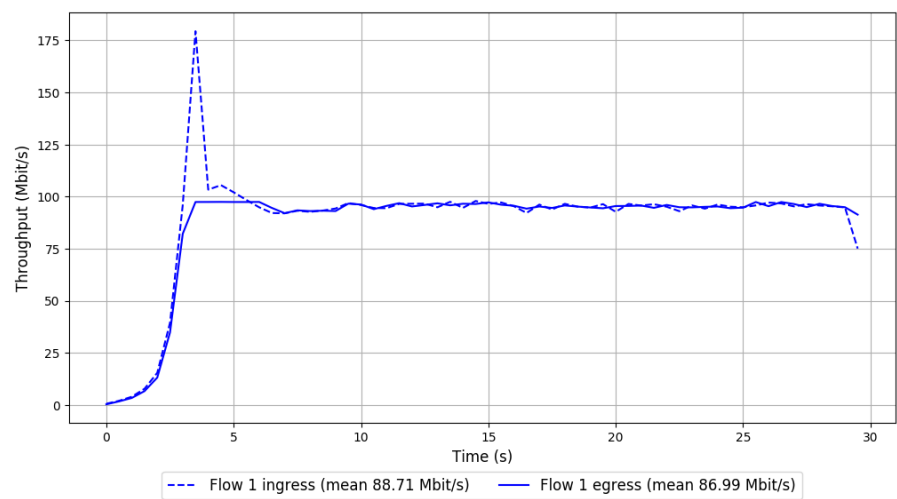
-- Flow 1:

Average throughput: 86.99 Mbit/s

95th percentile per-packet one-way delay: 117.354 ms

Loss rate: 1.94%

Run 3: Report of Vivace-LTE — Data Link

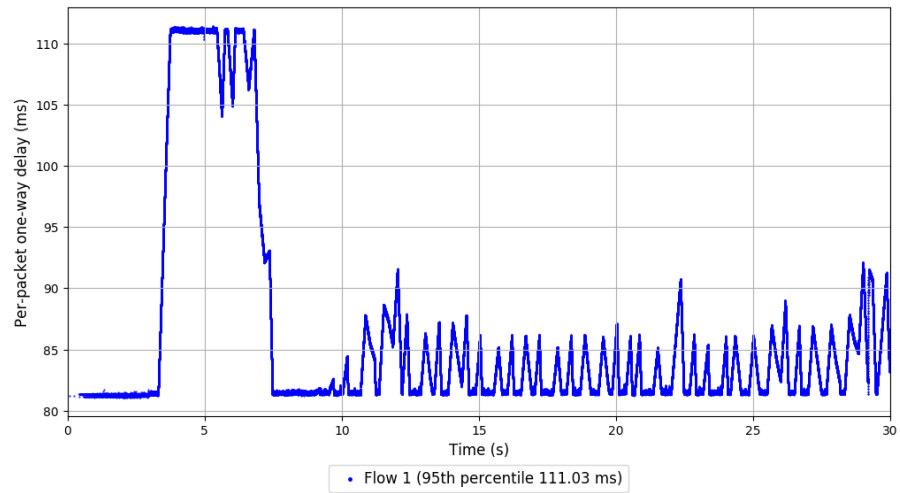
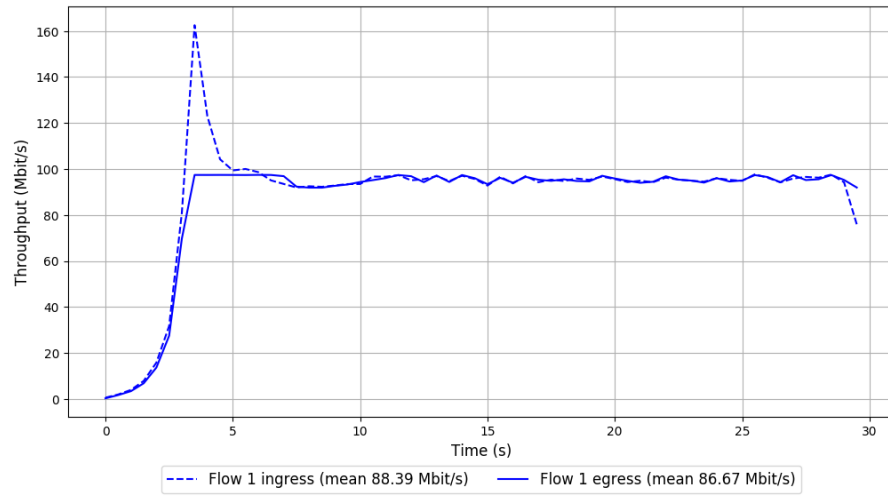


