

Pantheon Report

Generated at 2017-09-17 19:20:15 (UTC).

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

Repeated the test of 15 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).

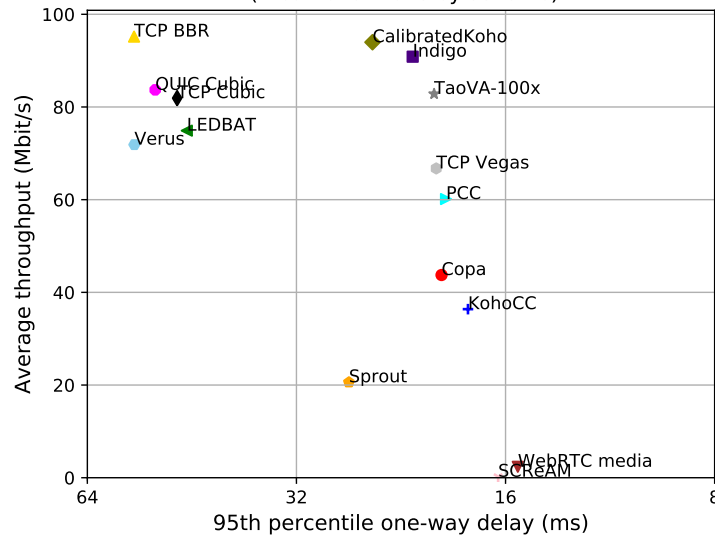
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

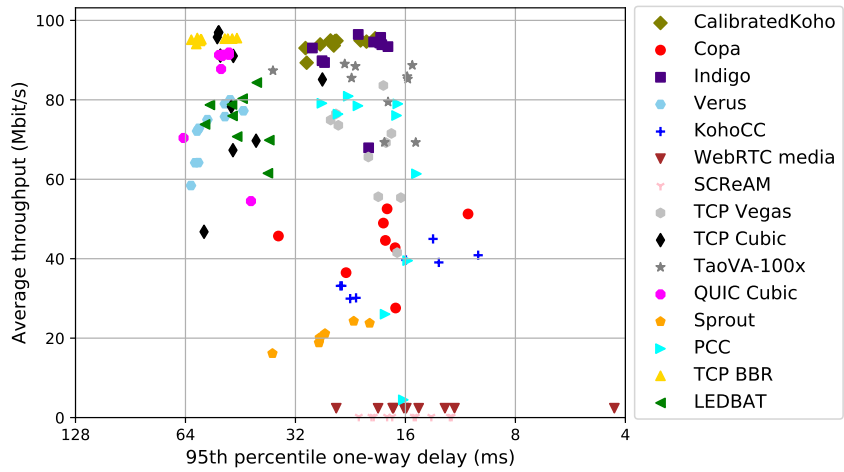
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.19	54.82	3.09
CalibratedKoho	10	93.97	24.87	0.24
Copa	8	43.74	19.78	0.04
TCP Cubic	10	81.91	47.52	0.33
Indigo	10	90.85	21.77	0.11
KohoCC	8	36.38	18.12	0.00
LEDBAT	9	74.89	46.03	0.04
PCC	10	60.13	19.49	0.29
QUIC Cubic	8	83.69	51.11	0.56
SCReAM	10	0.22	16.40	0.00
Sprout	7	20.60	26.89	0.02
TaoVA-100x	10	82.82	20.27	0.31
TCP Vegas	10	66.74	20.13	0.04
Verus	10	71.88	54.77	26.66
WebRTC media	10	2.36	15.36	0.00

Run 1: Statistics of TCP BBR

Start at: 2017-09-17 13:16:11

End at: 2017-09-17 13:16:41

Local clock offset: 3.684 ms

Remote clock offset: -2.101 ms

Below is generated by plot.py at 2017-09-17 19:03:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.14 Mbit/s

95th percentile per-packet one-way delay: 61.682 ms

Loss rate: 3.56%

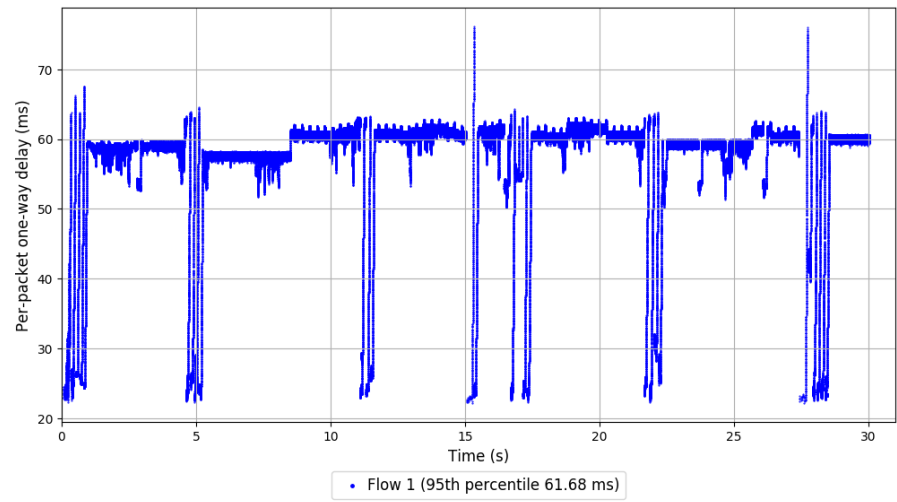
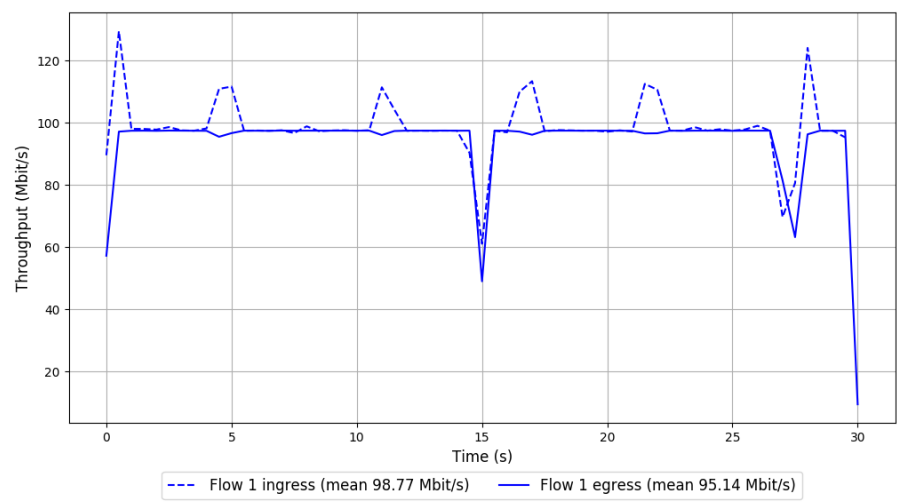
-- Flow 1:

Average throughput: 95.14 Mbit/s

95th percentile per-packet one-way delay: 61.682 ms

Loss rate: 3.56%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2017-09-17 13:41:04

End at: 2017-09-17 13:41:34

Local clock offset: 7.39 ms

Remote clock offset: -2.614 ms

Below is generated by plot.py at 2017-09-17 19:03:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.83 Mbit/s

95th percentile per-packet one-way delay: 58.385 ms

Loss rate: 5.12%

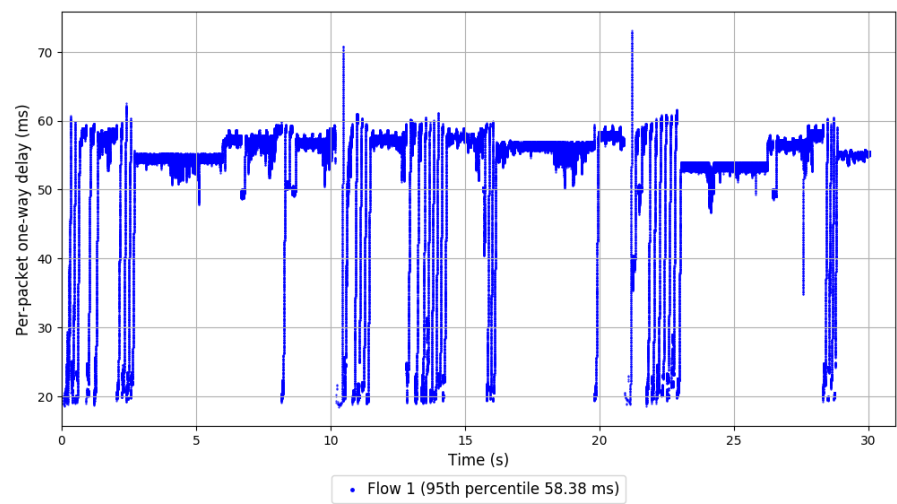
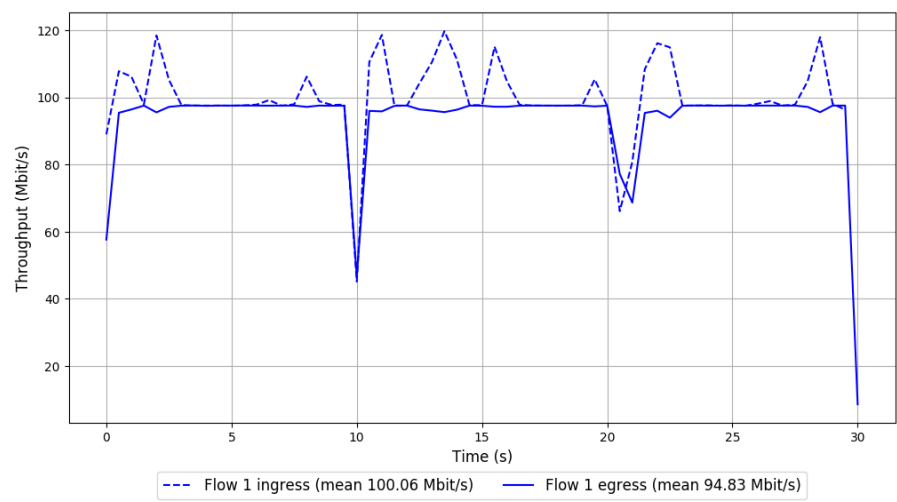
-- Flow 1:

Average throughput: 94.83 Mbit/s

95th percentile per-packet one-way delay: 58.385 ms

Loss rate: 5.12%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2017-09-17 14:04:45

End at: 2017-09-17 14:05:15

Local clock offset: 9.228 ms

Remote clock offset: -2.529 ms

Below is generated by plot.py at 2017-09-17 19:03:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.42 Mbit/s

95th percentile per-packet one-way delay: 47.663 ms

Loss rate: 1.09%

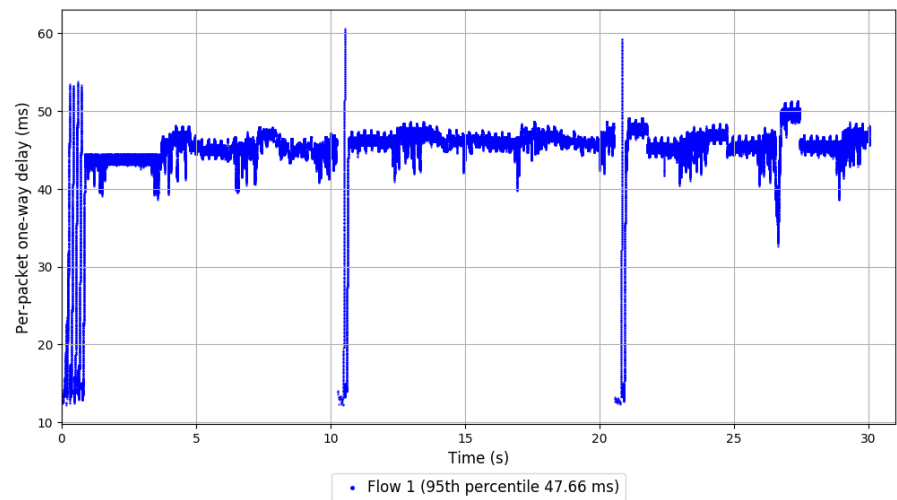
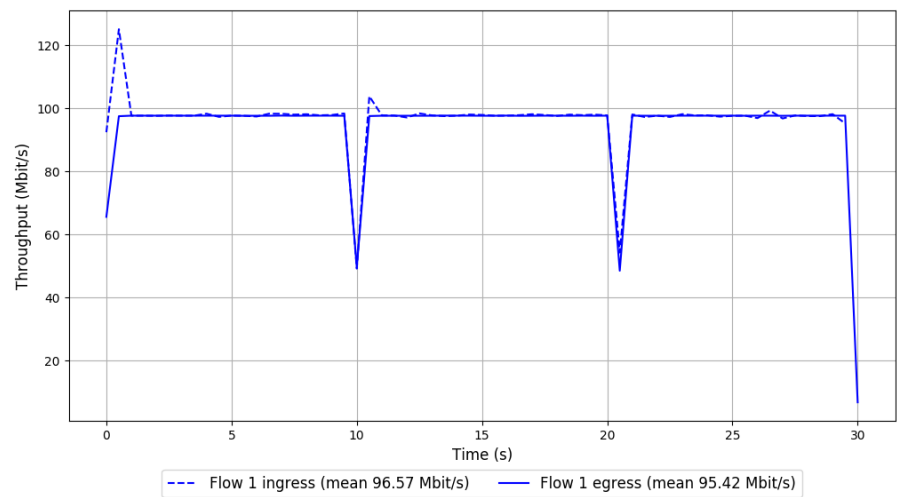
-- Flow 1:

Average throughput: 95.42 Mbit/s

95th percentile per-packet one-way delay: 47.663 ms

Loss rate: 1.09%

Run 3: Report of TCP BBR — Data Link

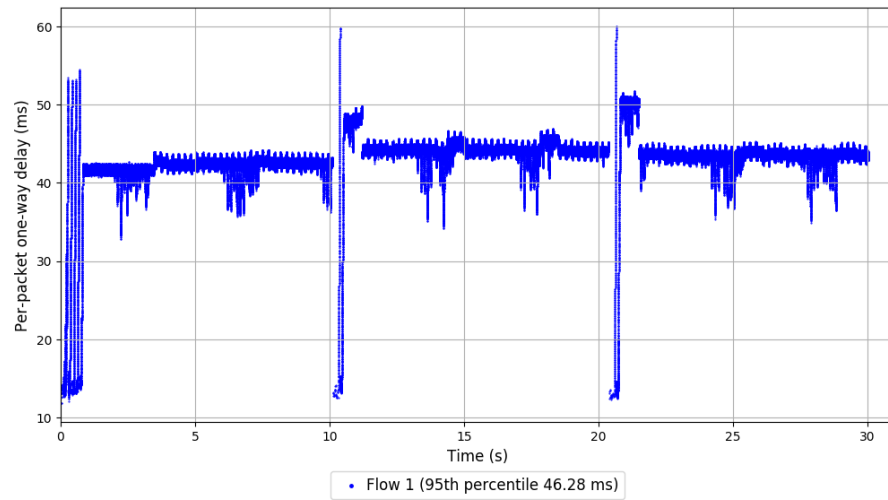
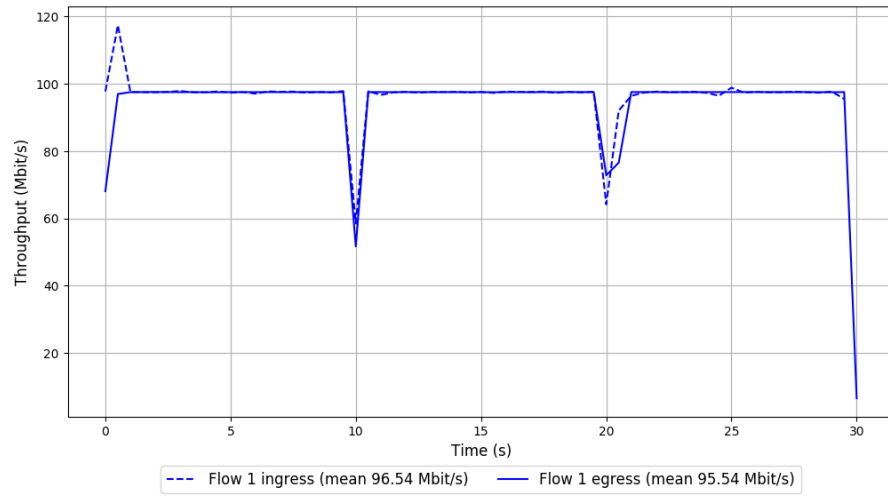


Run 4: Statistics of TCP BBR

Start at: 2017-09-17 14:28:43
End at: 2017-09-17 14:29:13
Local clock offset: 7.93 ms
Remote clock offset: -0.337 ms

Below is generated by plot.py at 2017-09-17 19:03:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 46.276 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 95.54 Mbit/s
95th percentile per-packet one-way delay: 46.276 ms
Loss rate: 0.93%

Run 4: Report of TCP BBR — Data Link

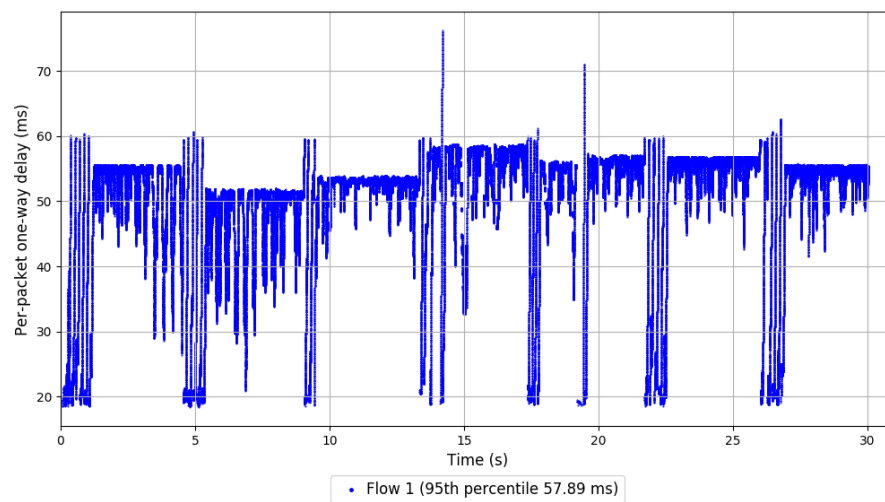
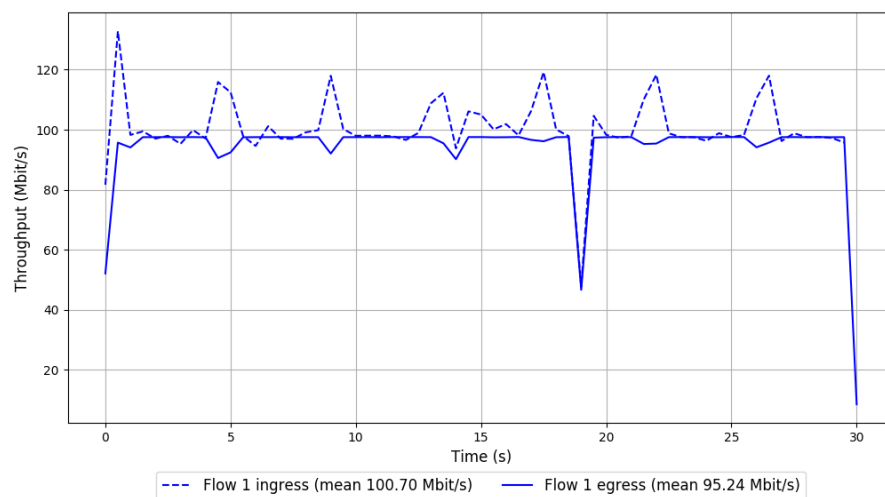


Run 5: Statistics of TCP BBR

Start at: 2017-09-17 15:14:10
End at: 2017-09-17 15:14:40
Local clock offset: 6.932 ms
Remote clock offset: -1.997 ms

Below is generated by plot.py at 2017-09-17 19:03:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 57.891 ms
Loss rate: 5.31%
-- Flow 1:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 57.891 ms
Loss rate: 5.31%

Run 5: Report of TCP BBR — Data Link

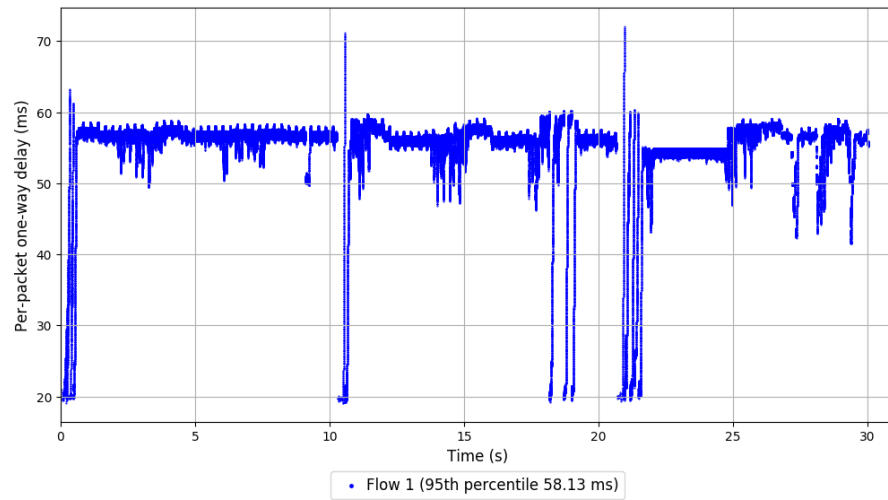
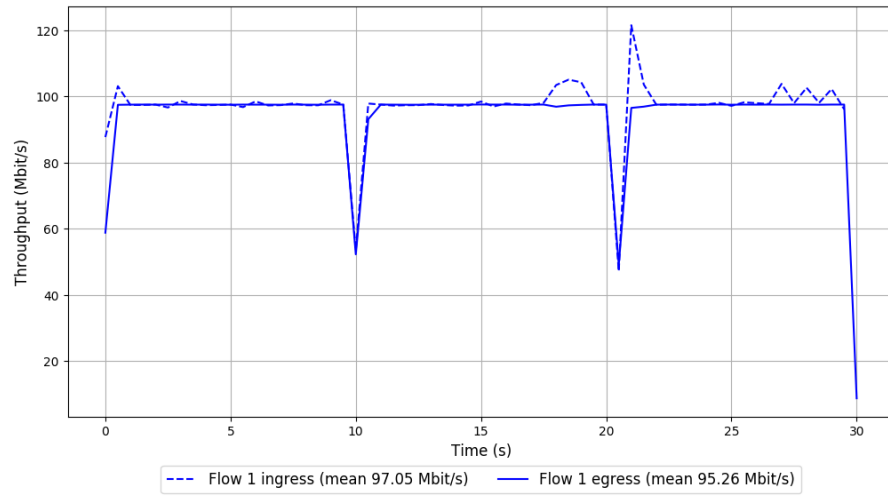


Run 6: Statistics of TCP BBR

Start at: 2017-09-17 15:45:17
End at: 2017-09-17 15:45:47
Local clock offset: 6.542 ms
Remote clock offset: -1.204 ms

Below is generated by plot.py at 2017-09-17 19:03:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 58.132 ms
Loss rate: 1.73%
-- Flow 1:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 58.132 ms
Loss rate: 1.73%

Run 6: Report of TCP BBR — Data Link

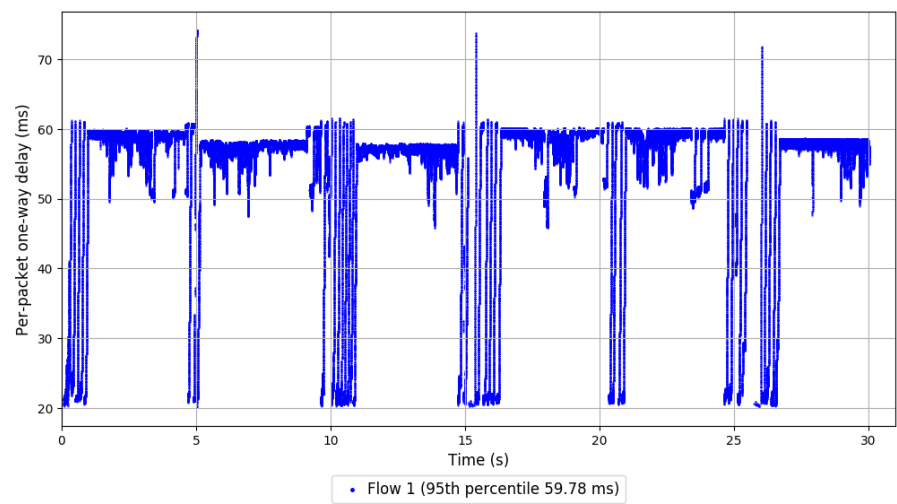
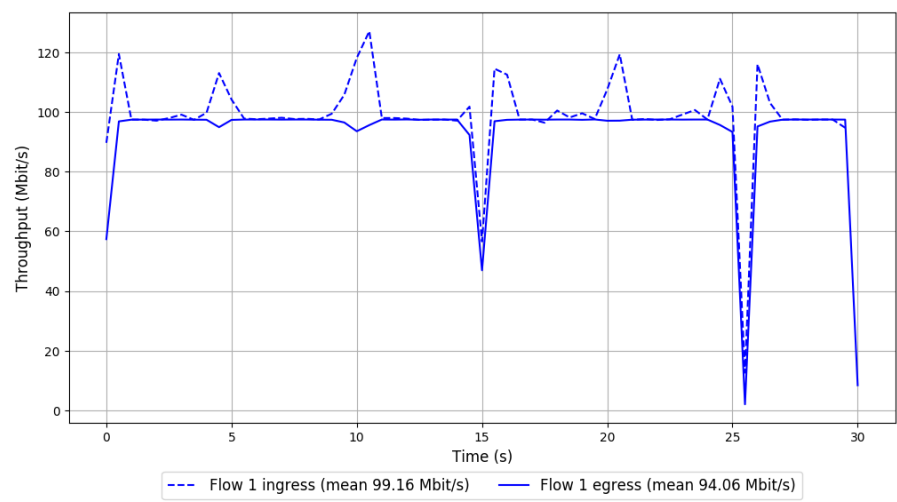


Run 7: Statistics of TCP BBR

Start at: 2017-09-17 16:15:26
End at: 2017-09-17 16:15:56
Local clock offset: 3.874 ms
Remote clock offset: -1.462 ms

Below is generated by plot.py at 2017-09-17 19:03:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 59.782 ms
Loss rate: 5.04%
-- Flow 1:
Average throughput: 94.06 Mbit/s
95th percentile per-packet one-way delay: 59.782 ms
Loss rate: 5.04%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-09-17 17:28:54

End at: 2017-09-17 17:29:24

Local clock offset: 1.759 ms

Remote clock offset: -1.441 ms

Below is generated by plot.py at 2017-09-17 19:03:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.41 Mbit/s

95th percentile per-packet one-way delay: 49.958 ms

Loss rate: 1.13%

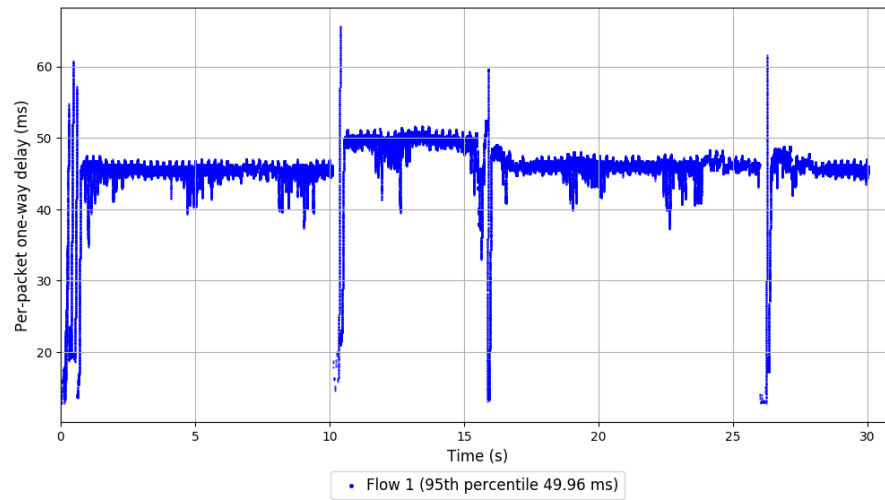
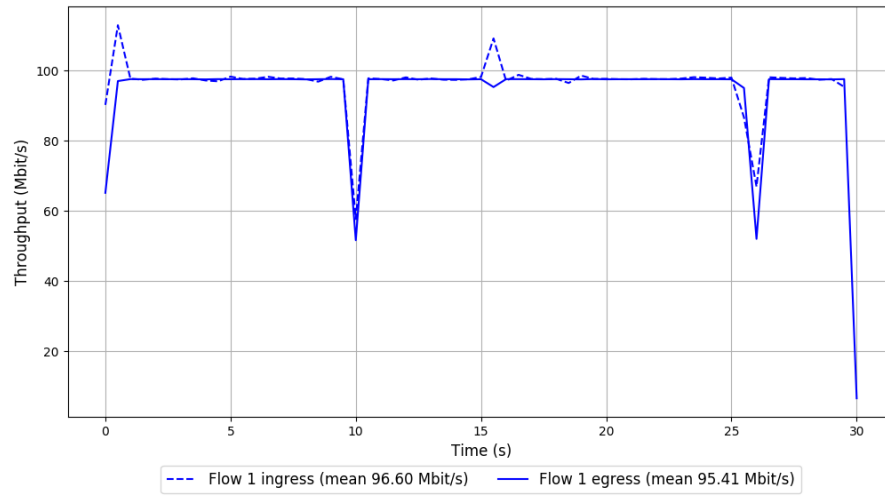
-- Flow 1:

Average throughput: 95.41 Mbit/s

95th percentile per-packet one-way delay: 49.958 ms

Loss rate: 1.13%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-09-17 17:51:54

End at: 2017-09-17 17:52:24

Local clock offset: 0.104 ms

Remote clock offset: -0.816 ms

Below is generated by plot.py at 2017-09-17 19:04:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 49.026 ms

Loss rate: 0.72%

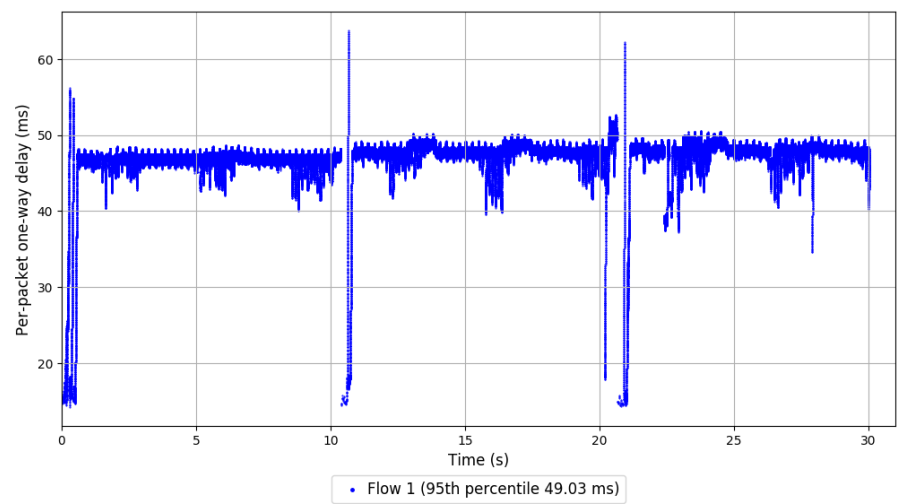
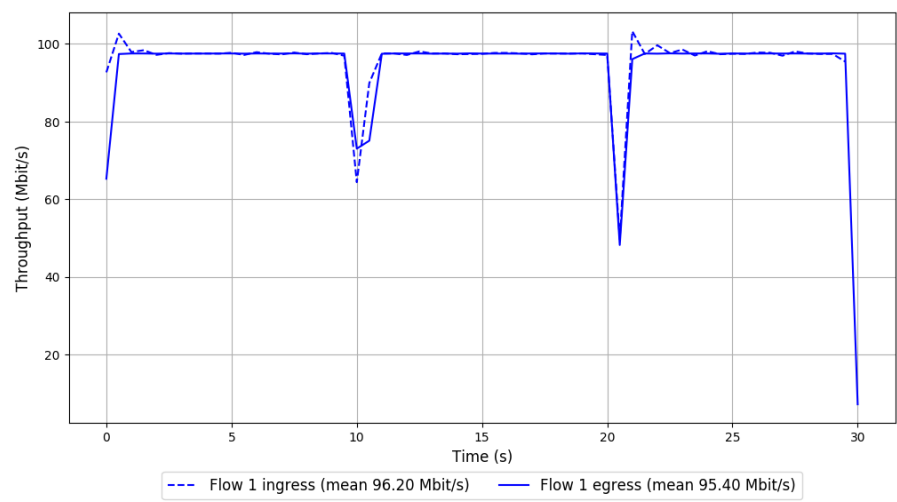
-- Flow 1:

Average throughput: 95.40 Mbit/s

95th percentile per-packet one-way delay: 49.026 ms

Loss rate: 0.72%

Run 9: Report of TCP BBR — Data Link

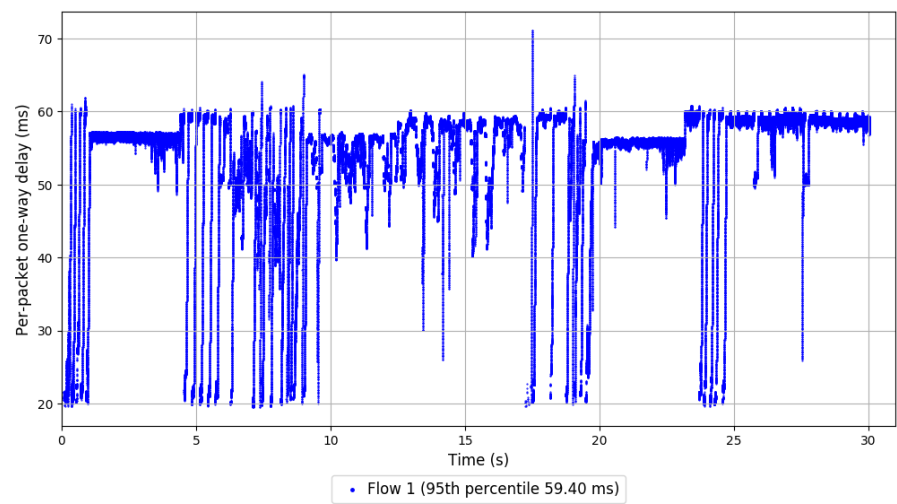
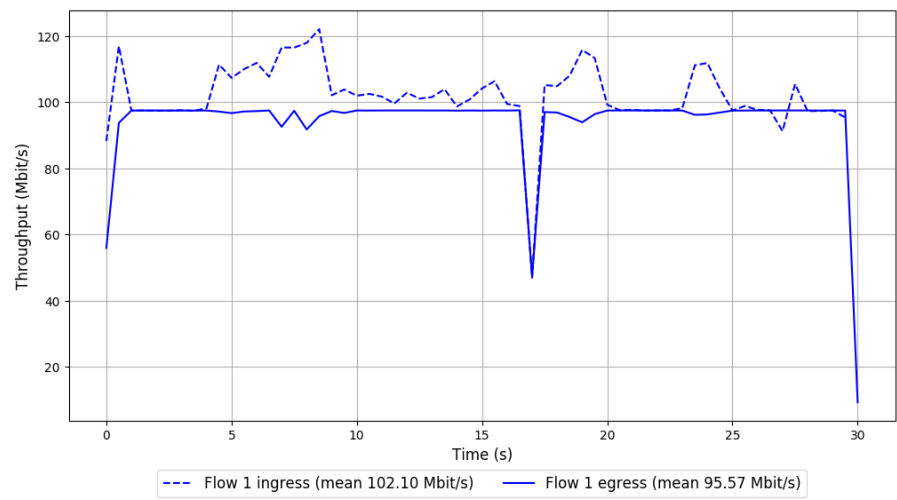


Run 10: Statistics of TCP BBR

Start at: 2017-09-17 18:14:27
End at: 2017-09-17 18:14:57
Local clock offset: -0.028 ms
Remote clock offset: -0.233 ms

Below is generated by plot.py at 2017-09-17 19:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 59.403 ms
Loss rate: 6.27%
-- Flow 1:
Average throughput: 95.57 Mbit/s
95th percentile per-packet one-way delay: 59.403 ms
Loss rate: 6.27%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-09-17 13:32:53

End at: 2017-09-17 13:33:23

Local clock offset: 4.157 ms

Remote clock offset: -2.653 ms

Below is generated by plot.py at 2017-09-17 19:04:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 25.659 ms

Loss rate: 0.13%

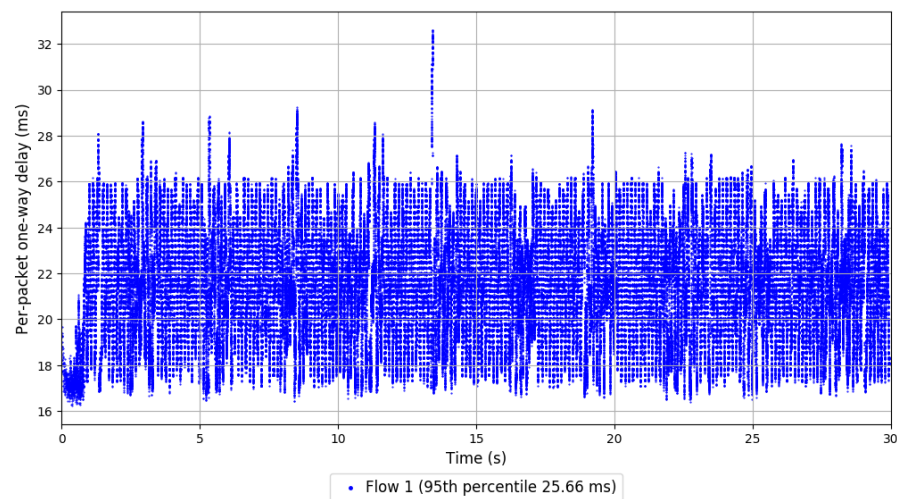
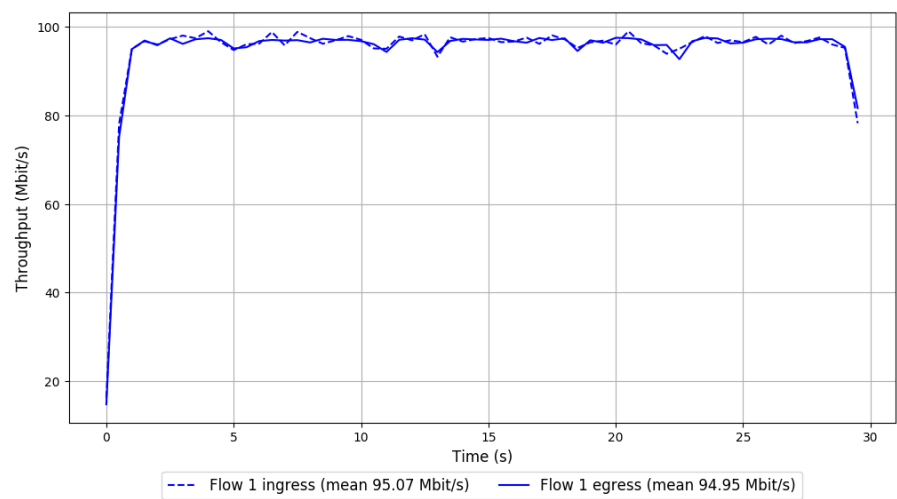
-- Flow 1:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 25.659 ms

Loss rate: 0.13%

Run 1: Report of CalibratedKoho — Data Link

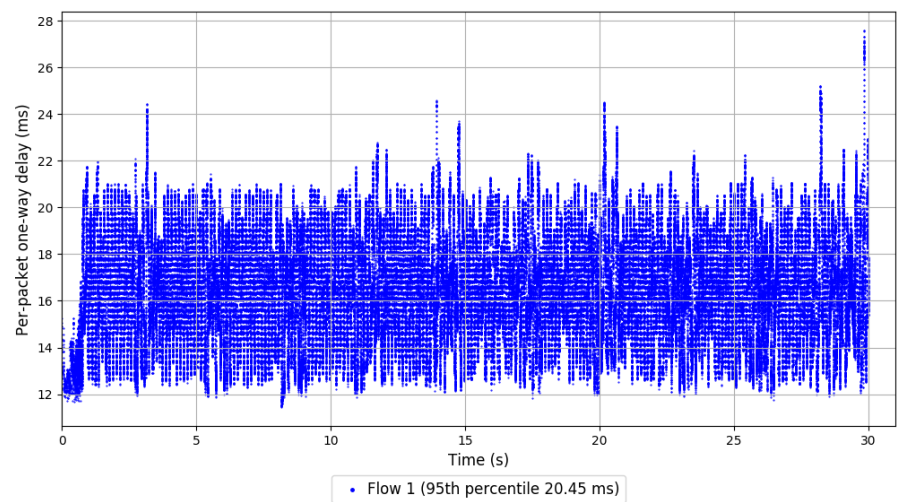
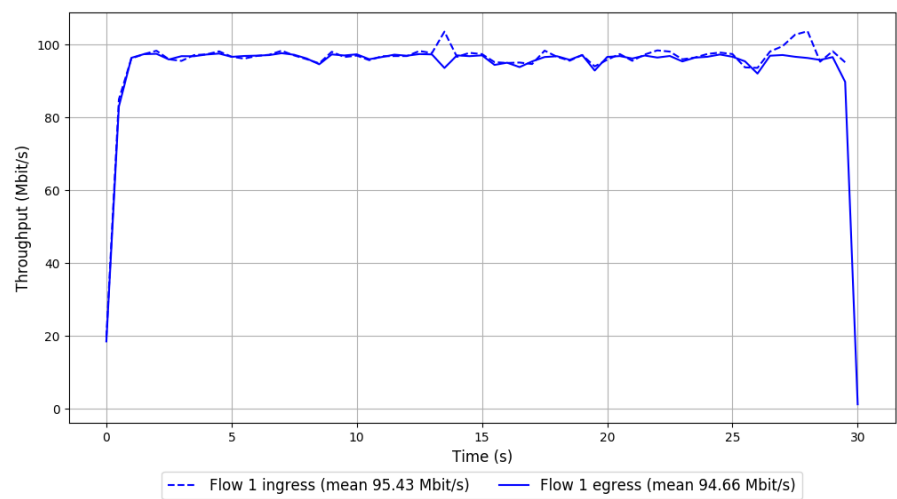


Run 2: Statistics of CalibratedKoho

Start at: 2017-09-17 13:57:20
End at: 2017-09-17 13:57:50
Local clock offset: 8.789 ms
Remote clock offset: -1.994 ms

Below is generated by plot.py at 2017-09-17 19:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.66 Mbit/s
95th percentile per-packet one-way delay: 20.454 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 94.66 Mbit/s
95th percentile per-packet one-way delay: 20.454 ms
Loss rate: 0.80%

Run 2: Report of CalibratedKoho — Data Link

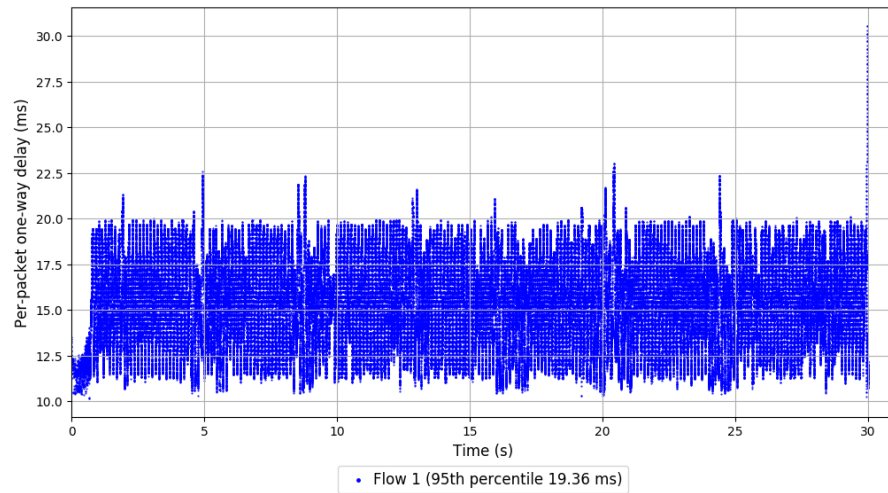
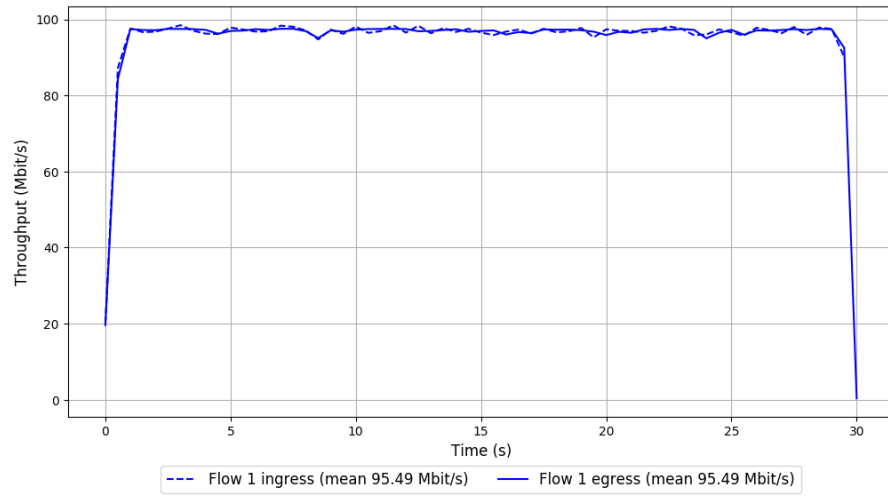


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-17 14:21:53
End at: 2017-09-17 14:22:23
Local clock offset: 9.186 ms
Remote clock offset: -1.749 ms

Below is generated by plot.py at 2017-09-17 19:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 19.356 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 19.356 ms
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

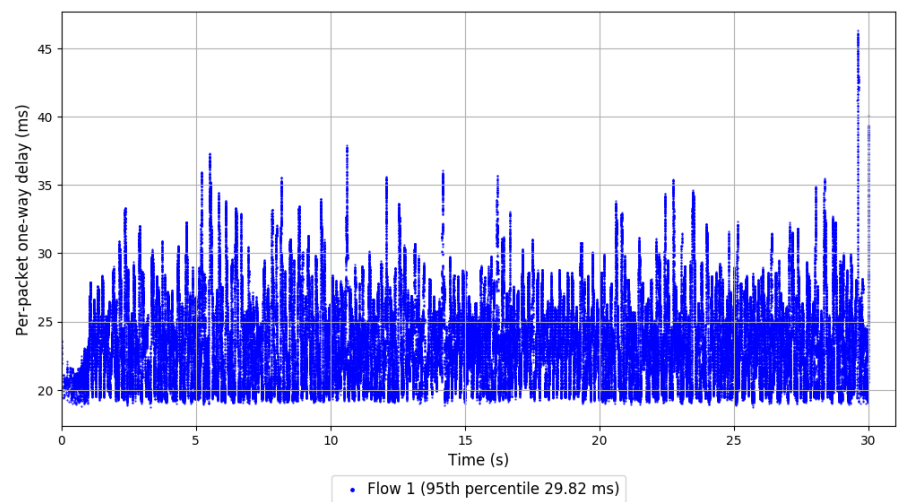
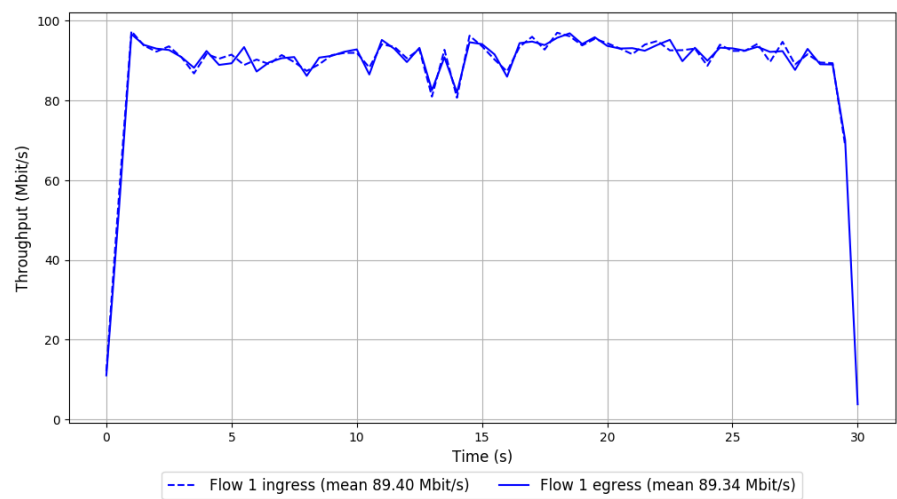


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-17 14:57:37
End at: 2017-09-17 14:58:07
Local clock offset: 6.867 ms
Remote clock offset: -2.076 ms

Below is generated by plot.py at 2017-09-17 19:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 29.817 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 29.817 ms
Loss rate: 0.01%

Run 4: Report of CalibratedKoho — Data Link

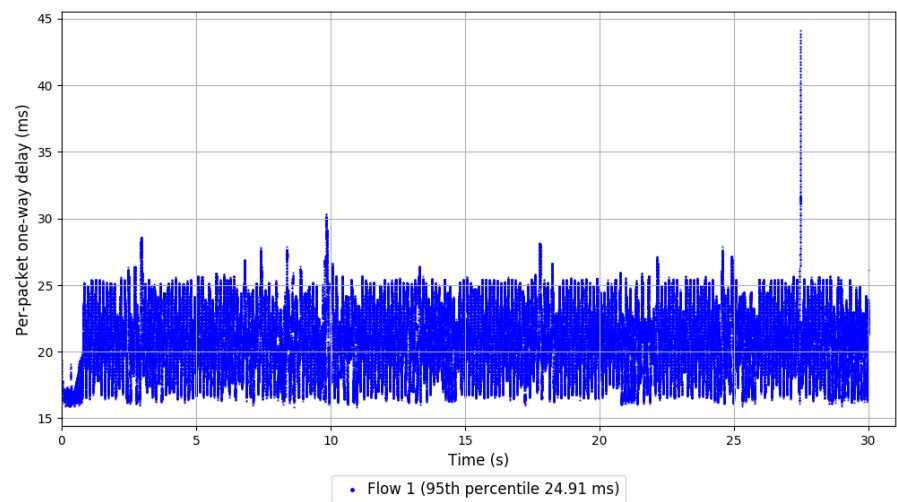
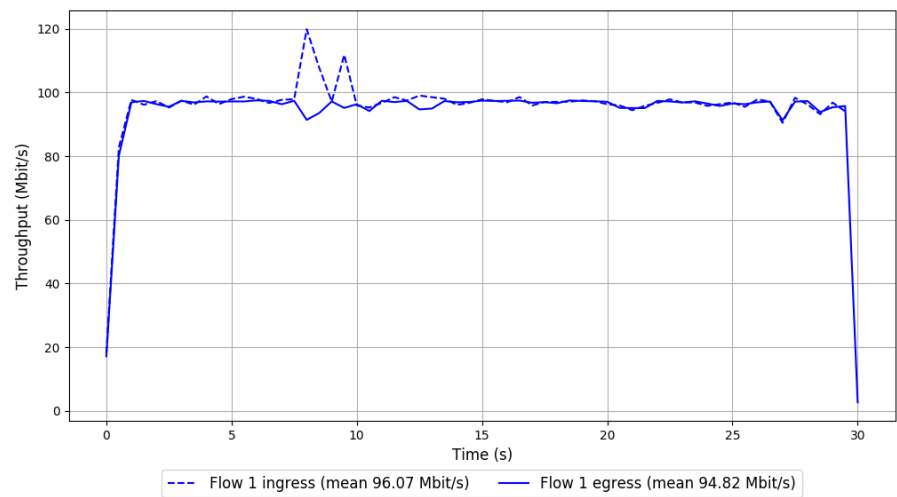


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-17 15:36:24
End at: 2017-09-17 15:36:54
Local clock offset: 2.599 ms
Remote clock offset: -1.893 ms

Below is generated by plot.py at 2017-09-17 19:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 24.912 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 94.82 Mbit/s
95th percentile per-packet one-way delay: 24.912 ms
Loss rate: 1.27%

Run 5: Report of CalibratedKoho — Data Link

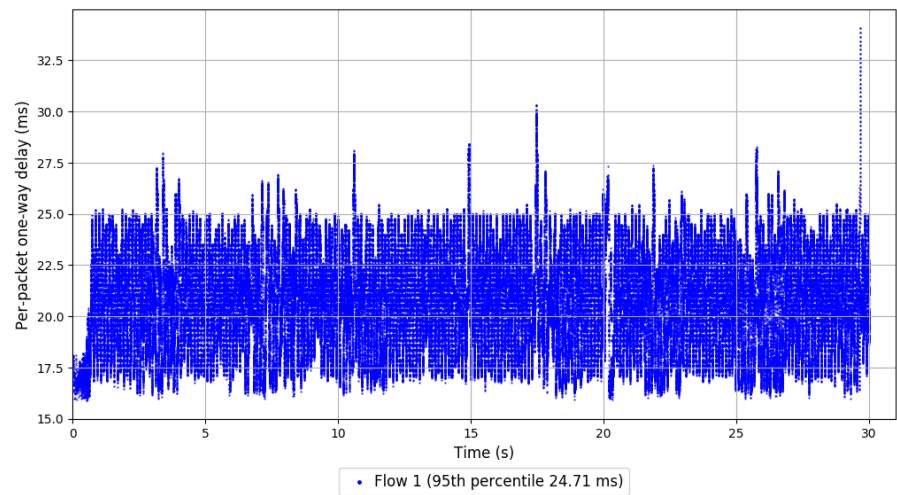
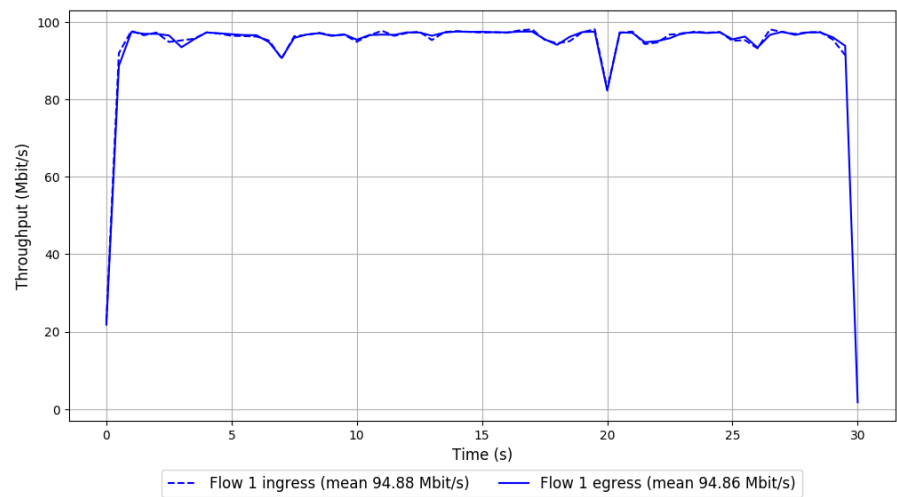


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-17 16:05:24
End at: 2017-09-17 16:05:54
Local clock offset: 1.462 ms
Remote clock offset: -2.014 ms

Below is generated by plot.py at 2017-09-17 19:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 24.708 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 24.708 ms
Loss rate: 0.00%

Run 6: Report of CalibratedKoho — Data Link

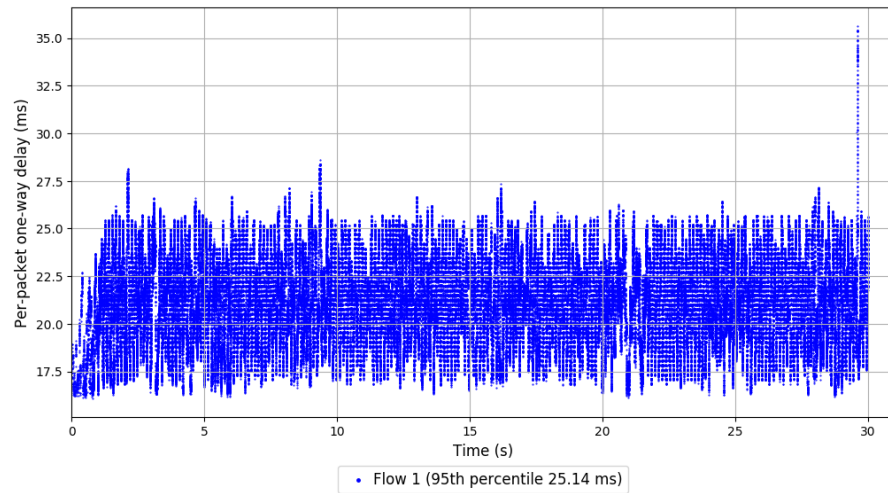
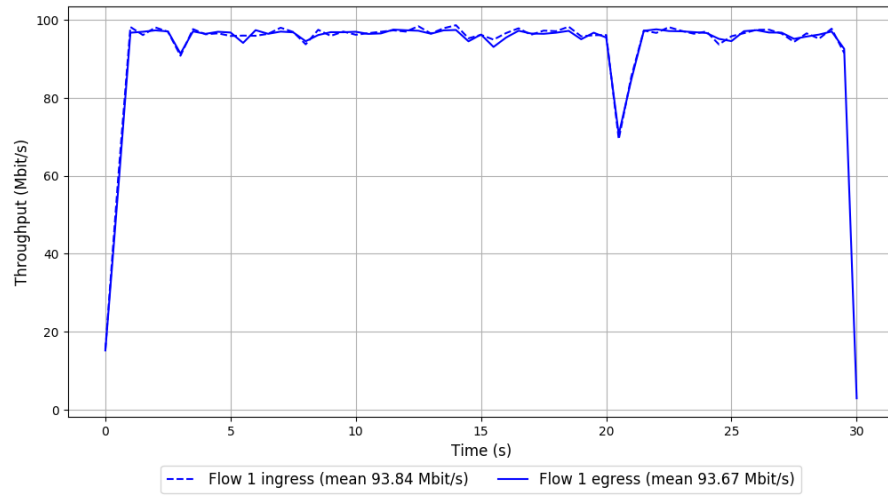