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-27 16:03:40
End at: 2018-02-27 16:04:10
Local clock offset: -2.866 ms
Remote clock offset: -5.961 ms

Below is generated by plot.py at 2018-02-27 19:07:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 111.025 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 86.67 Mbit/s
95th percentile per-packet one-way delay: 111.025 ms
Loss rate: 1.94%

Run 4: Report of Vivace-LTE — Data Link

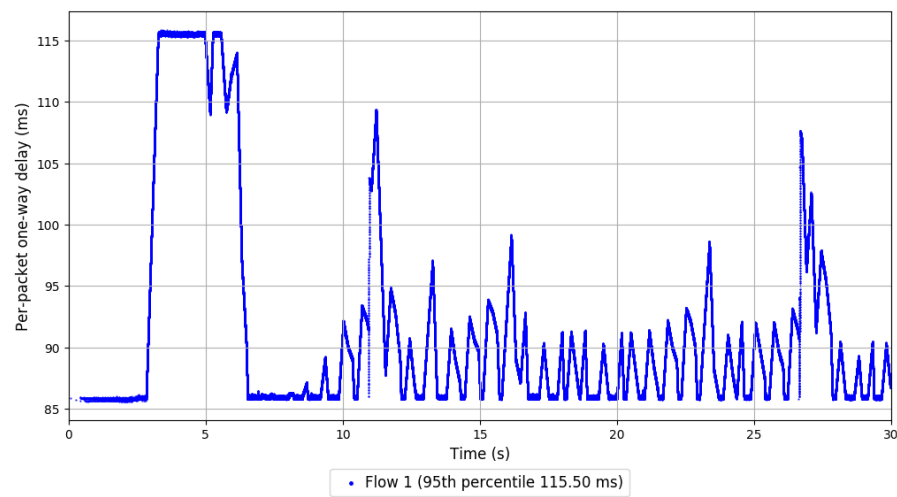
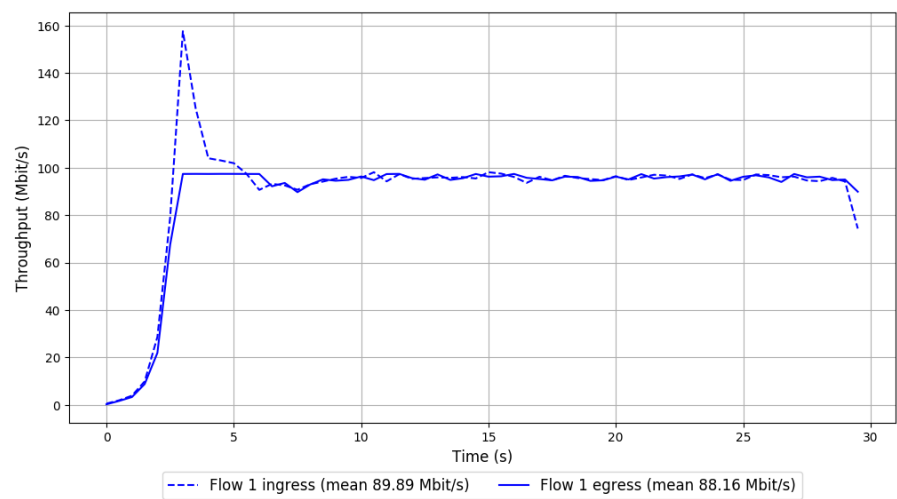


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-27 16:26:00
End at: 2018-02-27 16:26:30
Local clock offset: -7.029 ms
Remote clock offset: -1.064 ms

Below is generated by plot.py at 2018-02-27 19:07:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 115.501 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 88.16 Mbit/s
95th percentile per-packet one-way delay: 115.501 ms
Loss rate: 1.92%