Run 7: Statistics of CalibratedKoho

Start at: 2017-09-17 17:21:26
End at: 2017-09-17 17:21:56
Local clock offset: -0.833 ms
Remote clock offset: -1.013 ms

Below is generated by plot.py at 2017-09-17 19:05:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 25.136 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 25.136 ms
Loss rate: 0.16%

Run 7: Report of CalibratedKoho — Data Link

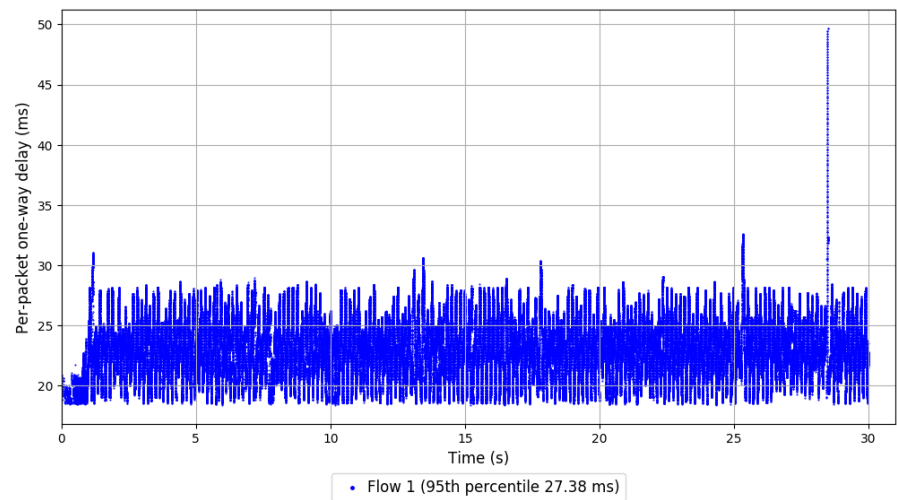
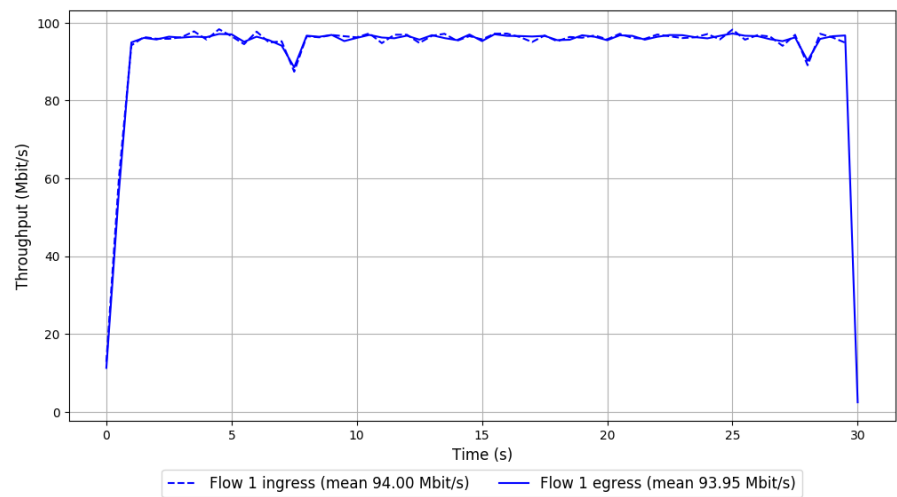


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-17 17:44:59
End at: 2017-09-17 17:45:29
Local clock offset: 1.277 ms
Remote clock offset: -2.168 ms

Below is generated by plot.py at 2017-09-17 19:05:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 27.378 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 27.378 ms
Loss rate: 0.04%

Run 8: Report of CalibratedKoho — Data Link

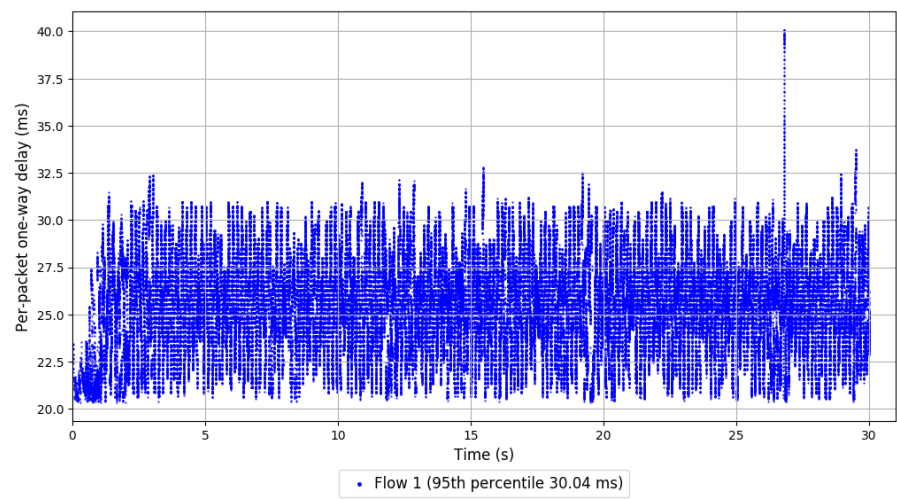
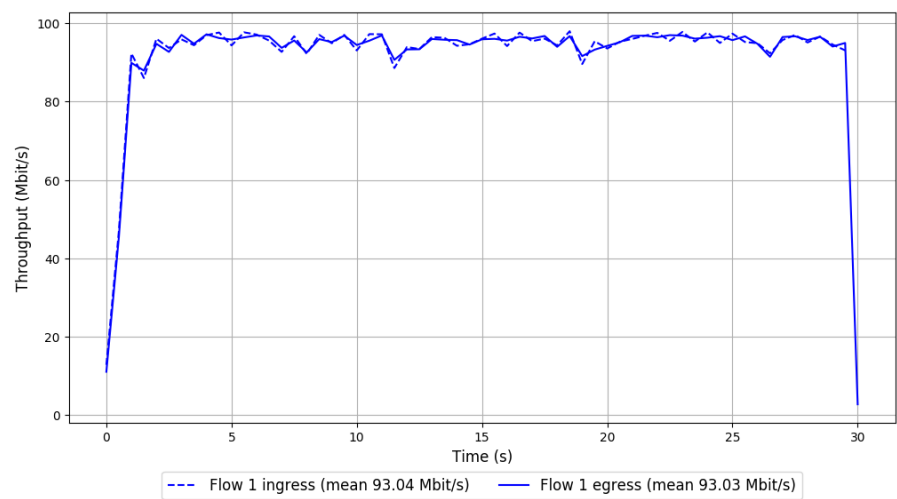


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-17 18:07:37
End at: 2017-09-17 18:08:08
Local clock offset: -0.996 ms
Remote clock offset: -0.728 ms

Below is generated by plot.py at 2017-09-17 19:05:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 30.041 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.03 Mbit/s
95th percentile per-packet one-way delay: 30.041 ms
Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link

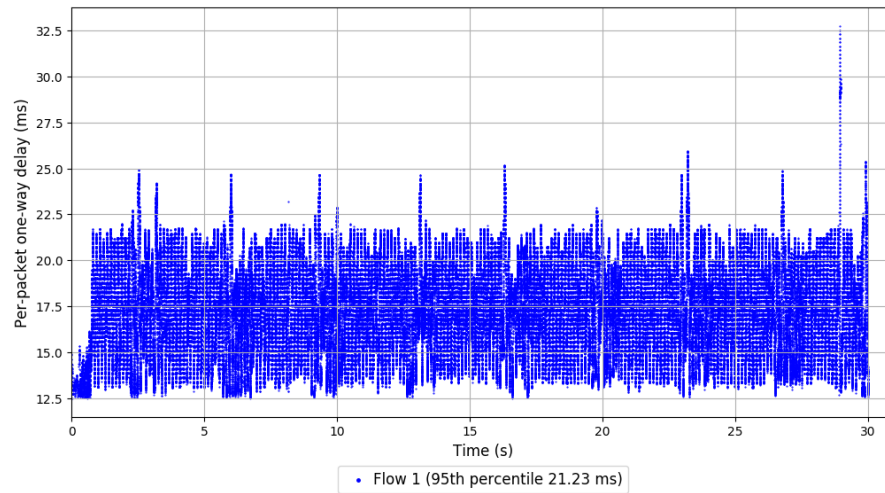
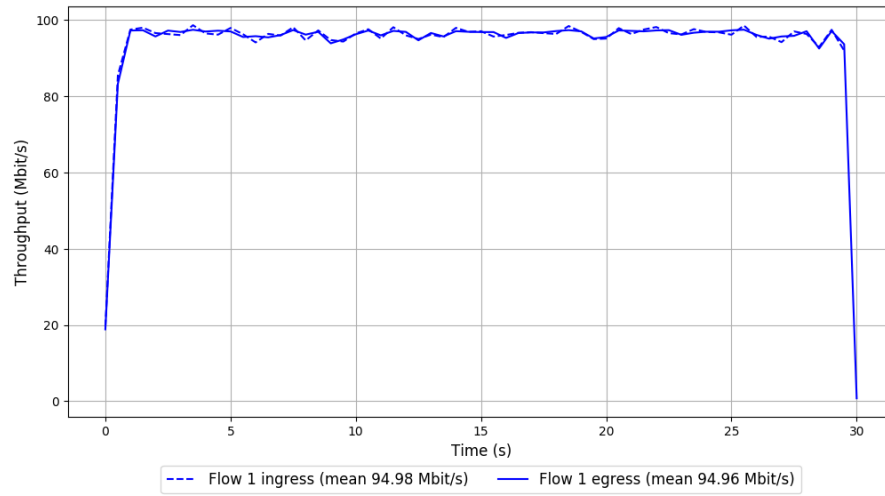


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-17 18:29:38
End at: 2017-09-17 18:30:08
Local clock offset: -1.291 ms
Remote clock offset: -1.304 ms

Below is generated by plot.py at 2017-09-17 19:05:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 21.228 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 21.228 ms
Loss rate: 0.02%

Run 10: Report of CalibratedKoho — Data Link

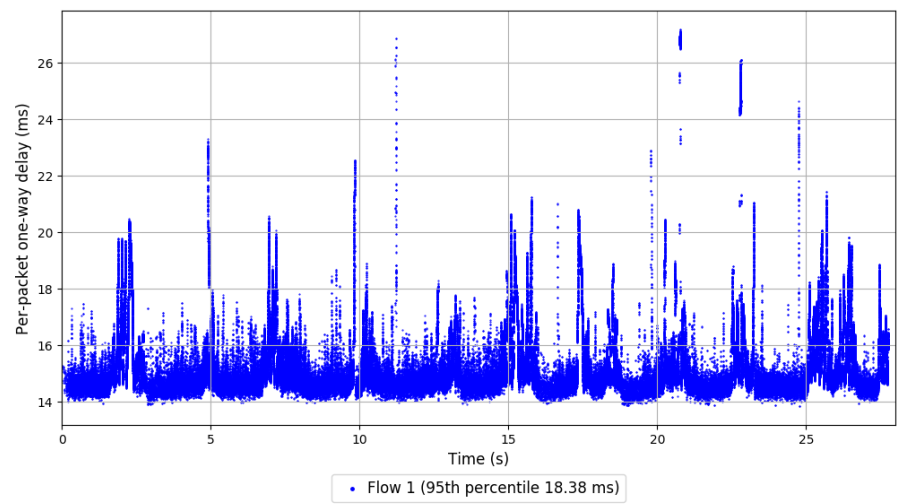
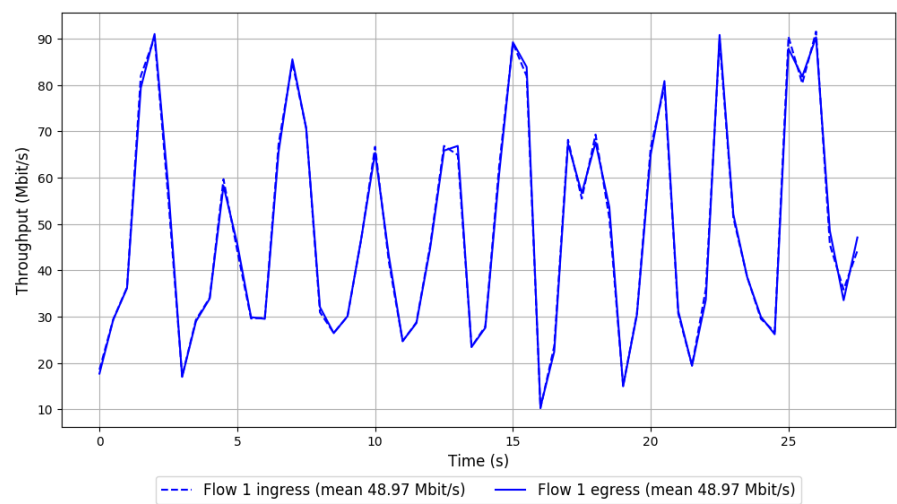


Run 1: Statistics of Copa

Start at: 2017-09-17 13:23:48
End at: 2017-09-17 13:24:19
Local clock offset: 6.609 ms
Remote clock offset: -2.102 ms

Below is generated by plot.py at 2017-09-17 19:05:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 18.384 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 18.384 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

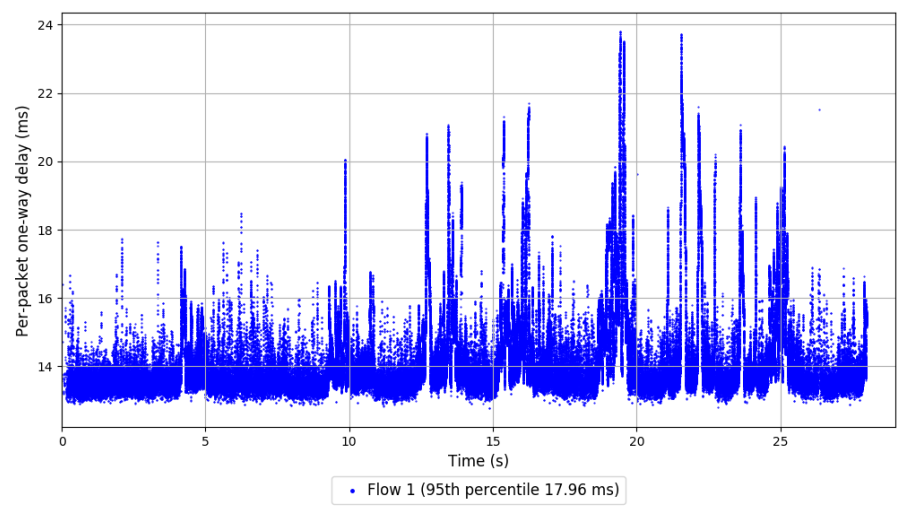
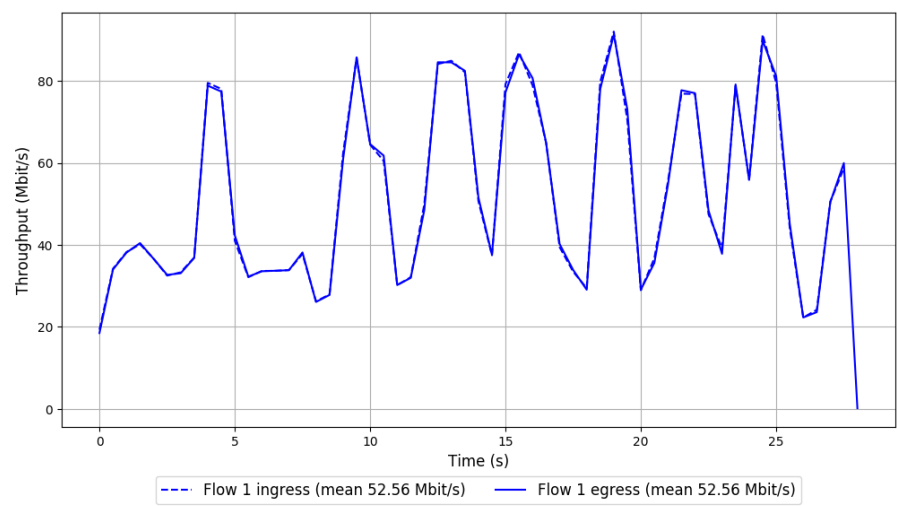


Run 2: Statistics of Copa

Start at: 2017-09-17 13:49:20
End at: 2017-09-17 13:49:50
Local clock offset: 6.639 ms
Remote clock offset: -2.654 ms

Below is generated by plot.py at 2017-09-17 19:05:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.56 Mbit/s
95th percentile per-packet one-way delay: 17.959 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.56 Mbit/s
95th percentile per-packet one-way delay: 17.959 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

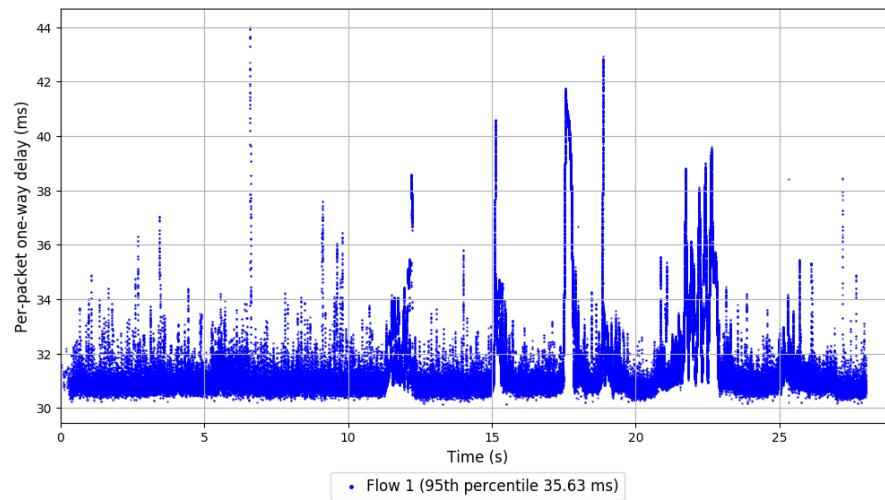
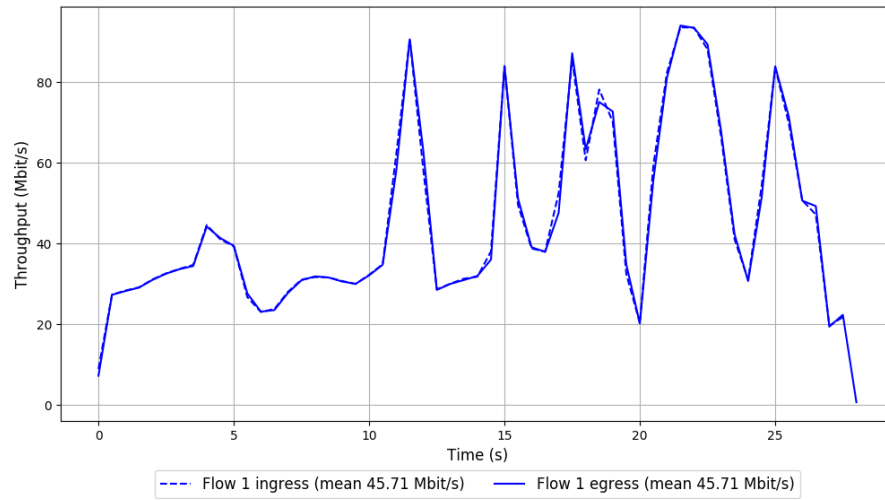


Run 3: Statistics of Copa

Start at: 2017-09-17 14:13:17
End at: 2017-09-17 14:13:47
Local clock offset: 10.212 ms
Remote clock offset: -2.023 ms

Below is generated by plot.py at 2017-09-17 19:05:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.71 Mbit/s
95th percentile per-packet one-way delay: 35.626 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 45.71 Mbit/s
95th percentile per-packet one-way delay: 35.626 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

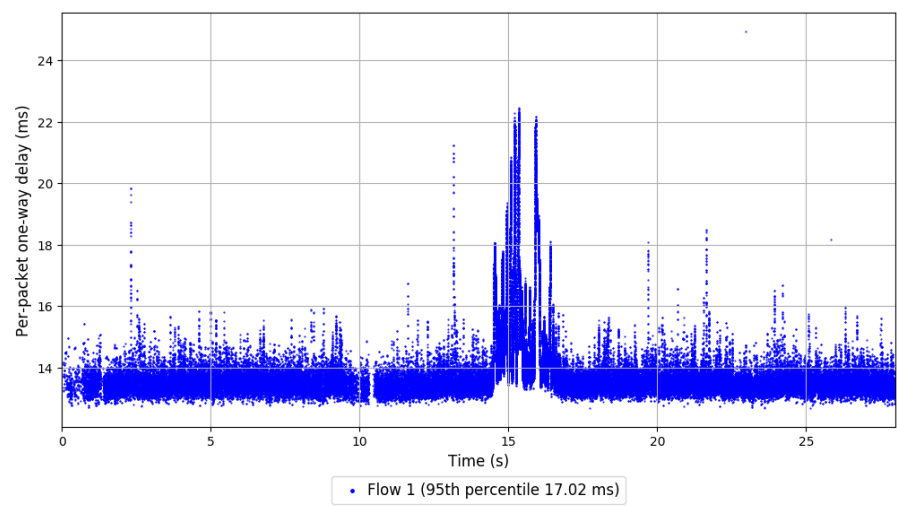
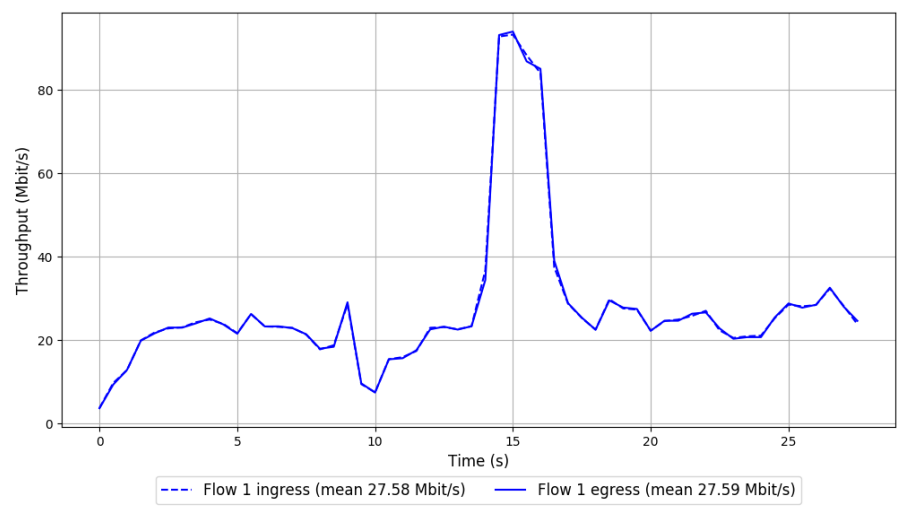


Run 4: Statistics of Copa

Start at: 2017-09-17 14:39:03
End at: 2017-09-17 14:39:33
Local clock offset: 7.986 ms
Remote clock offset: -0.969 ms

Below is generated by plot.py at 2017-09-17 19:05:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.59 Mbit/s
95th percentile per-packet one-way delay: 17.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 27.59 Mbit/s
95th percentile per-packet one-way delay: 17.021 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

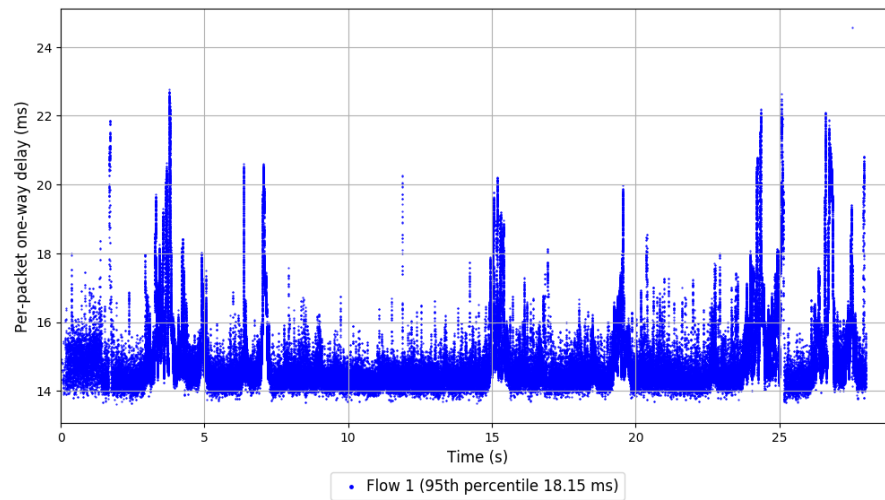
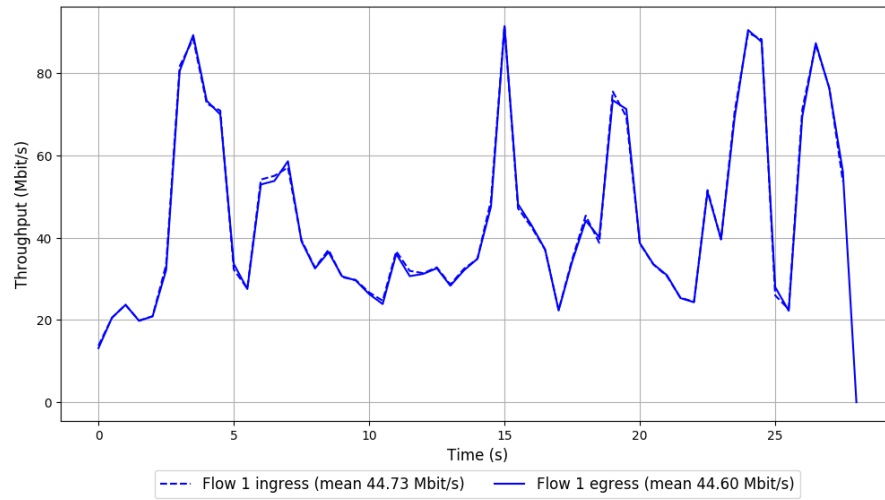


Run 5: Statistics of Copa

Start at: 2017-09-17 15:26:38
End at: 2017-09-17 15:27:08
Local clock offset: 2.856 ms
Remote clock offset: -2.216 ms

Below is generated by plot.py at 2017-09-17 19:06:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 18.153 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 44.60 Mbit/s
95th percentile per-packet one-way delay: 18.153 ms
Loss rate: 0.29%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