Run 5: Report of Vivace-LTE — Data Link

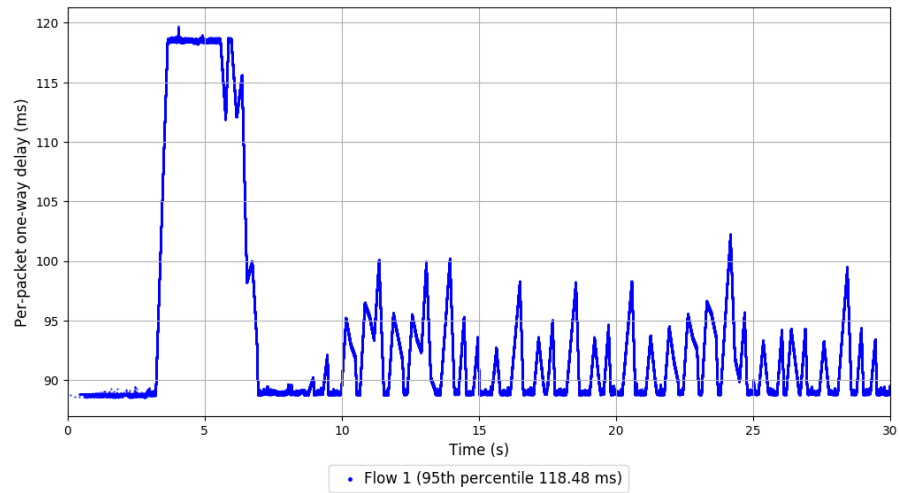
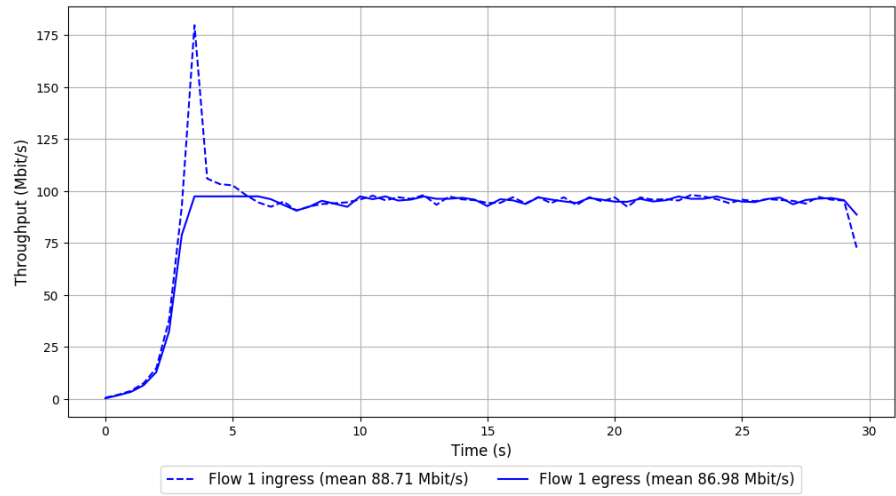


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-27 16:48:17
End at: 2018-02-27 16:48:47
Local clock offset: -7.79 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2018-02-27 19:07:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: 118.483 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 86.98 Mbit/s
95th percentile per-packet one-way delay: 118.483 ms
Loss rate: 1.96%

Run 6: Report of Vivace-LTE — Data Link

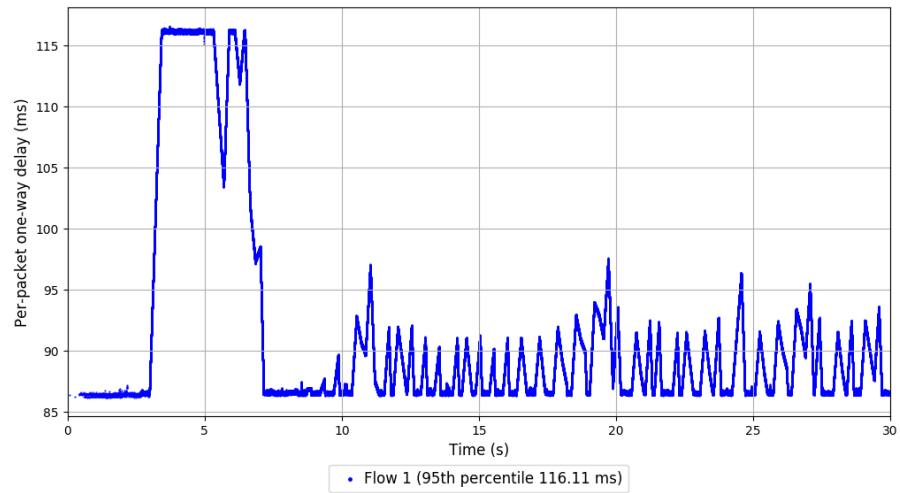
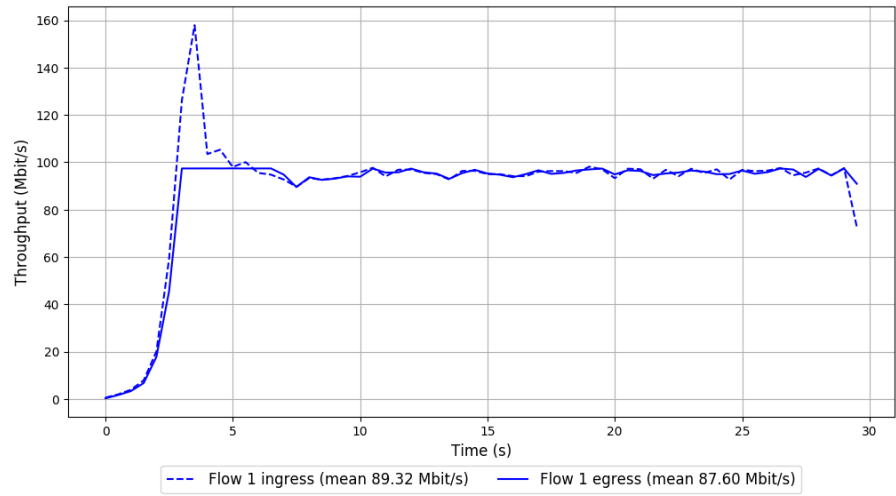