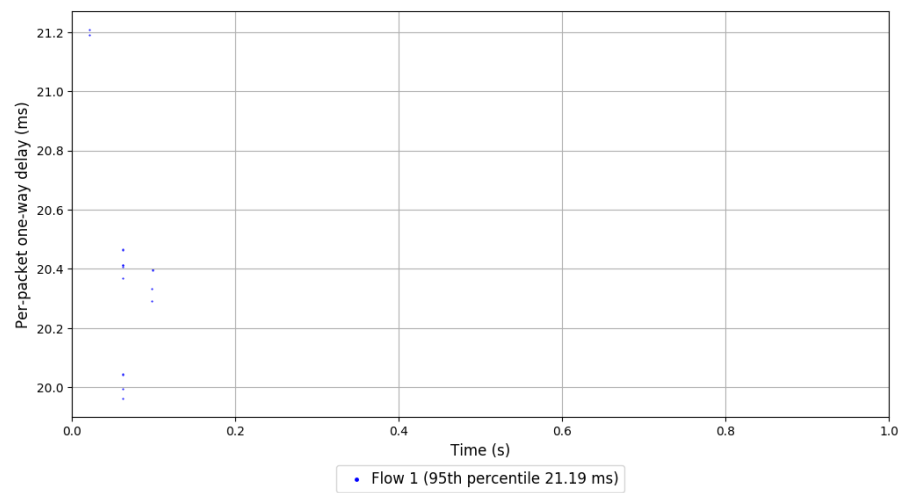
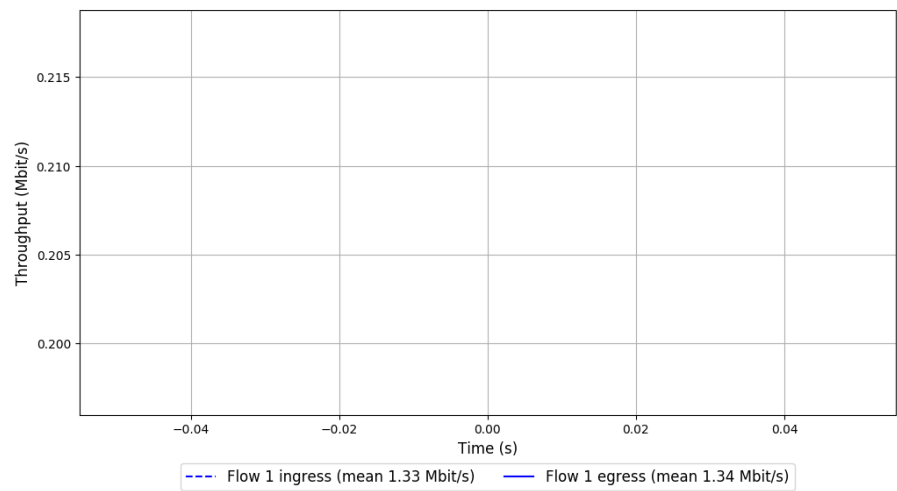
Start at: 2017-09-17 15:55:28

End at: 2017-09-17 15:55:58

Local clock offset: 4.799 ms

Remote clock offset: -1.868 ms

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2017-09-17 16:56:40

End at: 2017-09-17 16:57:10

Local clock offset: -0.16 ms

Remote clock offset: -1.98 ms

Below is generated by plot.py at 2017-09-17 19:06:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.48 Mbit/s

95th percentile per-packet one-way delay: 23.259 ms

Loss rate: 0.00%

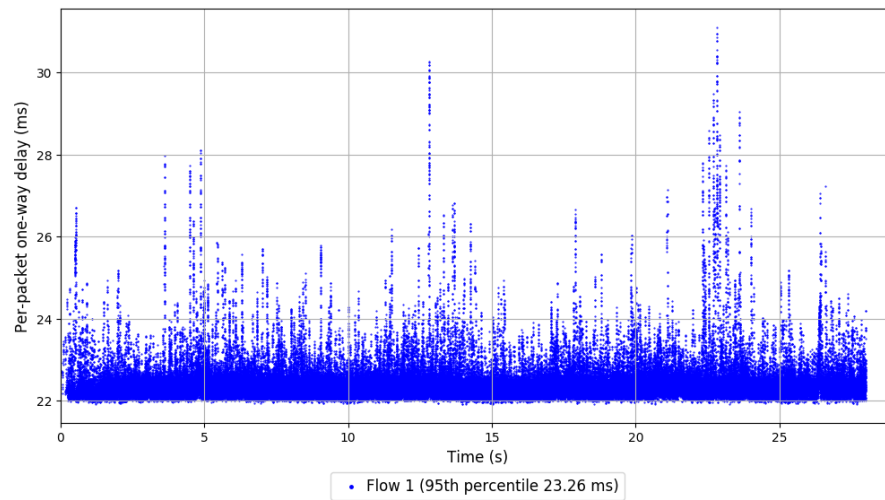
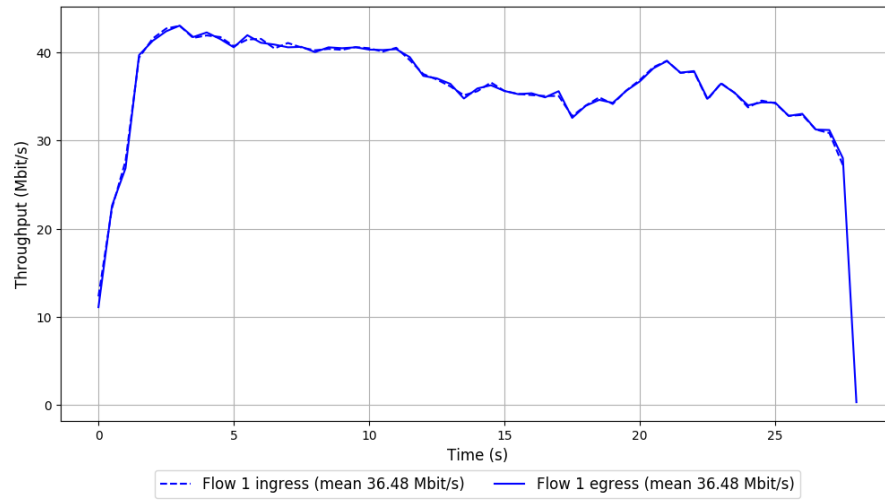
-- Flow 1:

Average throughput: 36.48 Mbit/s

95th percentile per-packet one-way delay: 23.259 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

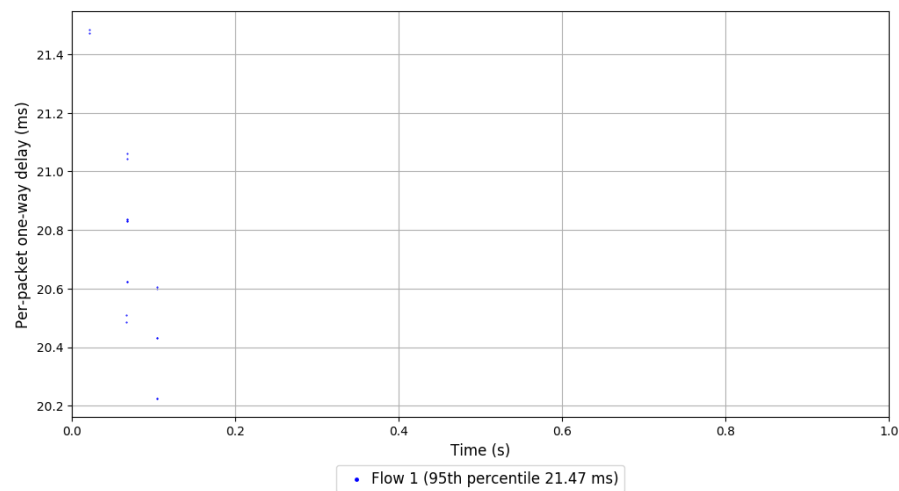
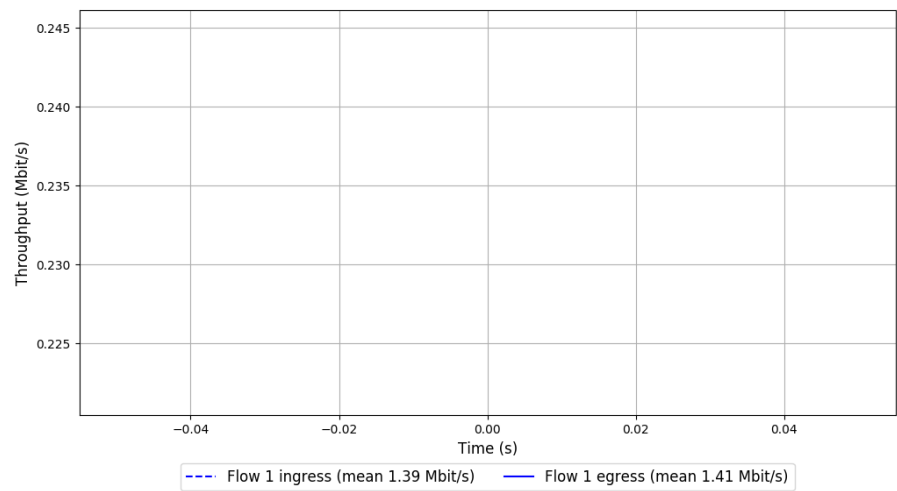
Start at: 2017-09-17 17:37:53

End at: 2017-09-17 17:38:23

Local clock offset: 0.882 ms

Remote clock offset: -1.865 ms

Run 8: Report of Copa — Data Link

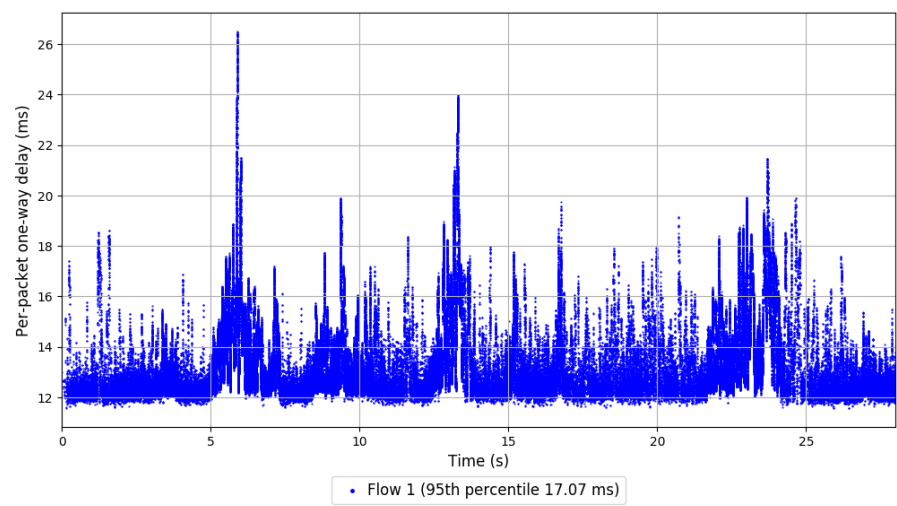
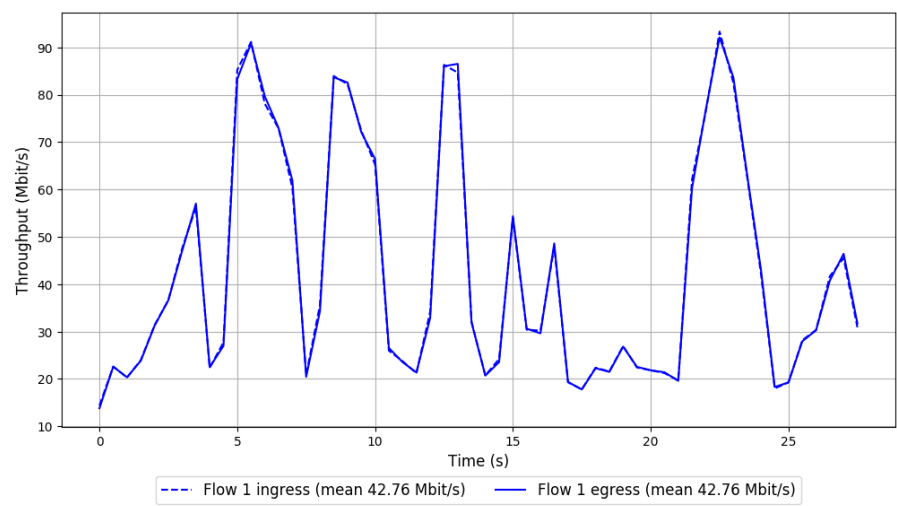


Run 9: Statistics of Copa

Start at: 2017-09-17 17:59:21
End at: 2017-09-17 17:59:51
Local clock offset: -0.652 ms
Remote clock offset: -1.612 ms

Below is generated by plot.py at 2017-09-17 19:06:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 17.073 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 42.76 Mbit/s
95th percentile per-packet one-way delay: 17.073 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2017-09-17 18:22:04

End at: 2017-09-17 18:22:34

Local clock offset: -0.581 ms

Remote clock offset: -4.0 ms

Below is generated by plot.py at 2017-09-17 19:07:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.27 Mbit/s

95th percentile per-packet one-way delay: 10.783 ms

Loss rate: 0.00%

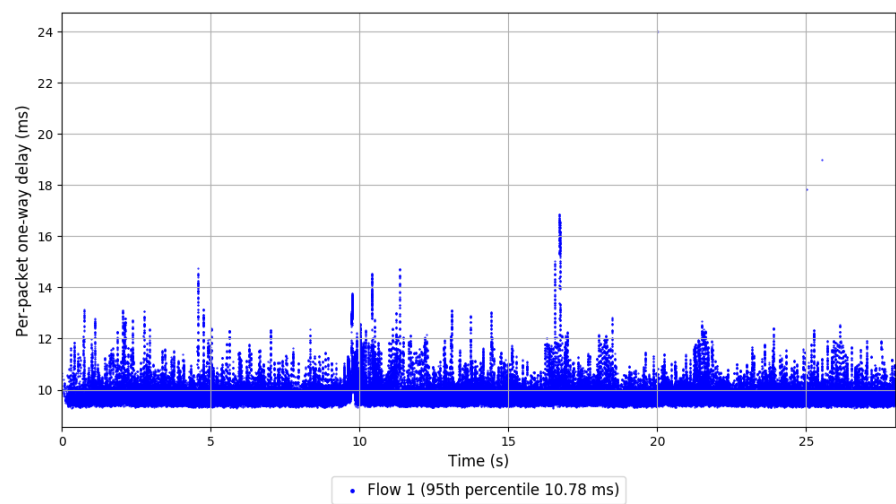
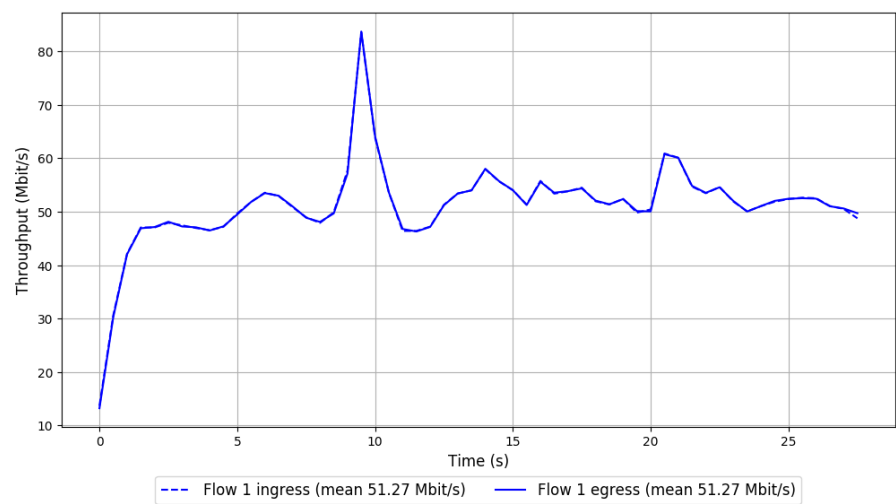
-- Flow 1:

Average throughput: 51.27 Mbit/s

95th percentile per-packet one-way delay: 10.783 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

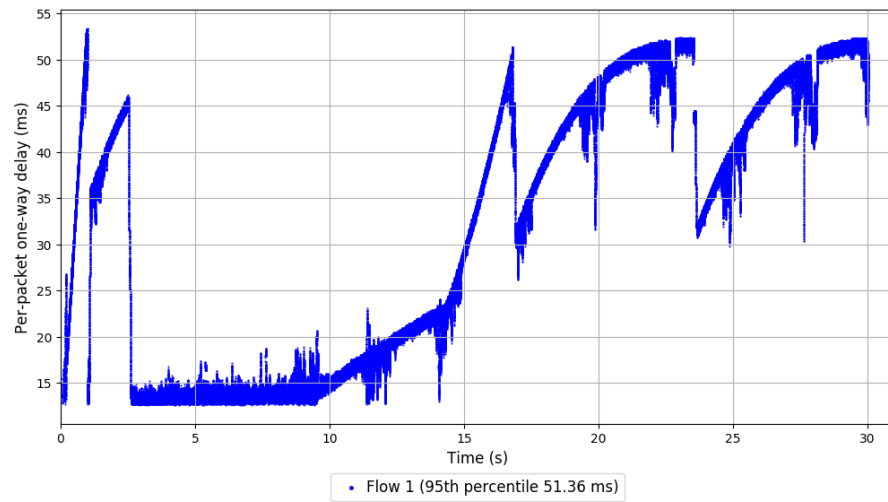
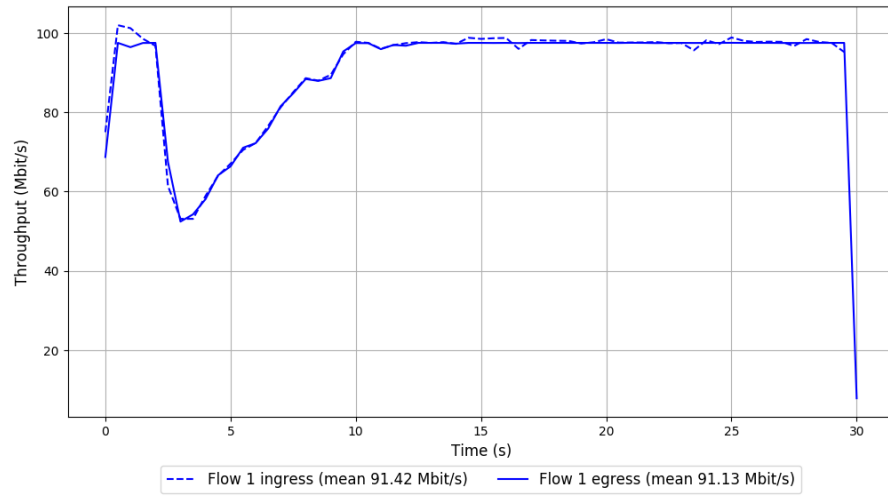


Run 1: Statistics of TCP Cubic

Start at: 2017-09-17 13:25:46
End at: 2017-09-17 13:26:16
Local clock offset: -0.27 ms
Remote clock offset: -8.187 ms

Below is generated by plot.py at 2017-09-17 19:07:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 51.360 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 91.13 Mbit/s
95th percentile per-packet one-way delay: 51.360 ms
Loss rate: 0.21%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-09-17 13:51:04

End at: 2017-09-17 13:51:34

Local clock offset: 6.546 ms

Remote clock offset: -1.758 ms

Below is generated by plot.py at 2017-09-17 19:07:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 52.018 ms

Loss rate: 0.30%

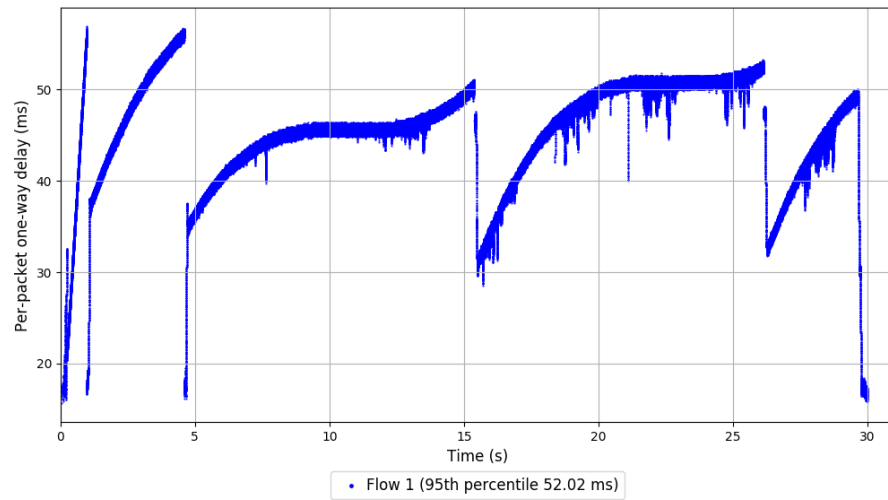
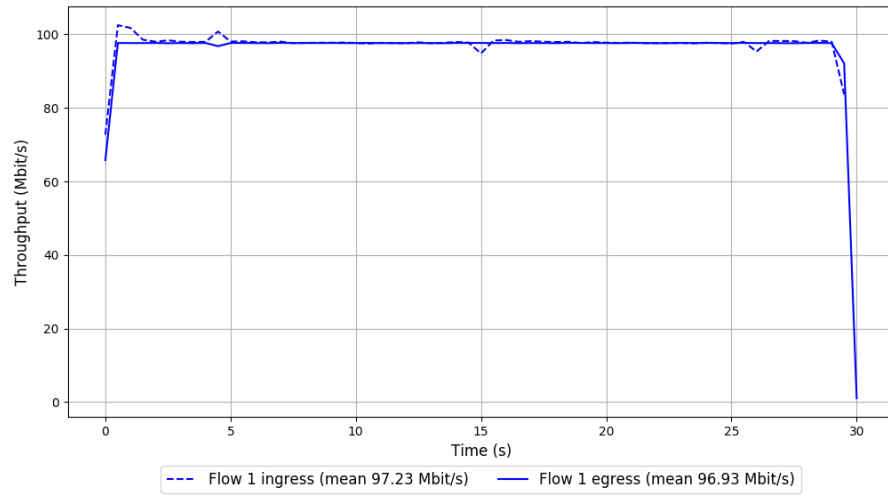
-- Flow 1:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 52.018 ms

Loss rate: 0.30%

Run 2: Report of TCP Cubic — Data Link

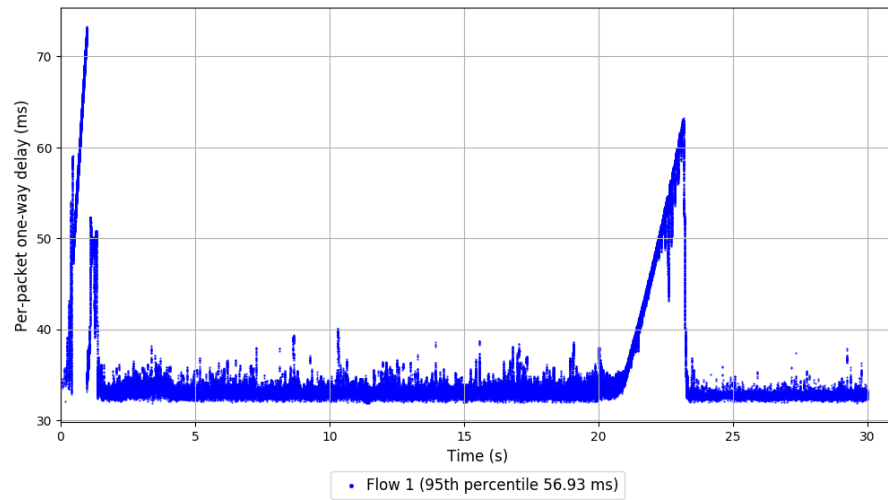
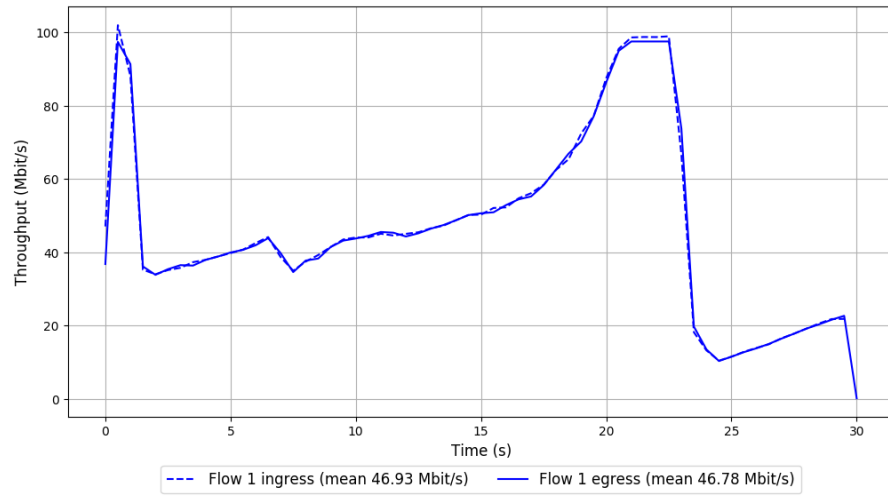


Run 3: Statistics of TCP Cubic

Start at: 2017-09-17 14:15:06
End at: 2017-09-17 14:15:36
Local clock offset: 8.495 ms
Remote clock offset: -1.783 ms

Below is generated by plot.py at 2017-09-17 19:07:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 56.928 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: 56.928 ms
Loss rate: 0.39%

Run 3: Report of TCP Cubic — Data Link

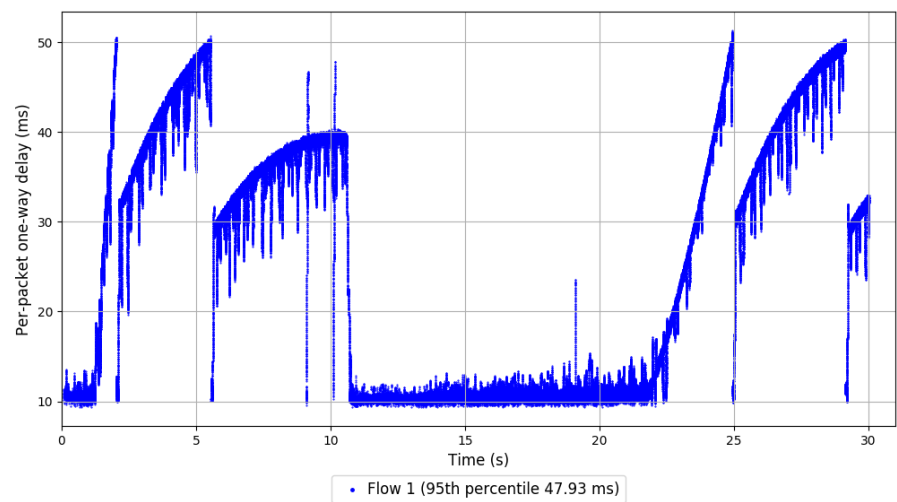
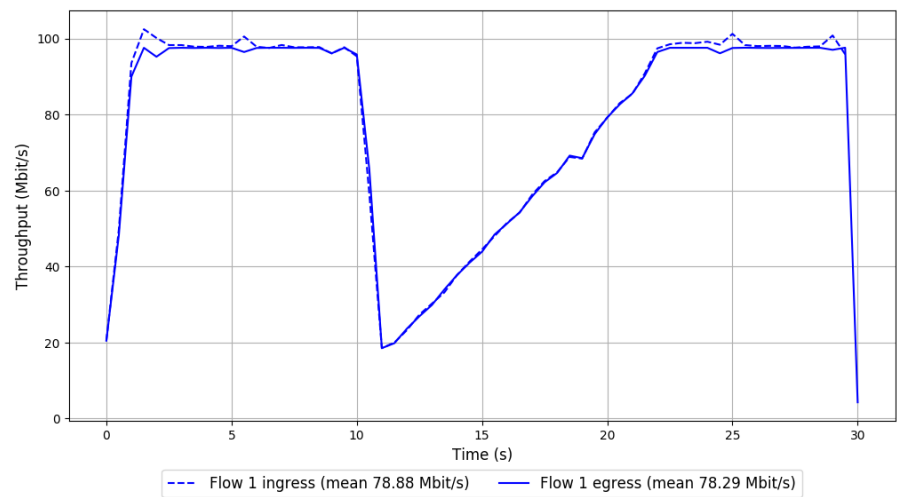


Run 4: Statistics of TCP Cubic

Start at: 2017-09-17 14:41:12
End at: 2017-09-17 14:41:42
Local clock offset: 8.34 ms
Remote clock offset: -2.108 ms

Below is generated by plot.py at 2017-09-17 19:07:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 47.926 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 47.926 ms
Loss rate: 0.67%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-09-17 15:28:31

End at: 2017-09-17 15:29:01

Local clock offset: 4.091 ms

Remote clock offset: -2.36 ms

Below is generated by plot.py at 2017-09-17 19:07:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 51.855 ms