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-27 17:10:19
End at: 2018-02-27 17:10:50
Local clock offset: -8.211 ms
Remote clock offset: -1.025 ms

Below is generated by plot.py at 2018-02-27 19:07:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 116.105 ms
Loss rate: 1.92%
-- Flow 1:
Average throughput: 87.60 Mbit/s
95th percentile per-packet one-way delay: 116.105 ms
Loss rate: 1.92%

Run 7: Report of Vivace-LTE — Data Link

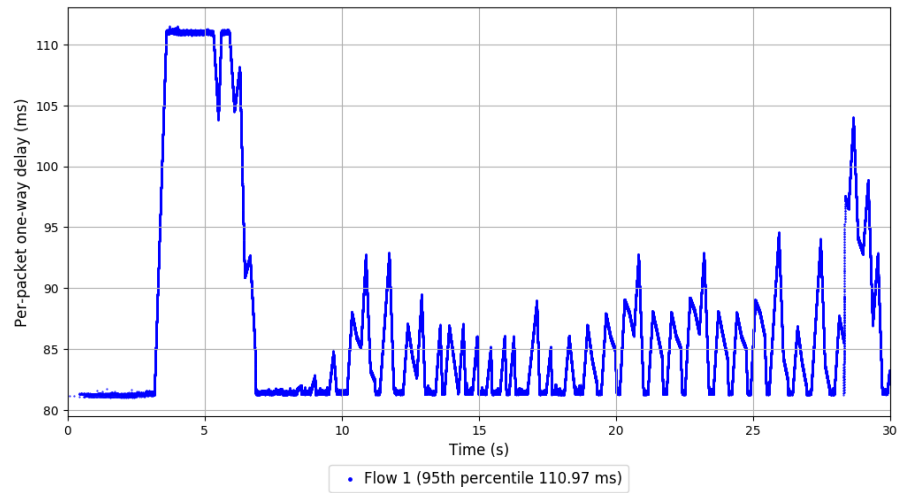
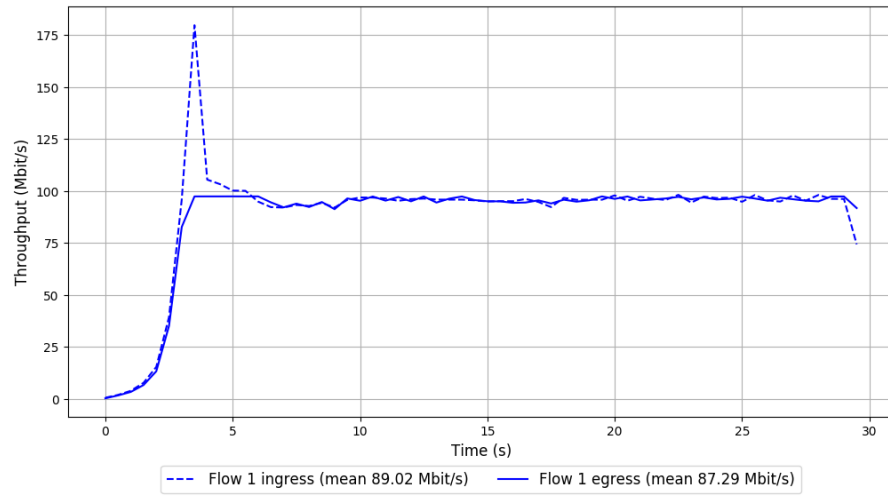