Loss rate: 0.41%

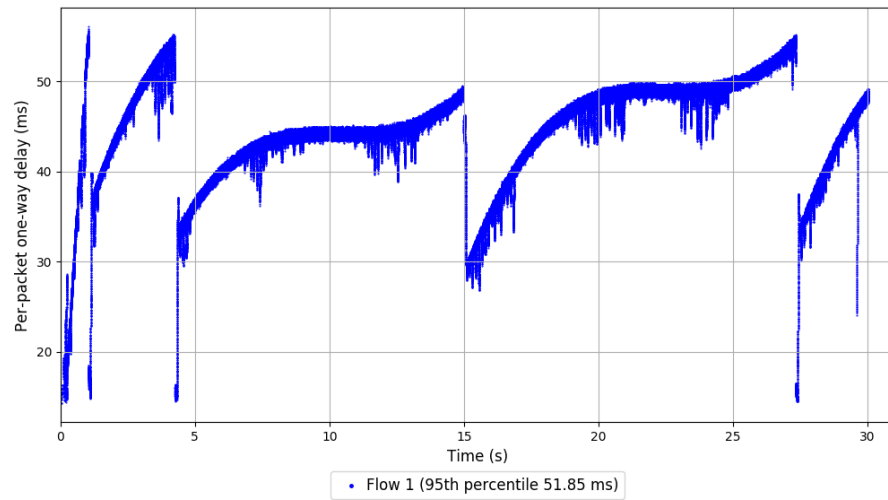
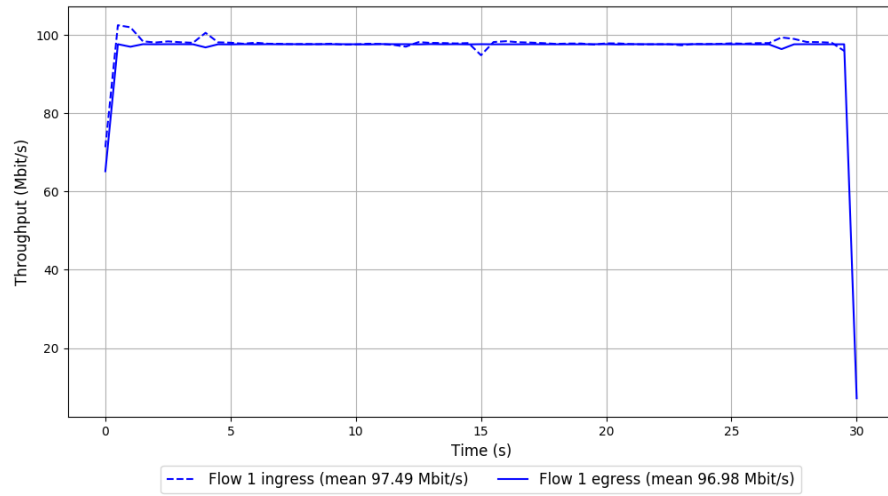
-- Flow 1:

Average throughput: 96.98 Mbit/s

95th percentile per-packet one-way delay: 51.855 ms

Loss rate: 0.41%

Run 5: Report of TCP Cubic — Data Link

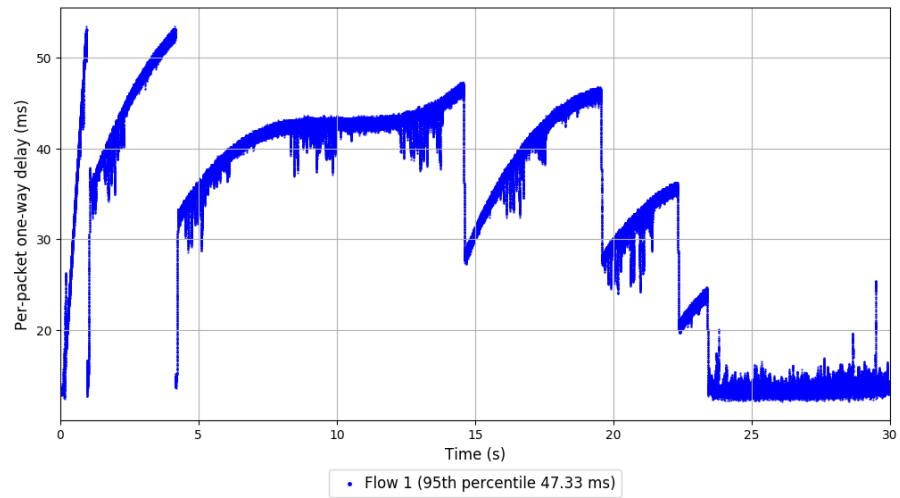
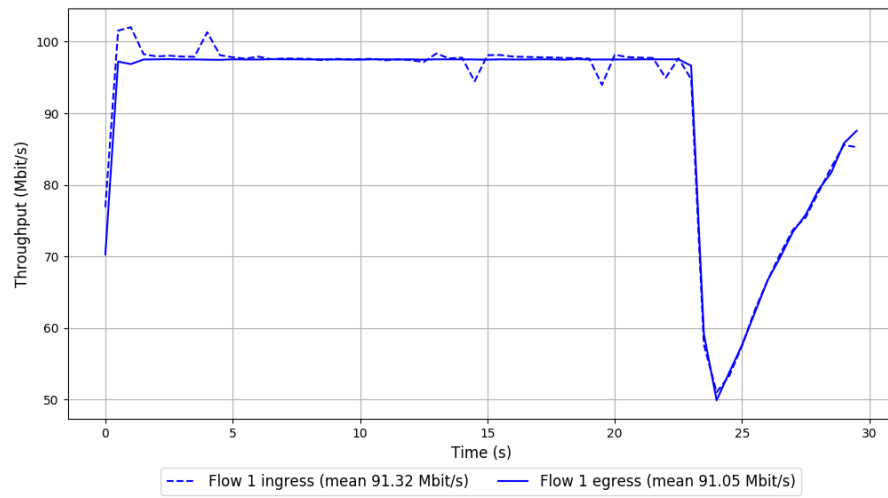


Run 6: Statistics of TCP Cubic

Start at: 2017-09-17 15:56:34
End at: 2017-09-17 15:57:04
Local clock offset: 5.78 ms
Remote clock offset: -1.526 ms

Below is generated by plot.py at 2017-09-17 19:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 47.333 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 47.333 ms
Loss rate: 0.29%

Run 6: Report of TCP Cubic — Data Link

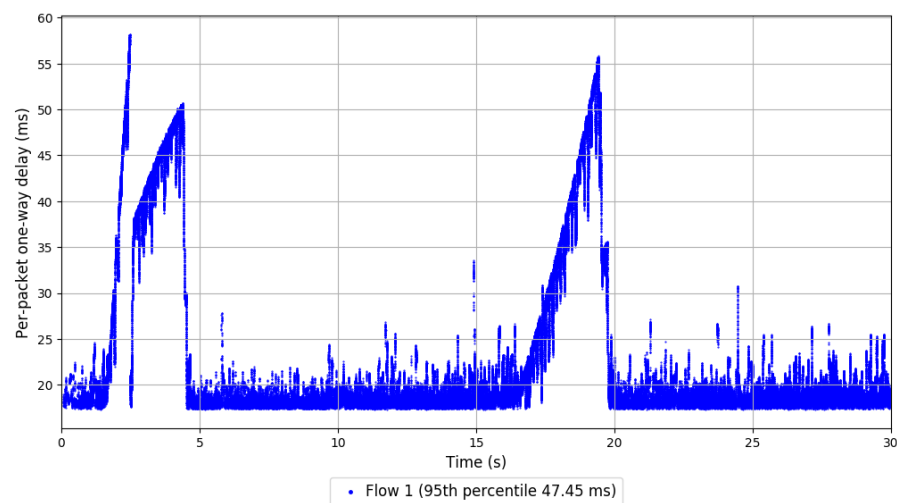
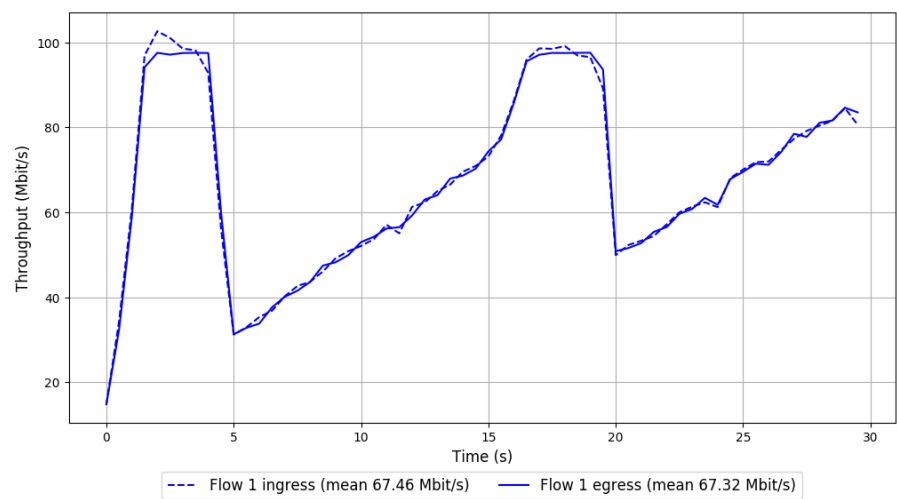


Run 7: Statistics of TCP Cubic

Start at: 2017-09-17 17:04:23
End at: 2017-09-17 17:04:53
Local clock offset: 3.666 ms
Remote clock offset: -2.556 ms

Below is generated by plot.py at 2017-09-17 19:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.32 Mbit/s
95th percentile per-packet one-way delay: 47.446 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 67.32 Mbit/s
95th percentile per-packet one-way delay: 47.446 ms
Loss rate: 0.21%

Run 7: Report of TCP Cubic — Data Link

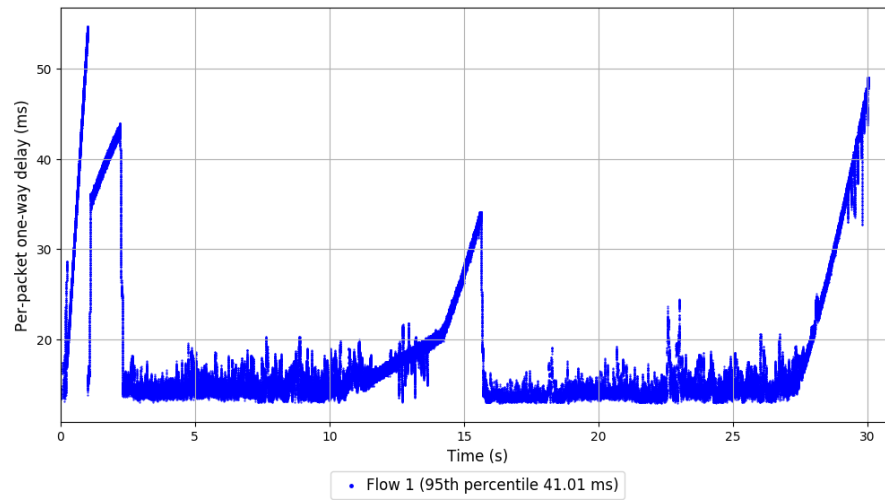
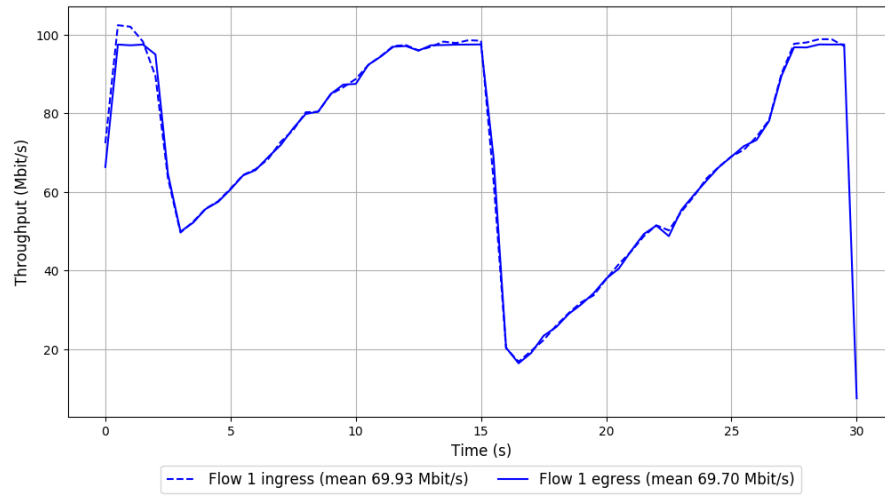


Run 8: Statistics of TCP Cubic

Start at: 2017-09-17 17:38:59
End at: 2017-09-17 17:39:29
Local clock offset: 0.721 ms
Remote clock offset: -1.908 ms

Below is generated by plot.py at 2017-09-17 19:07:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 41.011 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 69.70 Mbit/s
95th percentile per-packet one-way delay: 41.011 ms
Loss rate: 0.21%

Run 8: Report of TCP Cubic — Data Link

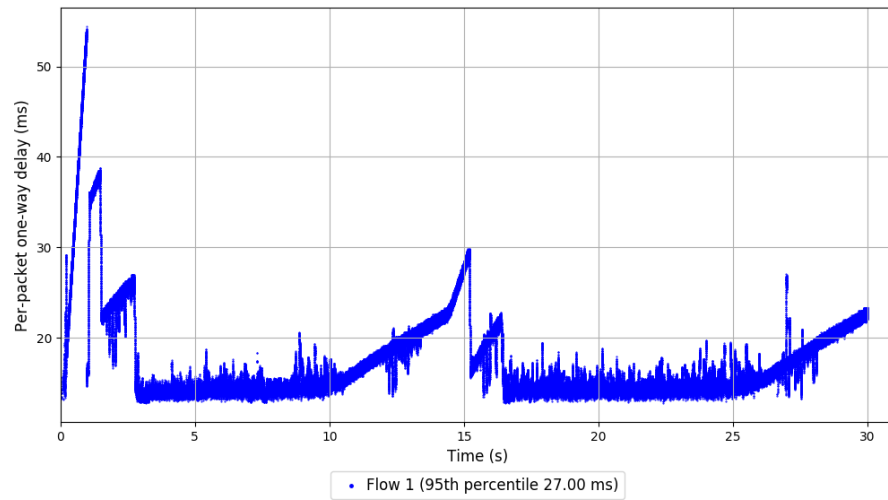
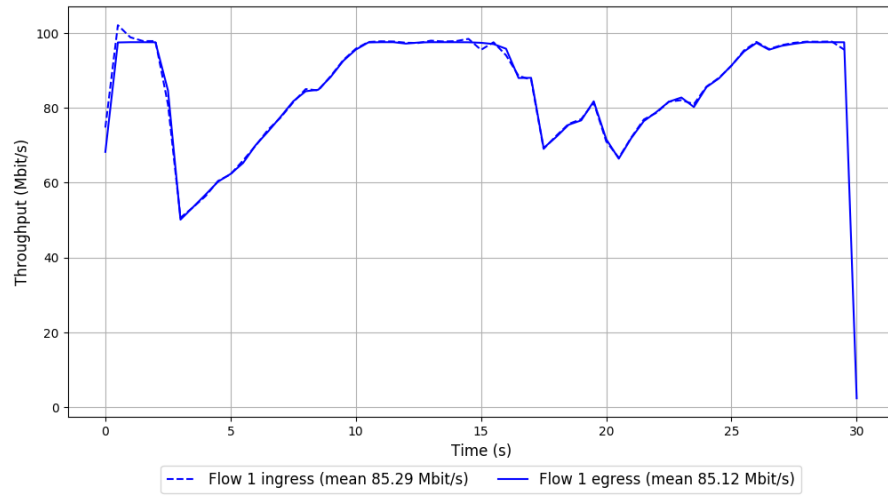


Run 9: Statistics of TCP Cubic

Start at: 2017-09-17 18:00:48
End at: 2017-09-17 18:01:18
Local clock offset: -2.588 ms
Remote clock offset: -2.038 ms

Below is generated by plot.py at 2017-09-17 19:08:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 26.999 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 85.12 Mbit/s
95th percentile per-packet one-way delay: 26.999 ms
Loss rate: 0.16%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2017-09-17 18:23:29

End at: 2017-09-17 18:24:00

Local clock offset: -2.638 ms

Remote clock offset: -0.87 ms

Below is generated by plot.py at 2017-09-17 19:08:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 52.364 ms

Loss rate: 0.45%

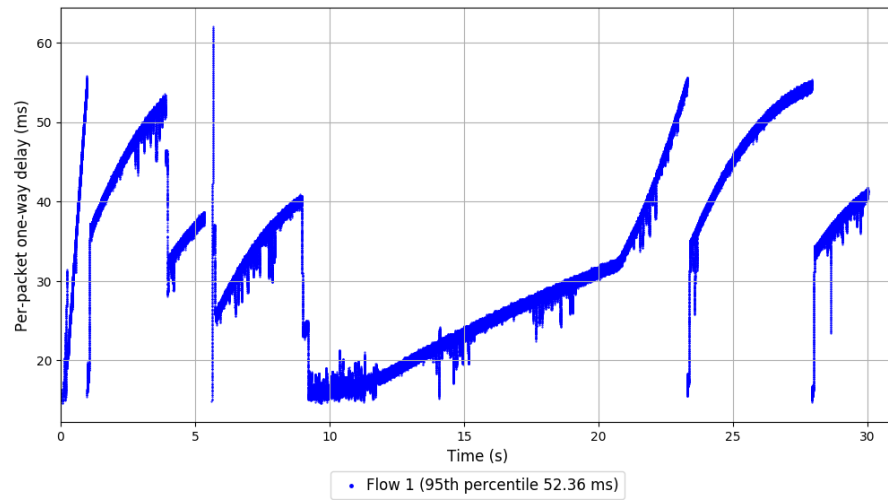
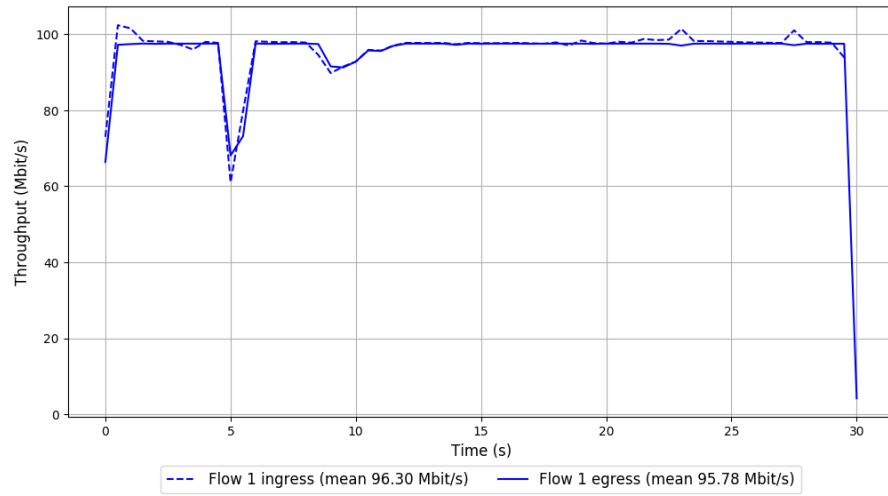
-- Flow 1:

Average throughput: 95.78 Mbit/s

95th percentile per-packet one-way delay: 52.364 ms

Loss rate: 0.45%

Run 10: Report of TCP Cubic — Data Link

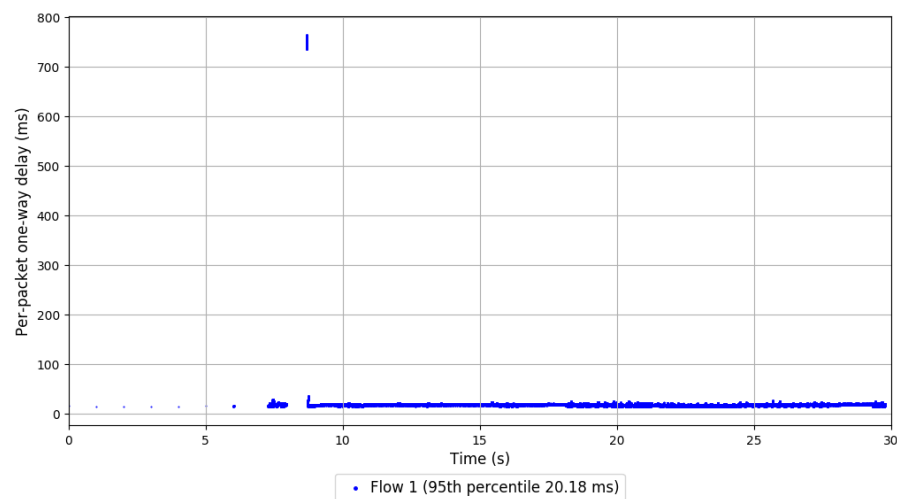
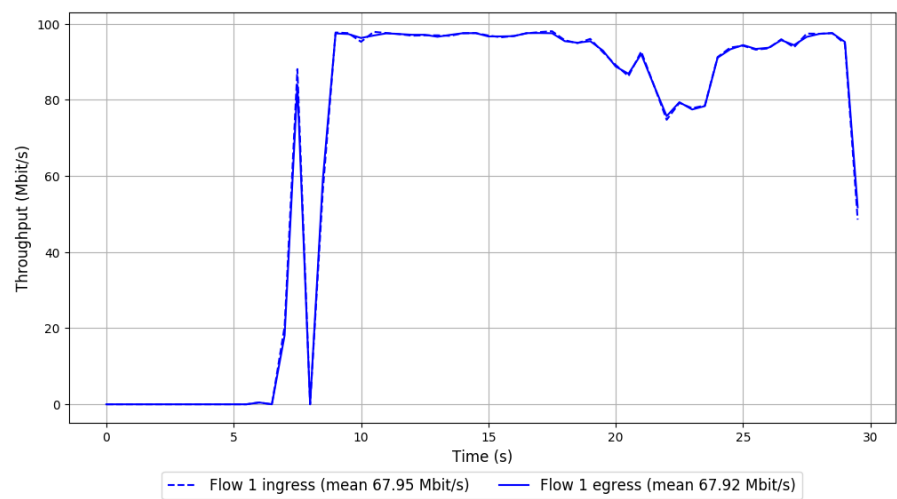


```
Run 1: Statistics of Indigo

Start at: 2017-09-17 13:19:43
End at: 2017-09-17 13:20:13
Local clock offset: 5.995 ms
Remote clock offset: -1.125 ms

# Below is generated by plot.py at 2017-09-17 19:08:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.92 Mbit/s
95th percentile per-packet one-way delay: 20.177 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.92 Mbit/s
95th percentile per-packet one-way delay: 20.177 ms
Loss rate: 0.04%
```


Run 1: Report of Indigo — Data Link

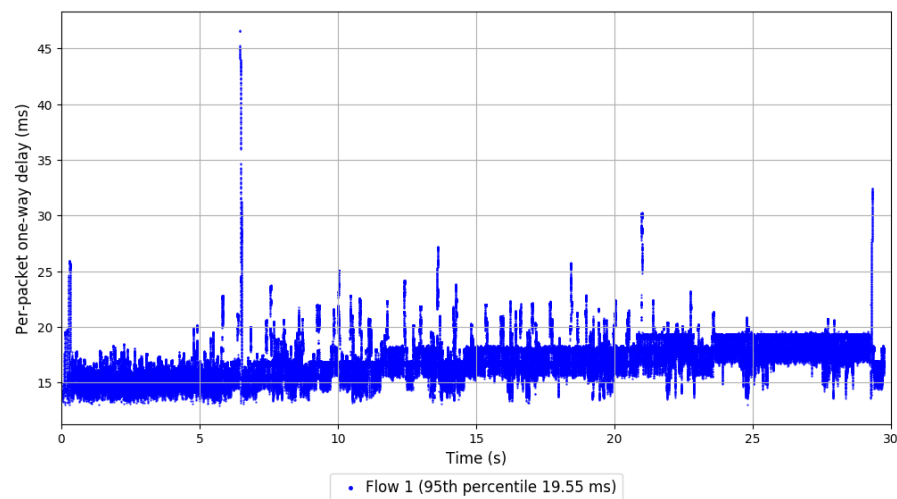
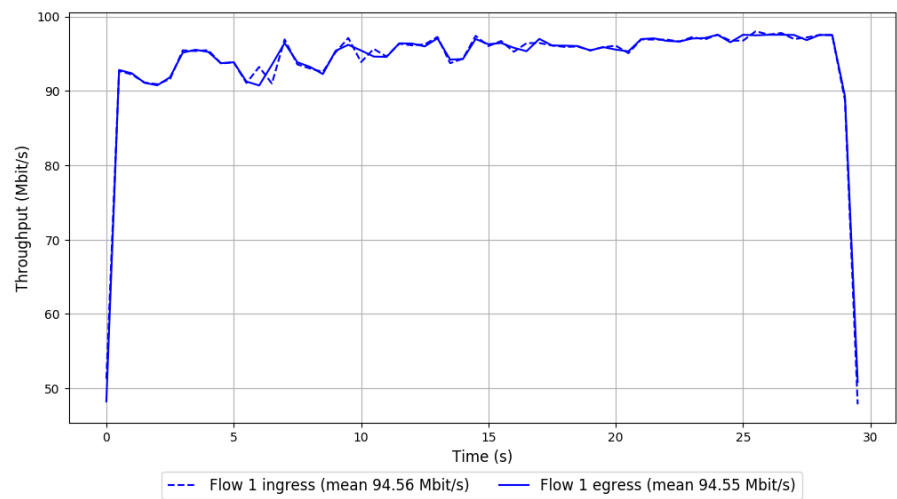


Run 2: Statistics of Indigo

Start at: 2017-09-17 13:44:57
End at: 2017-09-17 13:45:27
Local clock offset: 7.288 ms
Remote clock offset: -1.714 ms

Below is generated by plot.py at 2017-09-17 19:08:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 19.551 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 19.551 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-17 14:07:59

End at: 2017-09-17 14:08:29

Local clock offset: 7.924 ms

Remote clock offset: -1.881 ms

Below is generated by plot.py at 2017-09-17 19:09:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.88 Mbit/s

95th percentile per-packet one-way delay: 18.570 ms

Loss rate: 0.01%

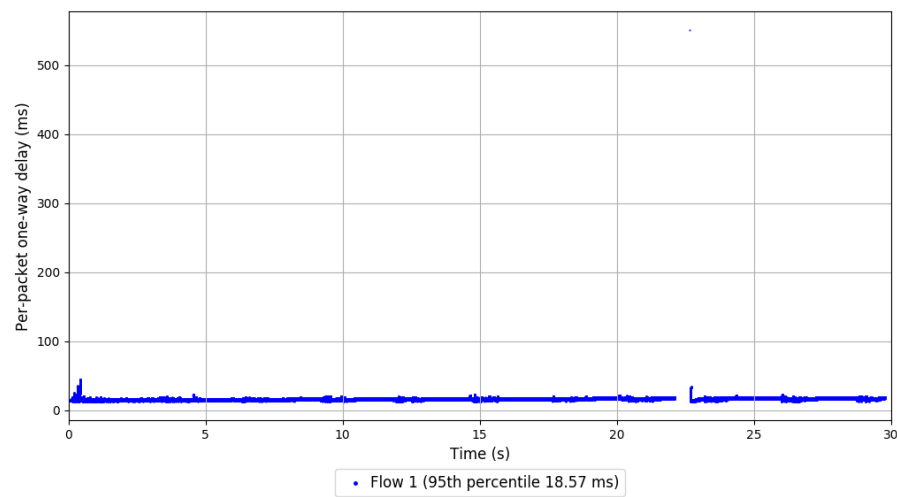
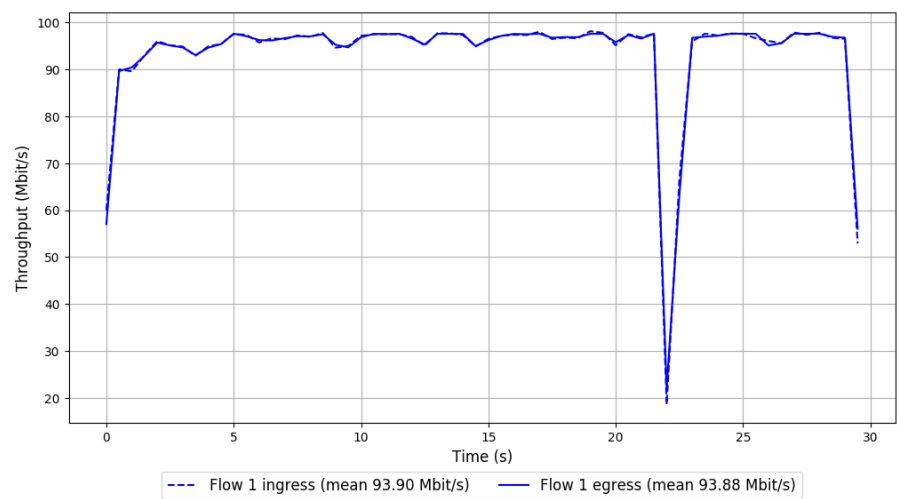
-- Flow 1:

Average throughput: 93.88 Mbit/s

95th percentile per-packet one-way delay: 18.570 ms

Loss rate: 0.01%

Run 3: Report of Indigo — Data Link

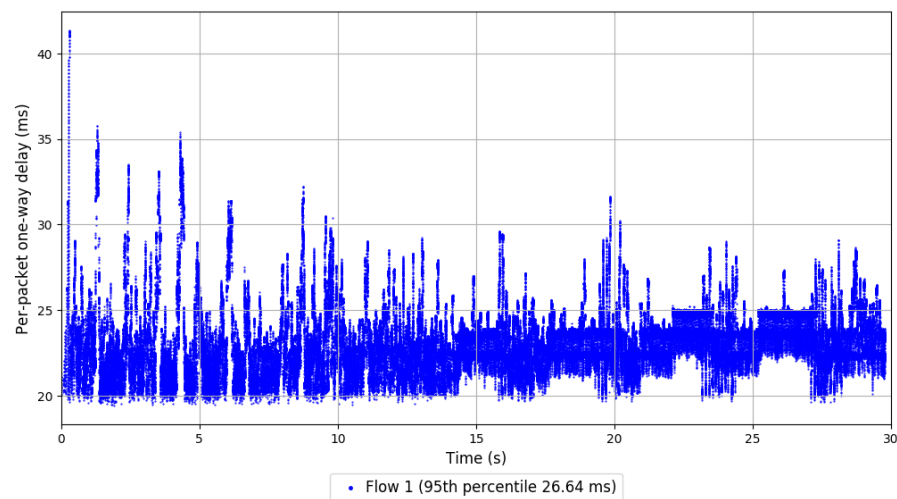
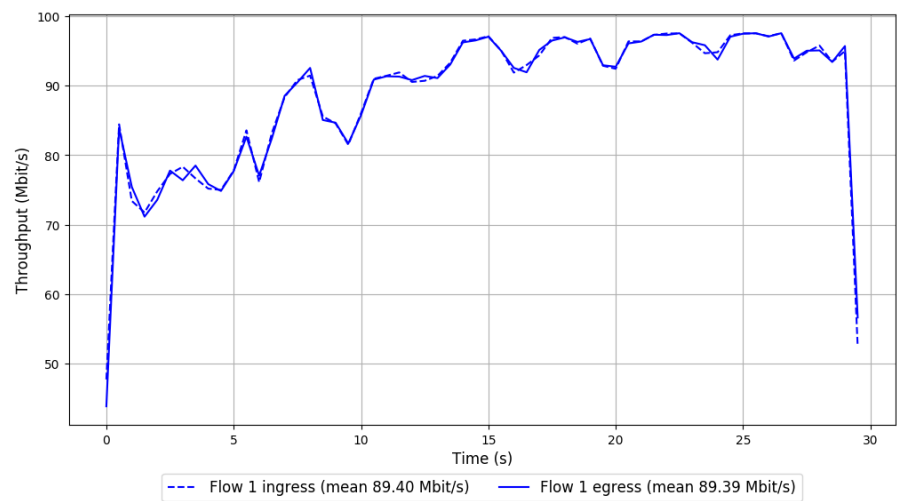


Run 4: Statistics of Indigo

Start at: 2017-09-17 14:31:32
End at: 2017-09-17 14:32:02
Local clock offset: 7.647 ms
Remote clock offset: -1.523 ms

Below is generated by plot.py at 2017-09-17 19:09:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.39 Mbit/s
95th percentile per-packet one-way delay: 26.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.39 Mbit/s
95th percentile per-packet one-way delay: 26.641 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-09-17 15:20:57

End at: 2017-09-17 15:21:27

Local clock offset: 5.285 ms

Remote clock offset: -1.23 ms

Below is generated by plot.py at 2017-09-17 19:09:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 18.704 ms

Loss rate: 0.07%

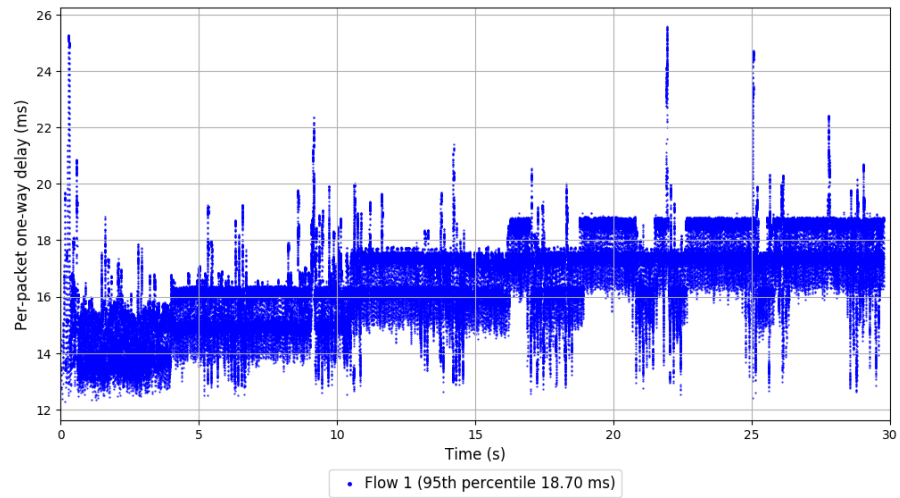
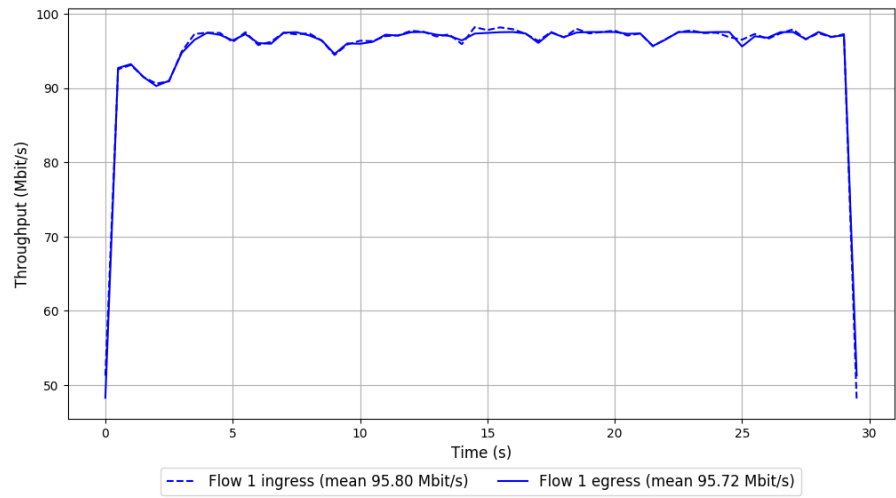
-- Flow 1:

Average throughput: 95.72 Mbit/s

95th percentile per-packet one-way delay: 18.704 ms

Loss rate: 0.07%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-09-17 15:49:29

End at: 2017-09-17 15:49:59

Local clock offset: 4.805 ms

Remote clock offset: -2.282 ms

Below is generated by plot.py at 2017-09-17 19:09:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.40 Mbit/s

95th percentile per-packet one-way delay: 17.864 ms

Loss rate: 0.30%

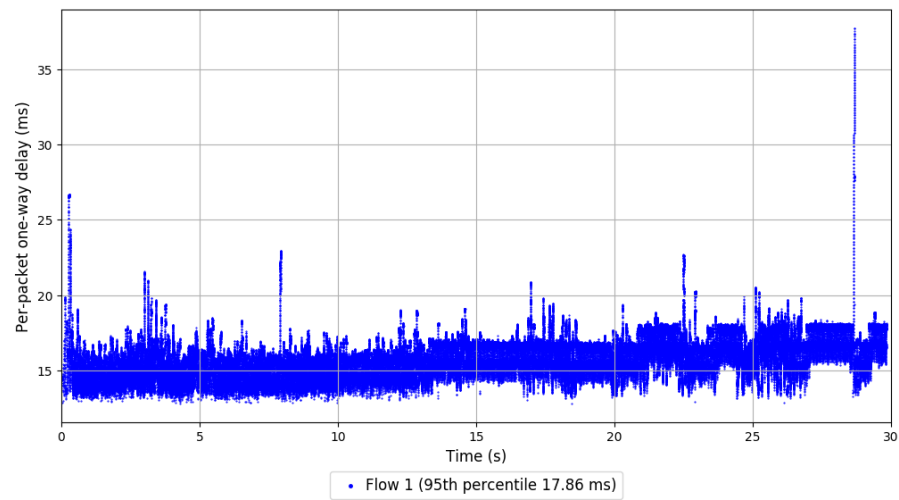
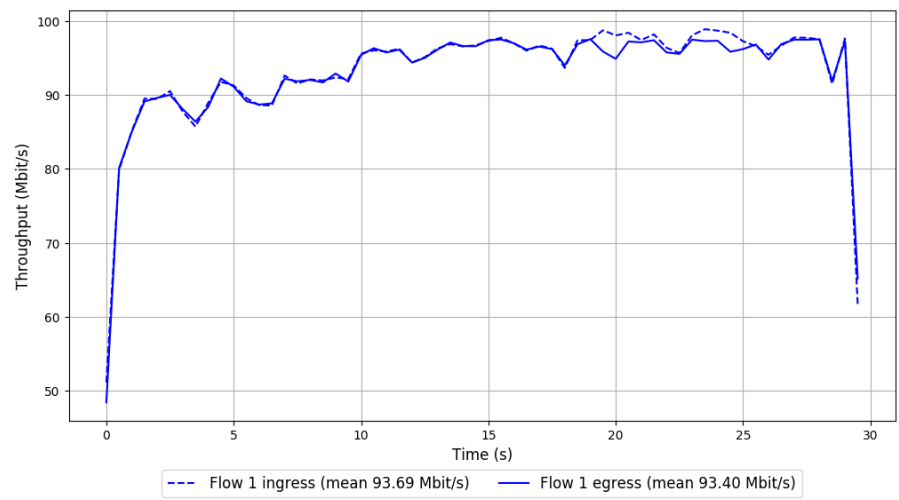
-- Flow 1:

Average throughput: 93.40 Mbit/s

95th percentile per-packet one-way delay: 17.864 ms

Loss rate: 0.30%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2017-09-17 16:20:48

End at: 2017-09-17 16:21:18

Local clock offset: 0.805 ms

Remote clock offset: -1.21 ms

Below is generated by plot.py at 2017-09-17 19:09:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.05 Mbit/s

95th percentile per-packet one-way delay: 28.759 ms

Loss rate: 0.67%

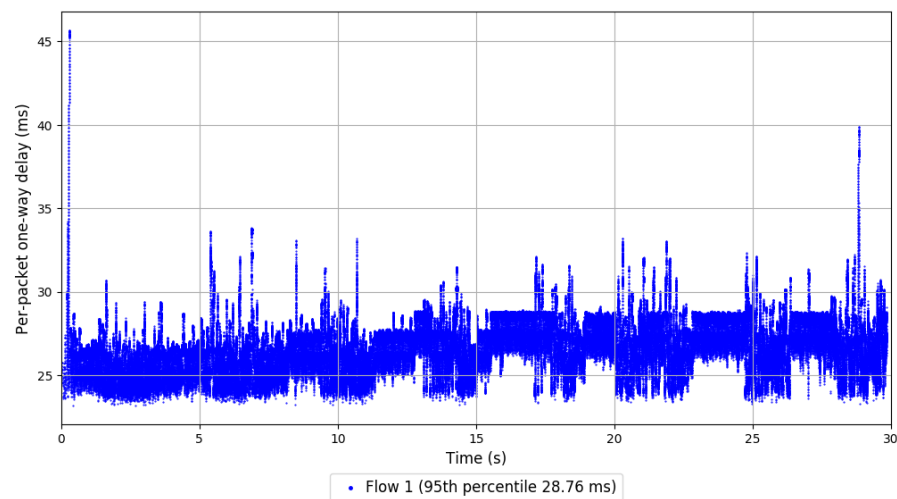
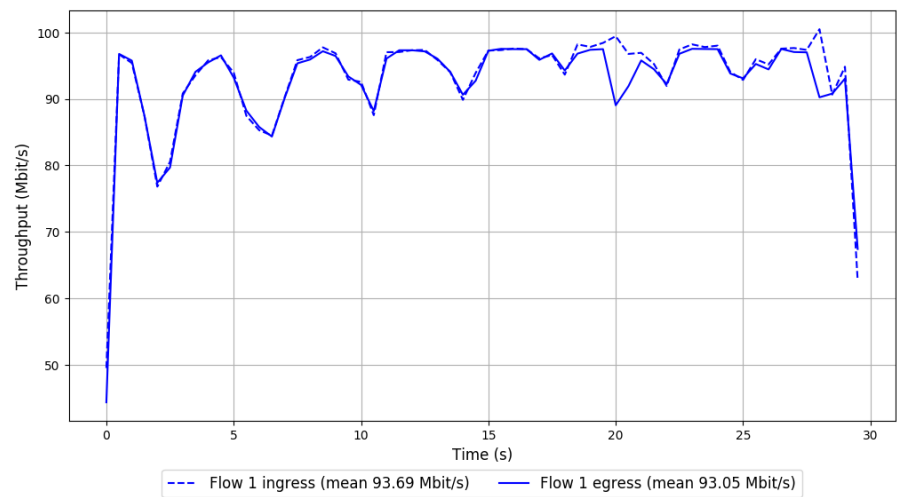
-- Flow 1:

Average throughput: 93.05 Mbit/s

95th percentile per-packet one-way delay: 28.759 ms

Loss rate: 0.67%

Run 7: Report of Indigo — Data Link

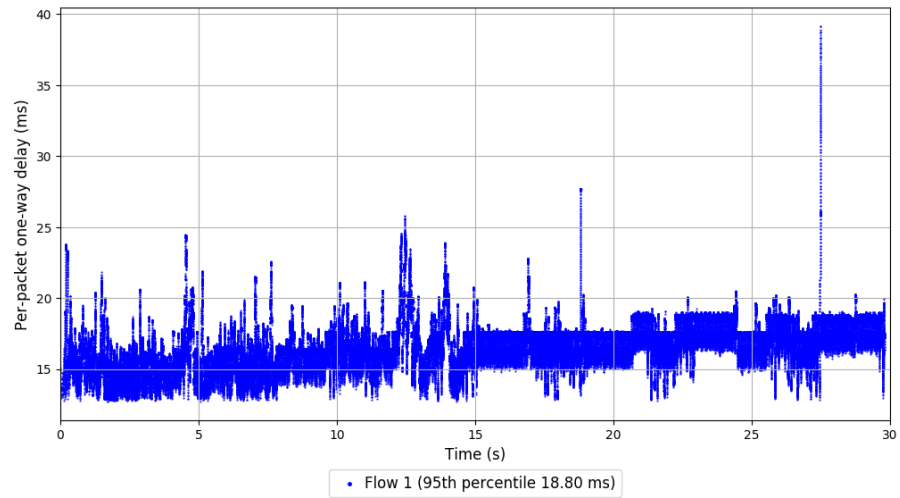
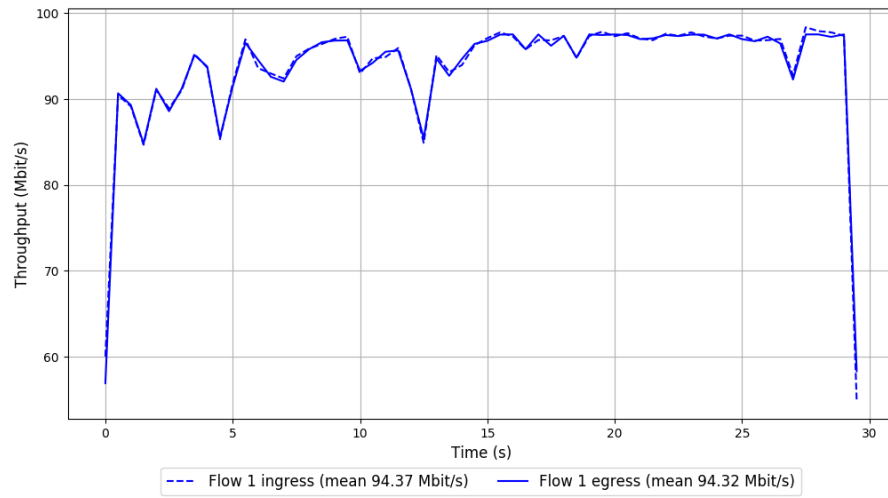


Run 8: Statistics of Indigo

Start at: 2017-09-17 17:32:42
End at: 2017-09-17 17:33:12
Local clock offset: 0.807 ms
Remote clock offset: -2.398 ms

Below is generated by plot.py at 2017-09-17 19:09:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 18.805 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 18.805 ms
Loss rate: 0.05%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2017-09-17 17:54:58

End at: 2017-09-17 17:55:28

Local clock offset: 1.001 ms

Remote clock offset: -1.75 ms

Below is generated by plot.py at 2017-09-17 19:10:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 27.061 ms

Loss rate: 0.00%

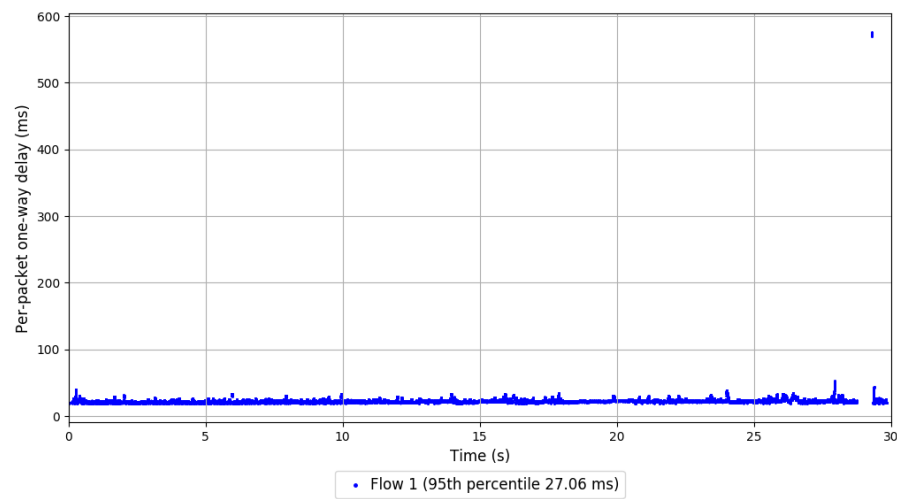
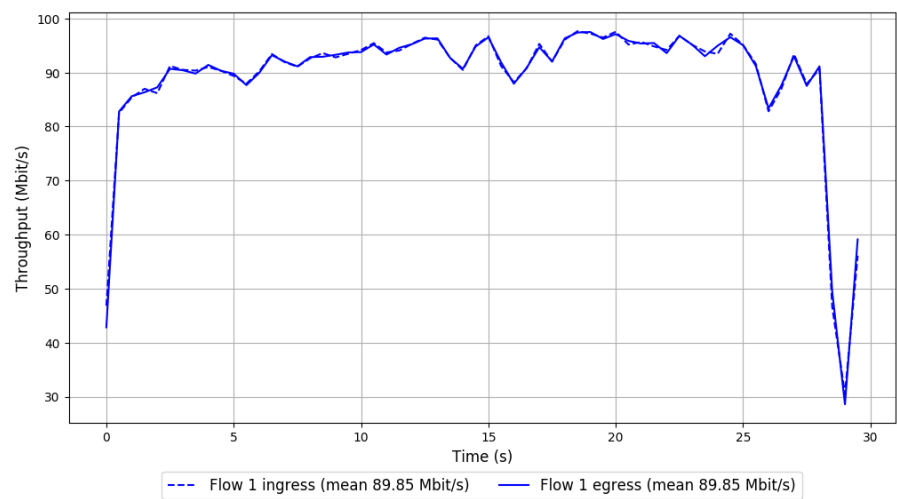
-- Flow 1:

Average throughput: 89.85 Mbit/s

95th percentile per-packet one-way delay: 27.061 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-09-17 18:17:22

End at: 2017-09-17 18:17:52

Local clock offset: -3.136 ms

Remote clock offset: -0.97 ms

Below is generated by plot.py at 2017-09-17 19:10:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 21.539 ms

Loss rate: 0.00%

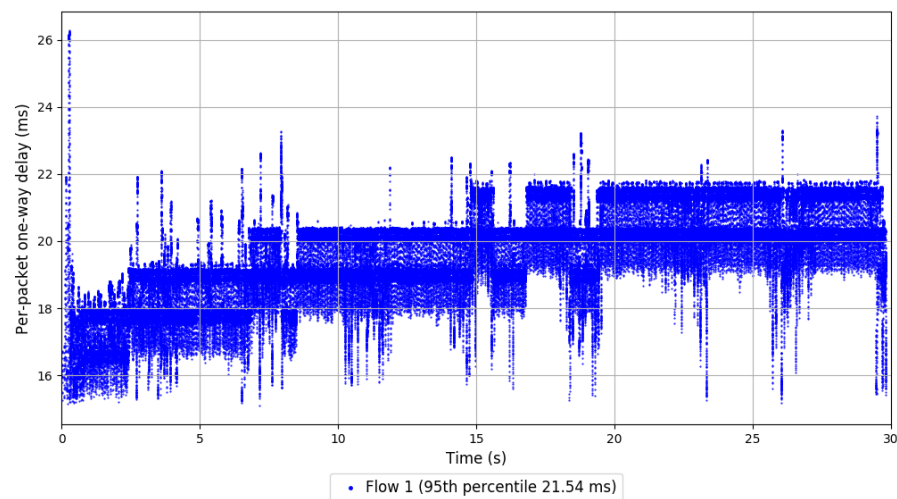
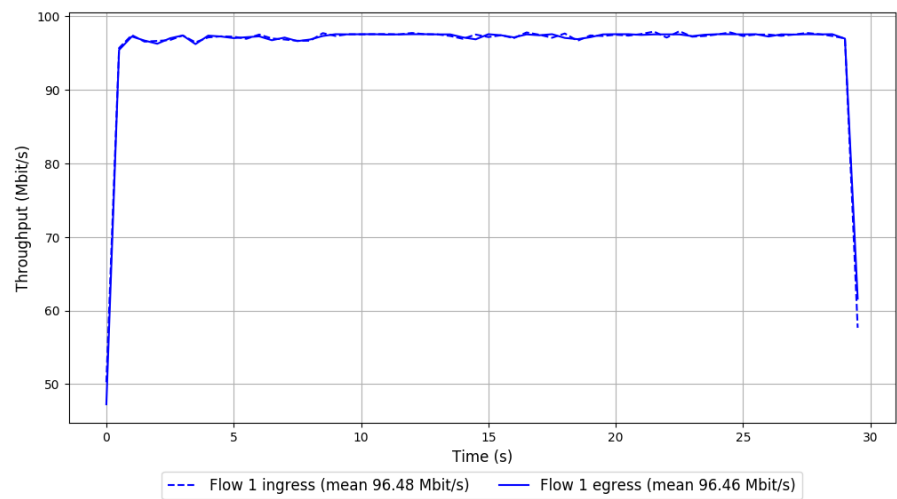
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 21.539 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