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-27 17:32:23
End at: 2018-02-27 17:32:53
Local clock offset: -8.856 ms
Remote clock offset: -5.884 ms

Below is generated by plot.py at 2018-02-27 19:07:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 110.965 ms
Loss rate: 1.94%
-- Flow 1:
Average throughput: 87.29 Mbit/s
95th percentile per-packet one-way delay: 110.965 ms
Loss rate: 1.94%

Run 8: Report of Vivace-LTE — Data Link

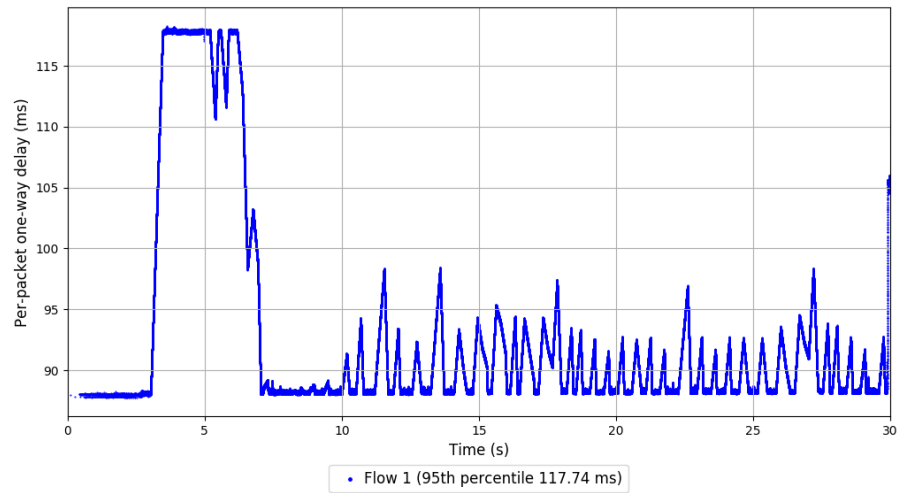
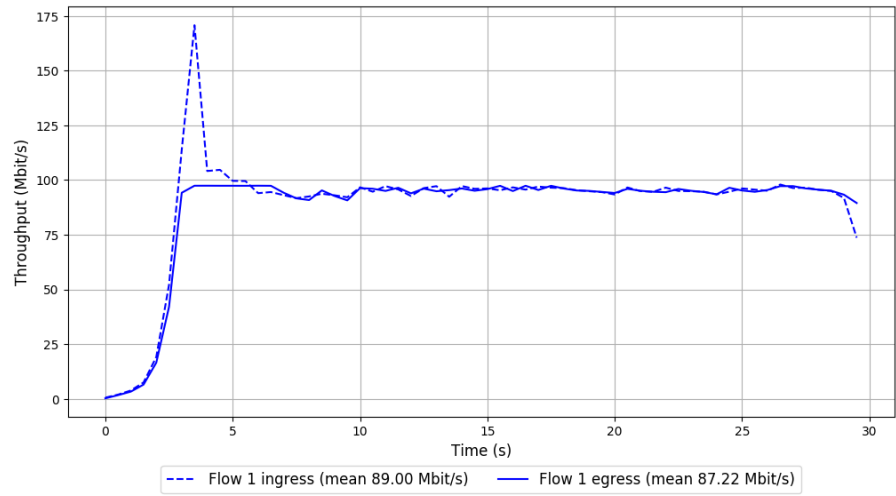


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-27 17:54:33
End at: 2018-02-27 17:55:03
Local clock offset: -7.624 ms
Remote clock offset: -1.161 ms

Below is generated by plot.py at 2018-02-27 19:07:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 117.741 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 117.741 ms
Loss rate: 1.95%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-27 18:16:42
End at: 2018-02-27 18:17:12
Local clock offset: -5.376 ms
Remote clock offset: -6.081 ms

Below is generated by plot.py at 2018-02-27 19:08:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 113.014 ms
Loss rate: 1.97%
-- Flow 1:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 113.014 ms
Loss rate: 1.97%

Run 10: Report of Vivace-LTE — Data Link