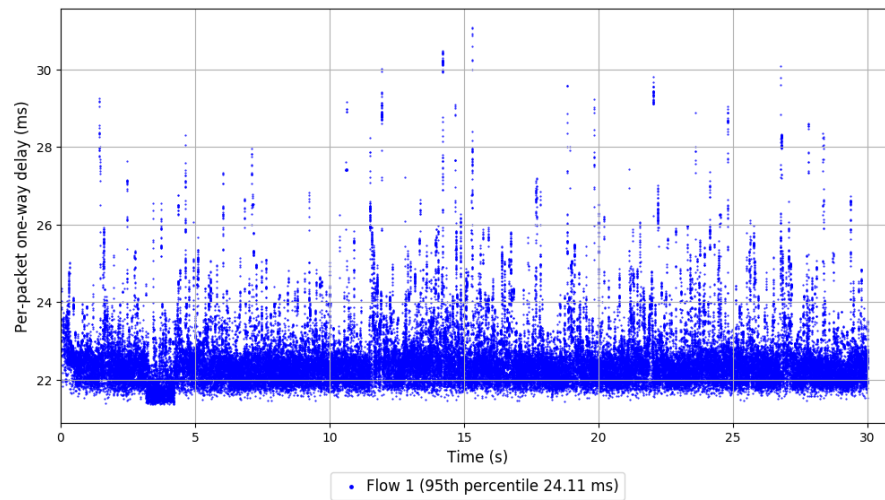
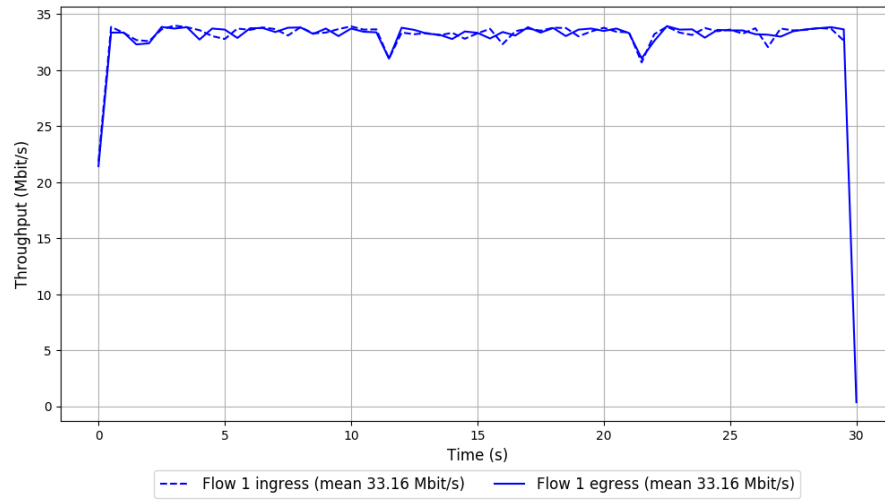


```
Run 1: Statistics of KohoCC

Start at: 2017-09-17 13:21:16
End at: 2017-09-17 13:21:46
Local clock offset: 4.463 ms
Remote clock offset: -1.662 ms

# Below is generated by plot.py at 2017-09-17 19:10:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 24.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 24.107 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link



Run 2: Statistics of KohoCC

Start at: 2017-09-17 13:46:47

End at: 2017-09-17 13:47:17

Local clock offset: 4.812 ms

Remote clock offset: -2.08 ms

Below is generated by plot.py at 2017-09-17 19:10:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.17 Mbit/s

95th percentile per-packet one-way delay: 23.894 ms

Loss rate: 0.00%

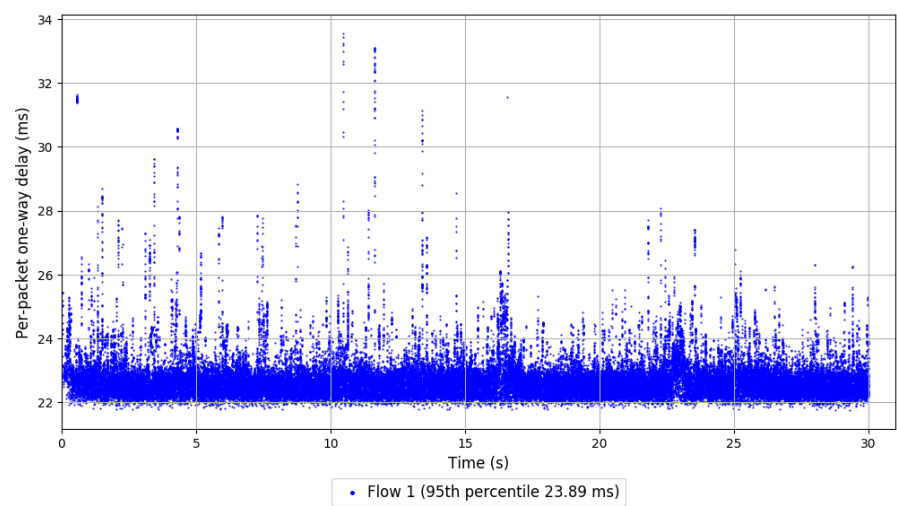
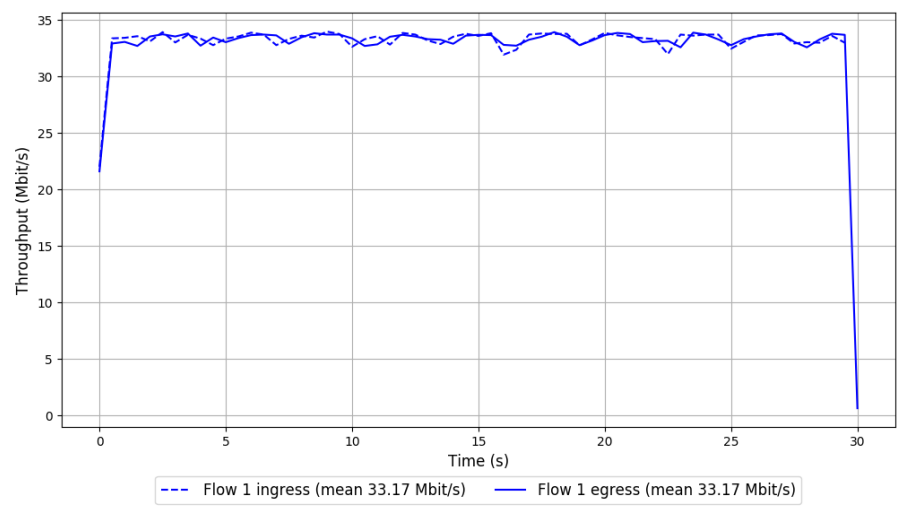
-- Flow 1:

Average throughput: 33.17 Mbit/s

95th percentile per-packet one-way delay: 23.894 ms

Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link

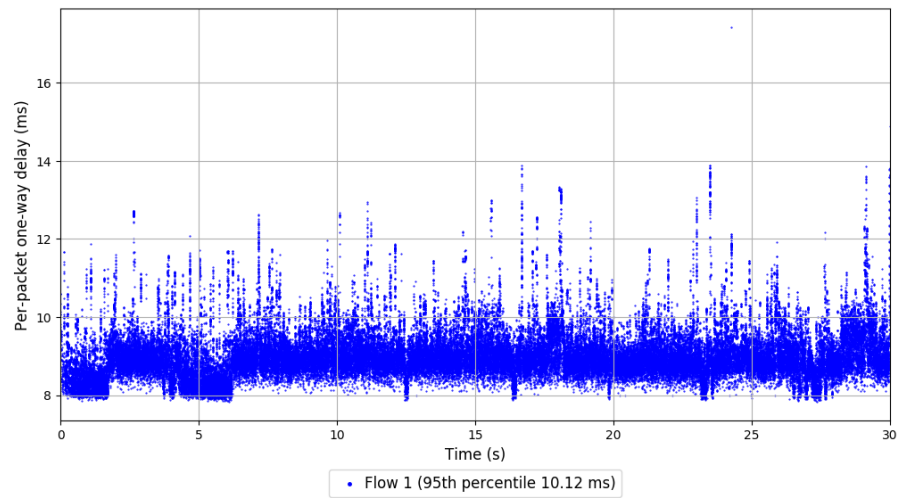
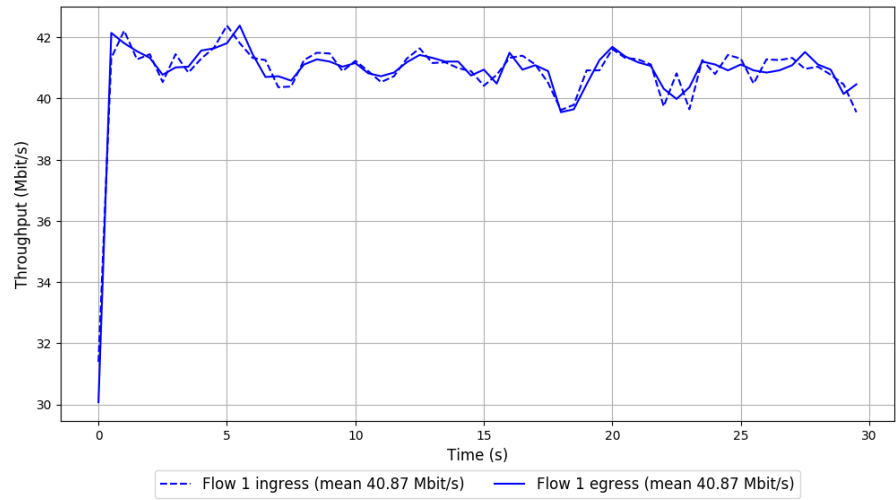


Run 3: Statistics of KohoCC

Start at: 2017-09-17 14:09:52
End at: 2017-09-17 14:10:23
Local clock offset: 11.264 ms
Remote clock offset: -2.563 ms

Below is generated by plot.py at 2017-09-17 19:10:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.87 Mbit/s
95th percentile per-packet one-way delay: 10.116 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.87 Mbit/s
95th percentile per-packet one-way delay: 10.116 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link

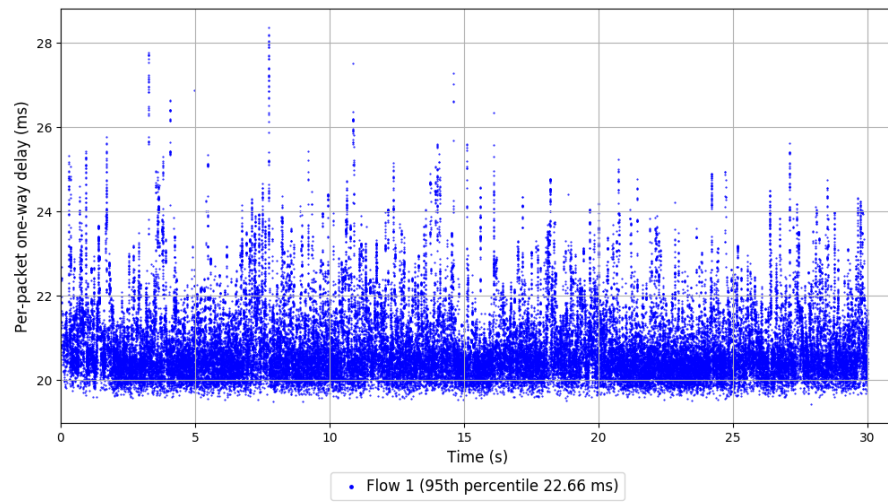
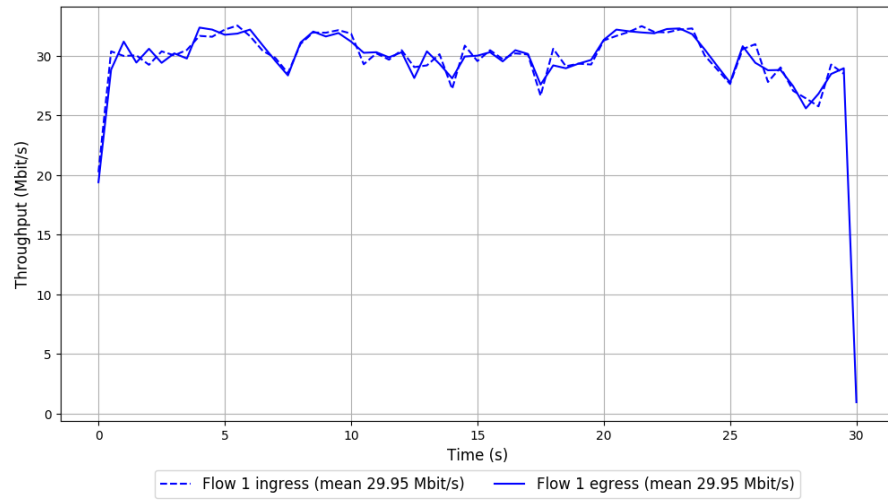


Run 4: Statistics of KohoCC

Start at: 2017-09-17 14:33:37
End at: 2017-09-17 14:34:07
Local clock offset: 7.326 ms
Remote clock offset: -1.696 ms

Below is generated by plot.py at 2017-09-17 19:10:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 22.664 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 29.95 Mbit/s
95th percentile per-packet one-way delay: 22.664 ms
Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link



Run 5: Statistics of KohoCC

Start at: 2017-09-17 15:23:29

End at: 2017-09-17 15:23:59

Local clock offset: 5.548 ms

Remote clock offset: -1.715 ms

Run 5: Report of KohoCC — Data Link

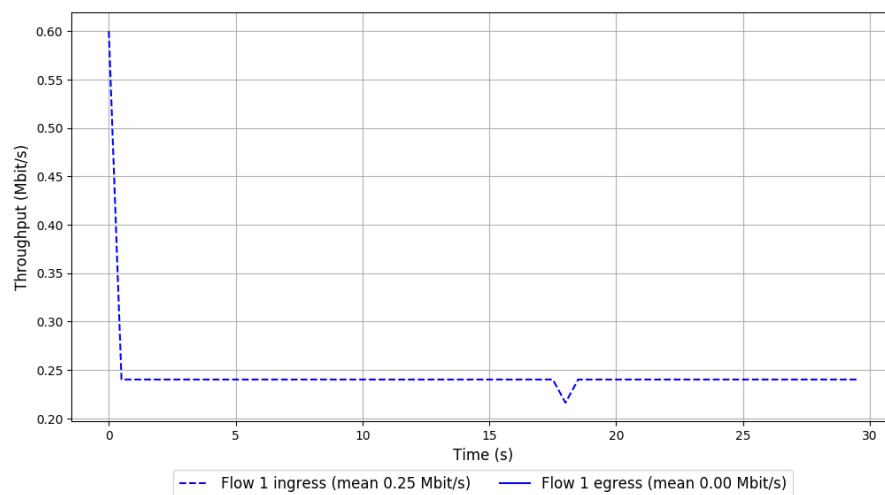


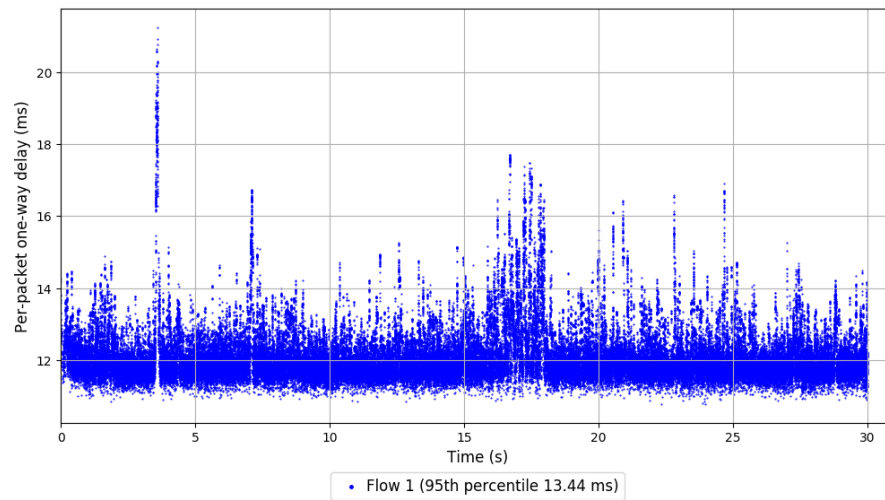
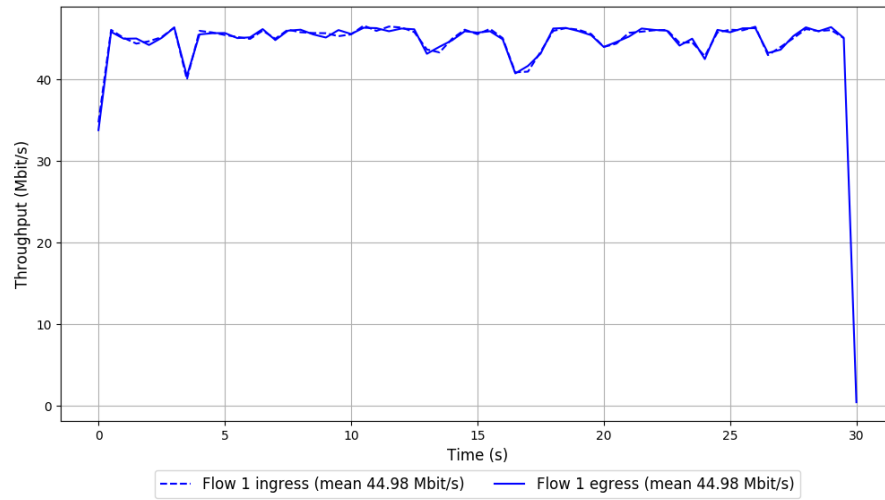
Figure is missing

Run 6: Statistics of KohoCC

Start at: 2017-09-17 15:51:19
End at: 2017-09-17 15:51:49
Local clock offset: 5.525 ms
Remote clock offset: -1.525 ms

Below is generated by plot.py at 2017-09-17 19:10:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 13.443 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.98 Mbit/s
95th percentile per-packet one-way delay: 13.443 ms
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

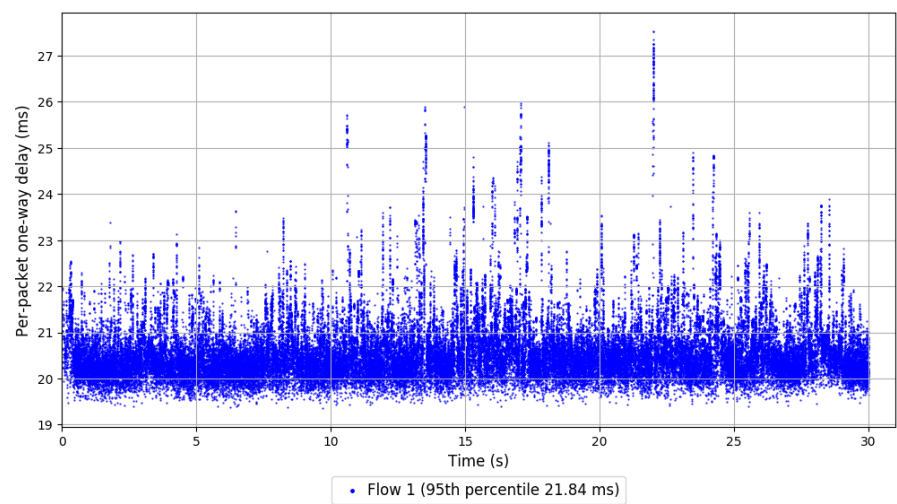
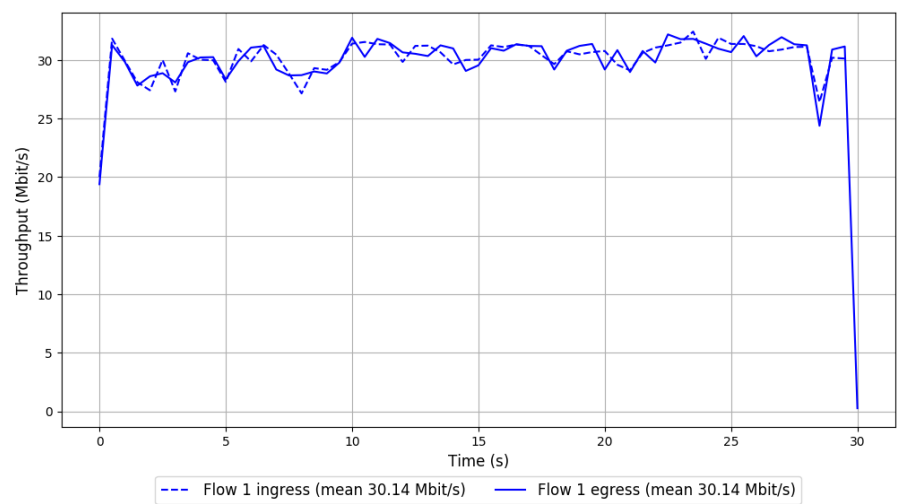


Run 7: Statistics of KohoCC

Start at: 2017-09-17 16:27:01
End at: 2017-09-17 16:27:31
Local clock offset: 2.76 ms
Remote clock offset: -2.579 ms

Below is generated by plot.py at 2017-09-17 19:10:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 21.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 30.14 Mbit/s
95th percentile per-packet one-way delay: 21.841 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

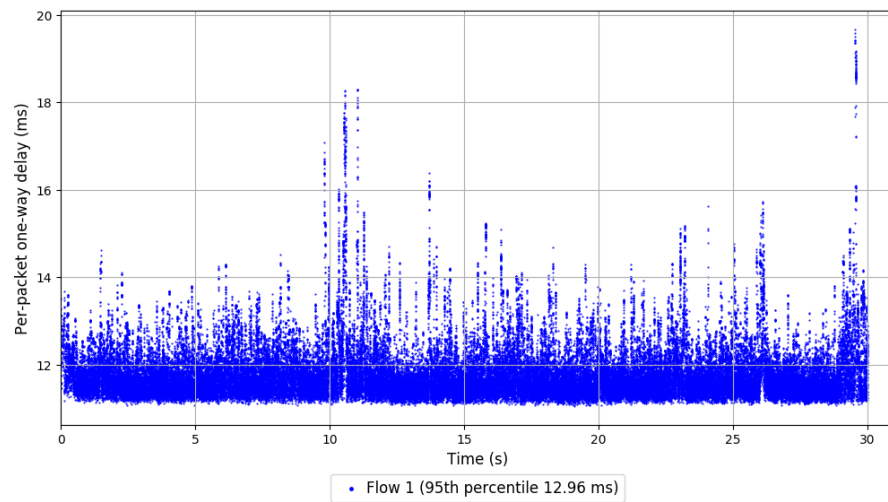
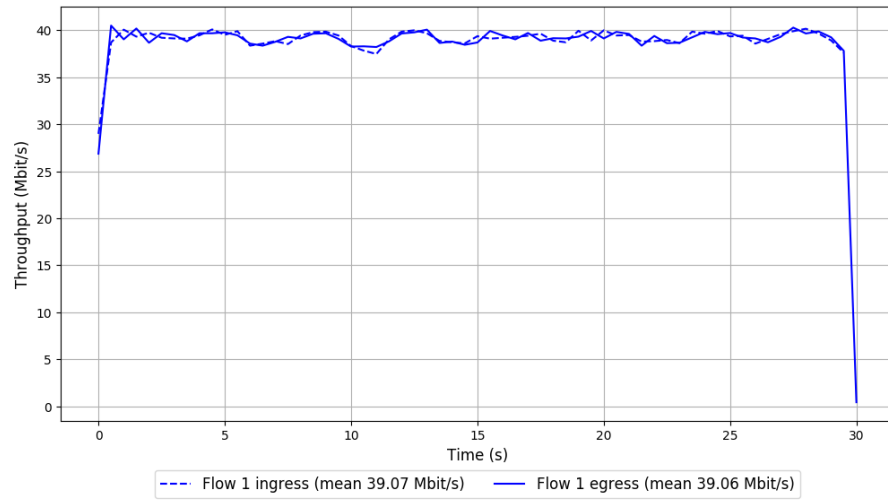


Run 8: Statistics of KohoCC

Start at: 2017-09-17 17:34:46
End at: 2017-09-17 17:35:16
Local clock offset: 3.35 ms
Remote clock offset: -1.293 ms

Below is generated by plot.py at 2017-09-17 19:10:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.06 Mbit/s
95th percentile per-packet one-way delay: 12.962 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 39.06 Mbit/s
95th percentile per-packet one-way delay: 12.962 ms
Loss rate: 0.02%

Run 8: Report of KohoCC — Data Link



Run 9: Statistics of KohoCC

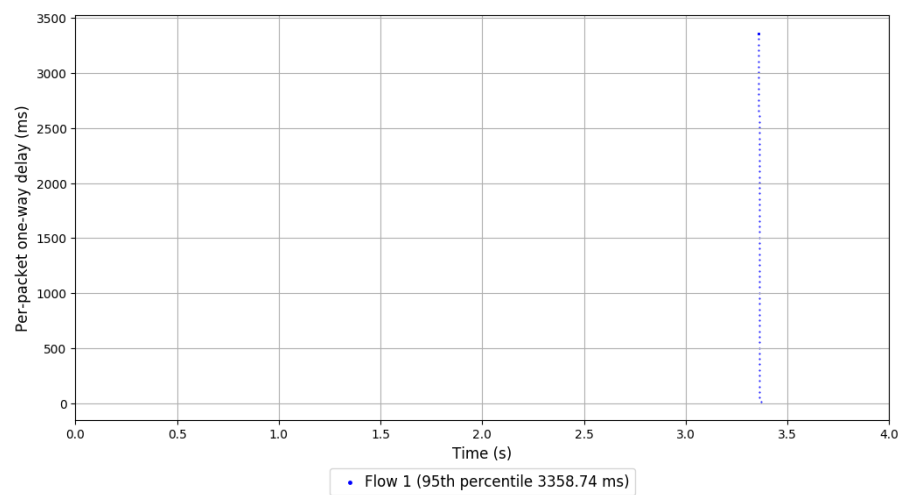
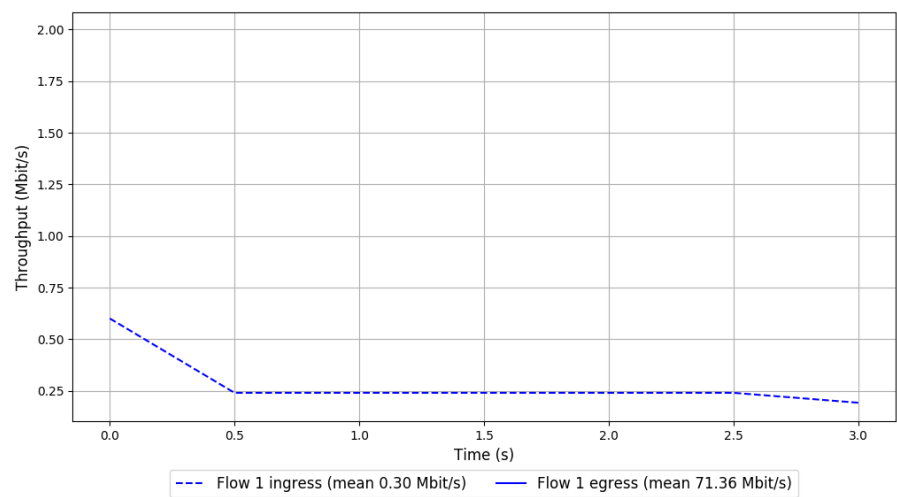
Start at: 2017-09-17 17:56:33

End at: 2017-09-17 17:57:03

Local clock offset: 0.723 ms

Remote clock offset: -1.842 ms

Run 9: Report of KohoCC — Data Link

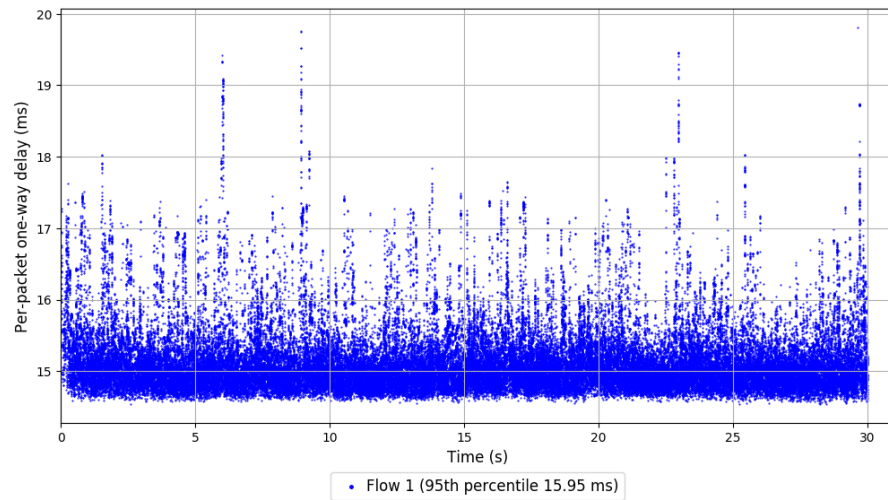
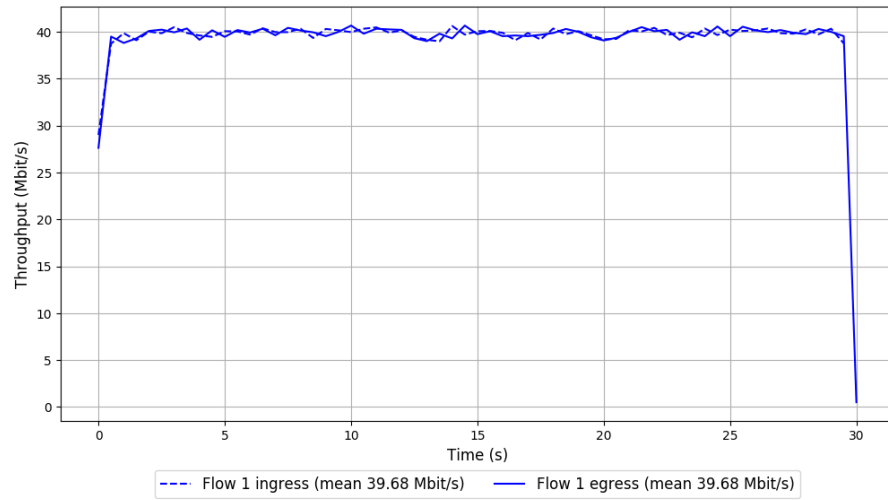


Run 10: Statistics of KohoCC

Start at: 2017-09-17 18:19:02
End at: 2017-09-17 18:19:32
Local clock offset: -2.749 ms
Remote clock offset: -1.178 ms

Below is generated by plot.py at 2017-09-17 19:10:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 15.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.68 Mbit/s
95th percentile per-packet one-way delay: 15.949 ms
Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link



Run 1: Statistics of LEDBAT

Start at: 2017-09-17 13:30:25

End at: 2017-09-17 13:30:55

Local clock offset: 6.773 ms

Remote clock offset: -1.944 ms

Run 1: Report of LEDBAT — Data Link

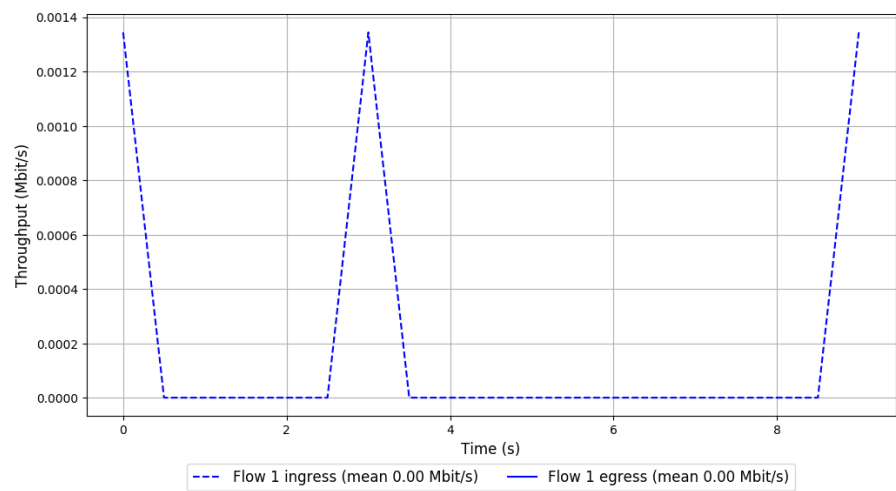


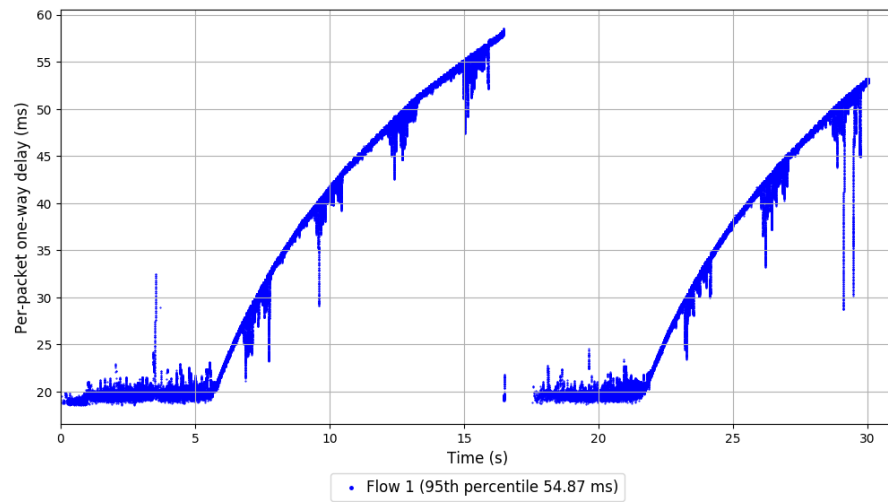
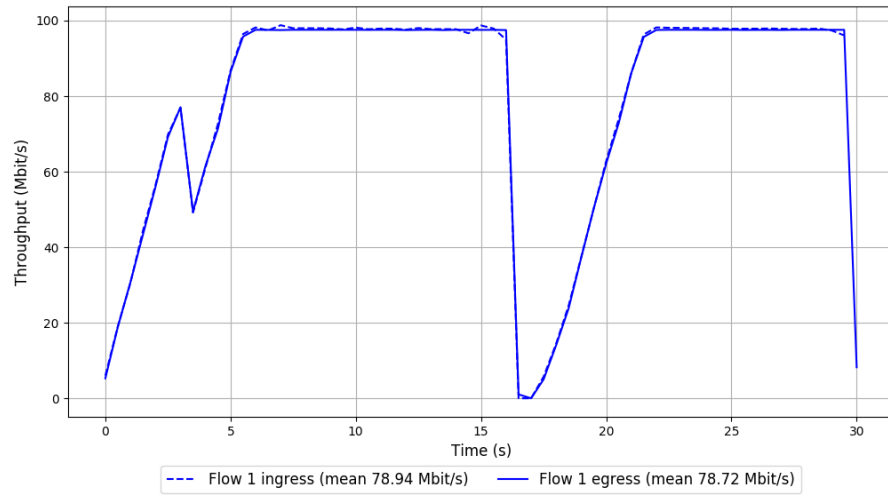
Figure is missing

Run 2: Statistics of LEDBAT

Start at: 2017-09-17 13:54:31
End at: 2017-09-17 13:55:01
Local clock offset: 4.684 ms
Remote clock offset: -0.578 ms

Below is generated by plot.py at 2017-09-17 19:11:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 54.873 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 54.873 ms
Loss rate: 0.16%

Run 2: Report of LEDBAT — Data Link

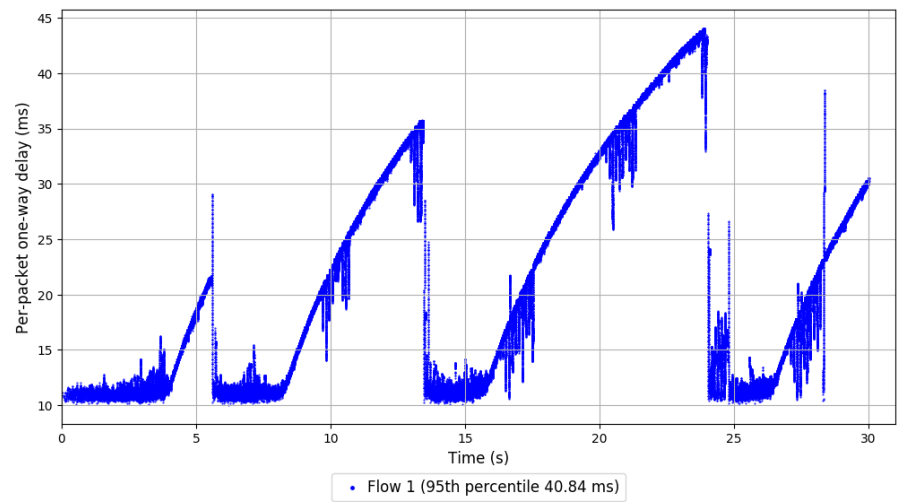
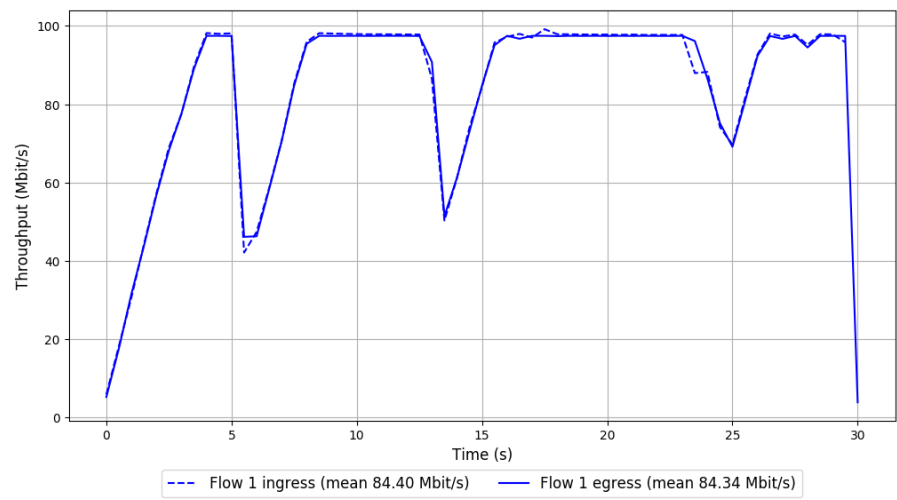


Run 3: Statistics of LEDBAT

Start at: 2017-09-17 14:18:46
End at: 2017-09-17 14:19:16
Local clock offset: 10.509 ms
Remote clock offset: -2.279 ms

Below is generated by plot.py at 2017-09-17 19:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 40.835 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.34 Mbit/s
95th percentile per-packet one-way delay: 40.835 ms
Loss rate: 0.01%

Run 3: Report of LEDBAT — Data Link

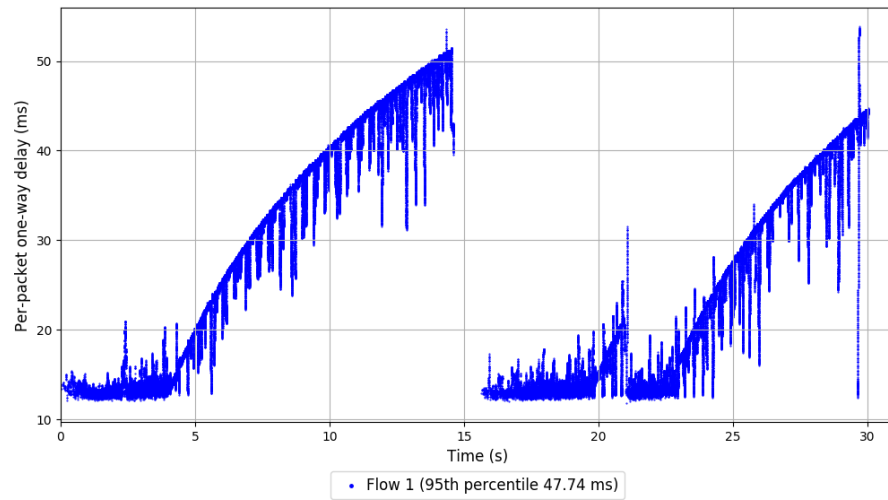
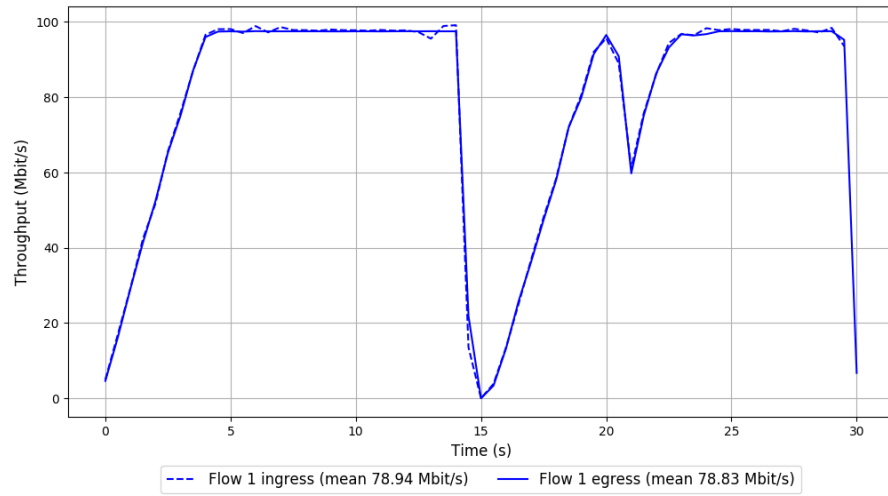


Run 4: Statistics of LEDBAT

Start at: 2017-09-17 14:49:54
End at: 2017-09-17 14:50:25
Local clock offset: 7.97 ms
Remote clock offset: -1.463 ms

Below is generated by plot.py at 2017-09-17 19:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 47.743 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 47.743 ms
Loss rate: 0.04%

Run 4: Report of LEDBAT — Data Link

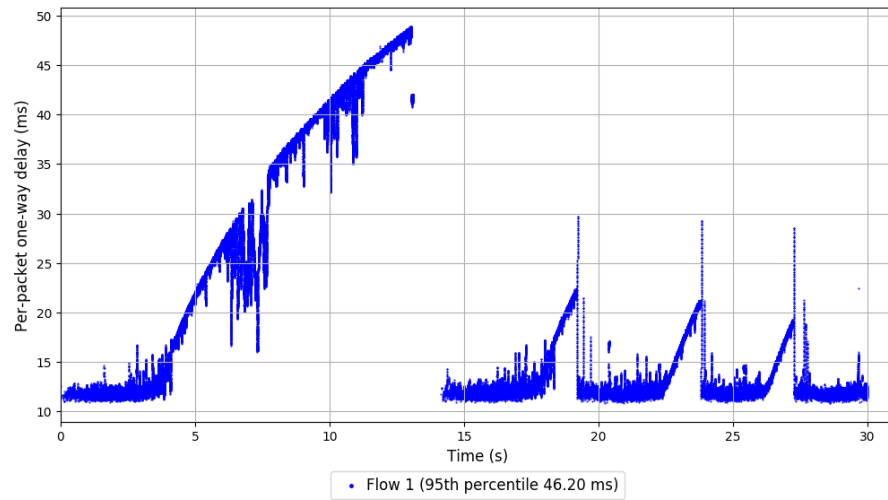
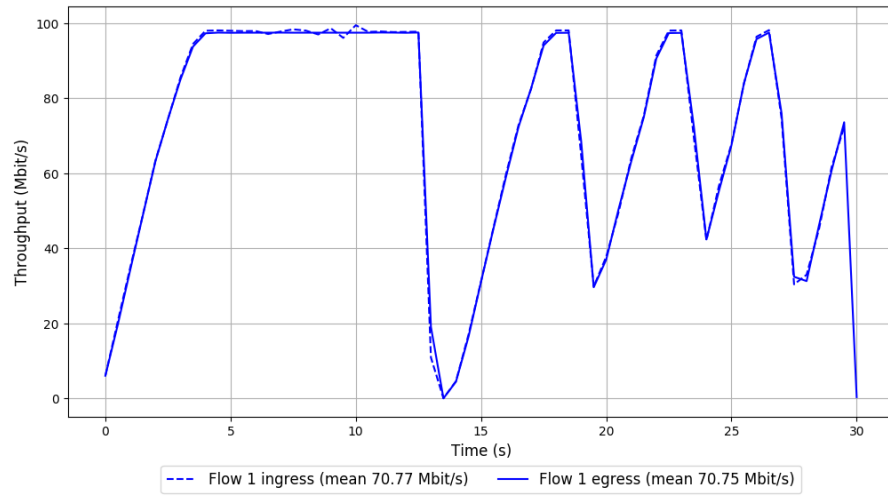


Run 5: Statistics of LEDBAT

Start at: 2017-09-17 15:33:07
End at: 2017-09-17 15:33:37
Local clock offset: 6.042 ms
Remote clock offset: -1.741 ms

Below is generated by plot.py at 2017-09-17 19:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.75 Mbit/s
95th percentile per-packet one-way delay: 46.205 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 70.75 Mbit/s
95th percentile per-packet one-way delay: 46.205 ms
Loss rate: 0.04%

Run 5: Report of LEDBAT — Data Link

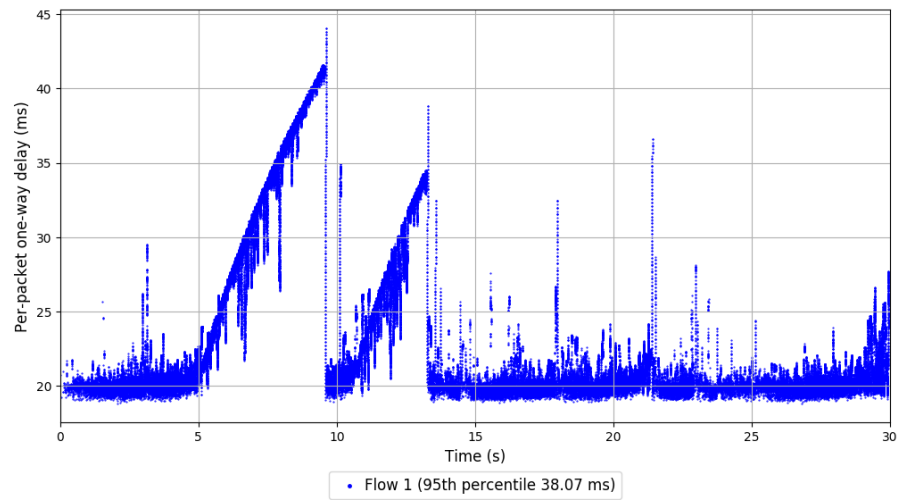
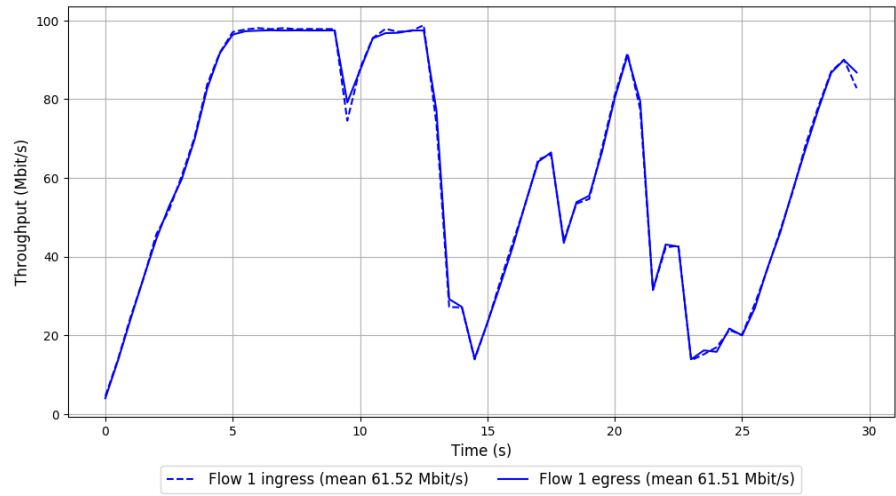


Run 6: Statistics of LEDBAT

Start at: 2017-09-17 16:01:32
End at: 2017-09-17 16:02:02
Local clock offset: 5.004 ms
Remote clock offset: -1.905 ms

Below is generated by plot.py at 2017-09-17 19:11:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 38.071 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 61.51 Mbit/s
95th percentile per-packet one-way delay: 38.071 ms
Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link

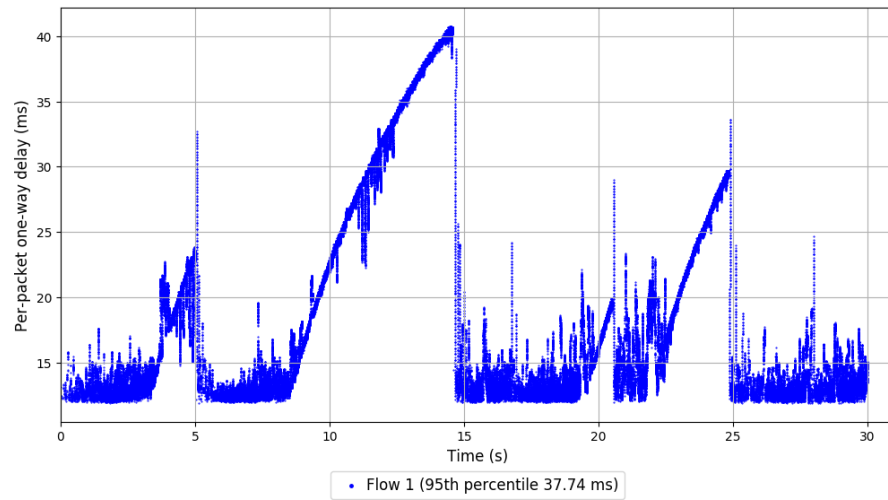
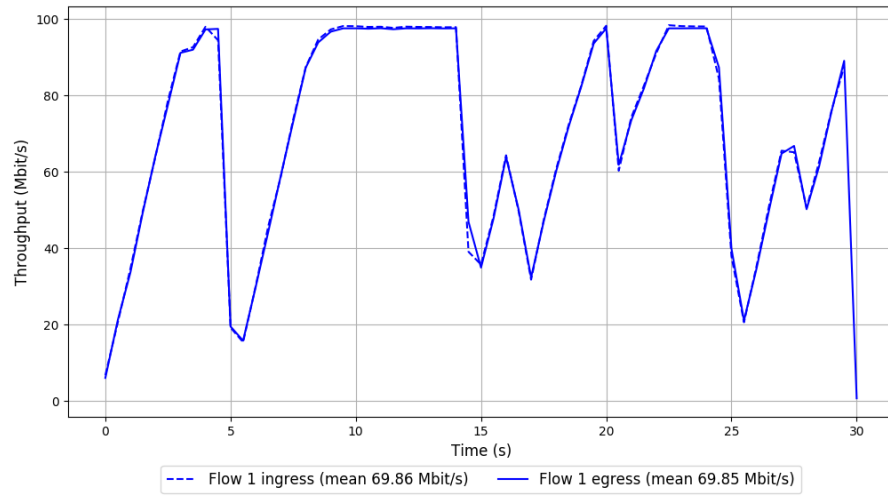


Run 7: Statistics of LEDBAT

Start at: 2017-09-17 17:18:23
End at: 2017-09-17 17:18:53
Local clock offset: 1.614 ms
Remote clock offset: -1.111 ms

Below is generated by plot.py at 2017-09-17 19:11:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.85 Mbit/s
95th percentile per-packet one-way delay: 37.738 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 69.85 Mbit/s
95th percentile per-packet one-way delay: 37.738 ms
Loss rate: 0.02%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2017-09-17 17:42:19

End at: 2017-09-17 17:42:49

Local clock offset: 0.609 ms

Remote clock offset: -1.57 ms

Below is generated by plot.py at 2017-09-17 19:11:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.29 Mbit/s

95th percentile per-packet one-way delay: 44.649 ms

Loss rate: 0.03%

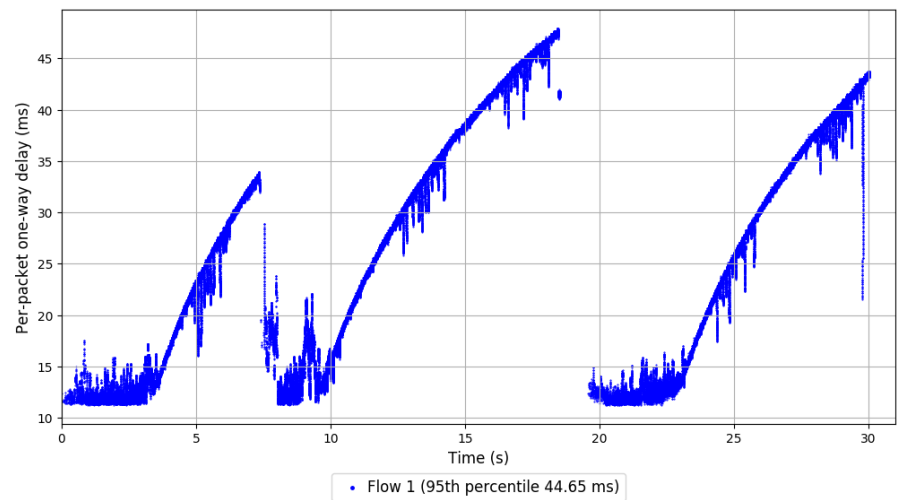
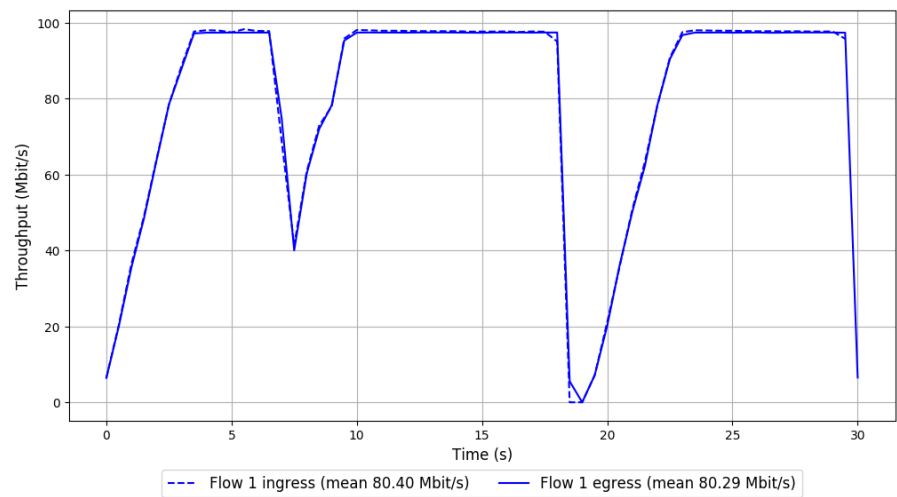
-- Flow 1:

Average throughput: 80.29 Mbit/s

95th percentile per-packet one-way delay: 44.649 ms

Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link

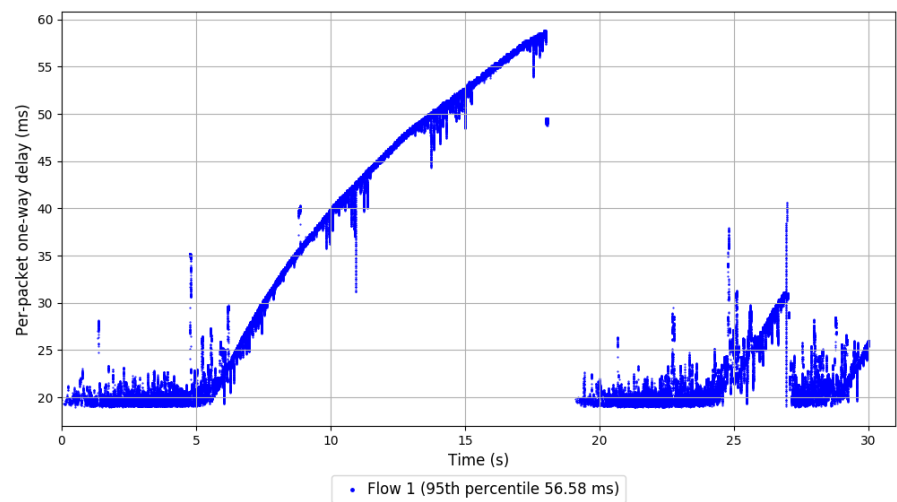
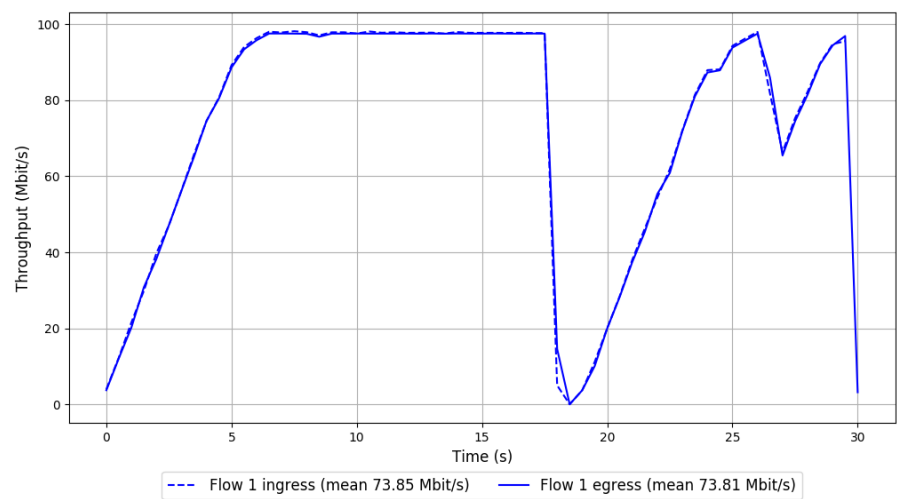


Run 9: Statistics of LEDBAT

Start at: 2017-09-17 18:04:44
End at: 2017-09-17 18:05:14
Local clock offset: -0.316 ms
Remote clock offset: -1.506 ms

Below is generated by plot.py at 2017-09-17 19:11:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.81 Mbit/s
95th percentile per-packet one-way delay: 56.577 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 73.81 Mbit/s
95th percentile per-packet one-way delay: 56.577 ms
Loss rate: 0.04%

Run 9: Report of LEDBAT — Data Link

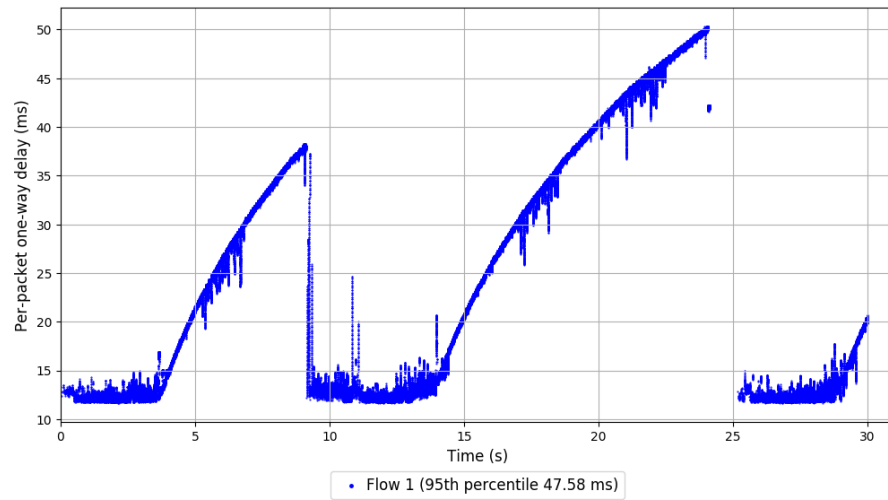
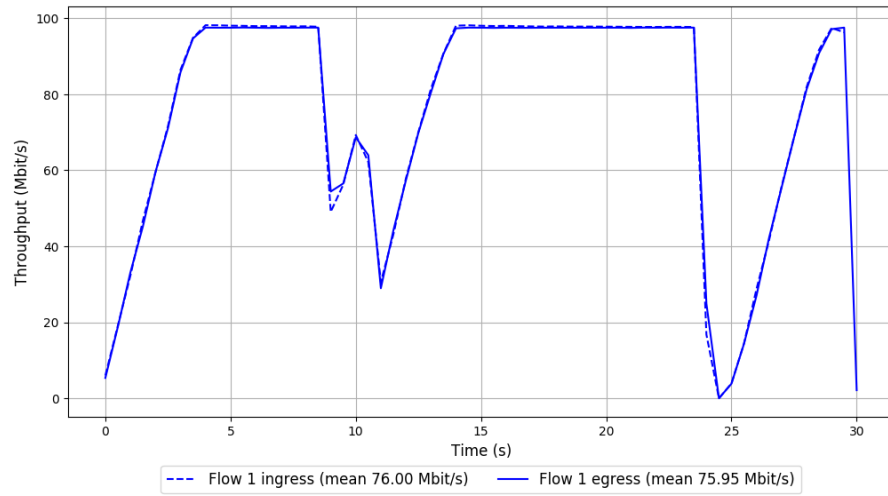


Run 10: Statistics of LEDBAT

Start at: 2017-09-17 18:26:58
End at: 2017-09-17 18:27:28
Local clock offset: 0.313 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2017-09-17 19:12:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 47.581 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 75.95 Mbit/s
95th percentile per-packet one-way delay: 47.581 ms
Loss rate: 0.04%

Run 10: Report of LEDBAT — Data Link

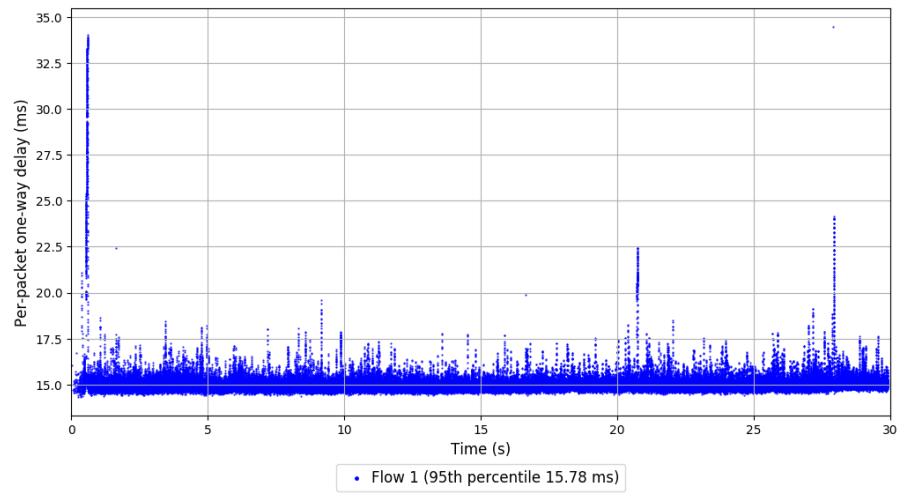
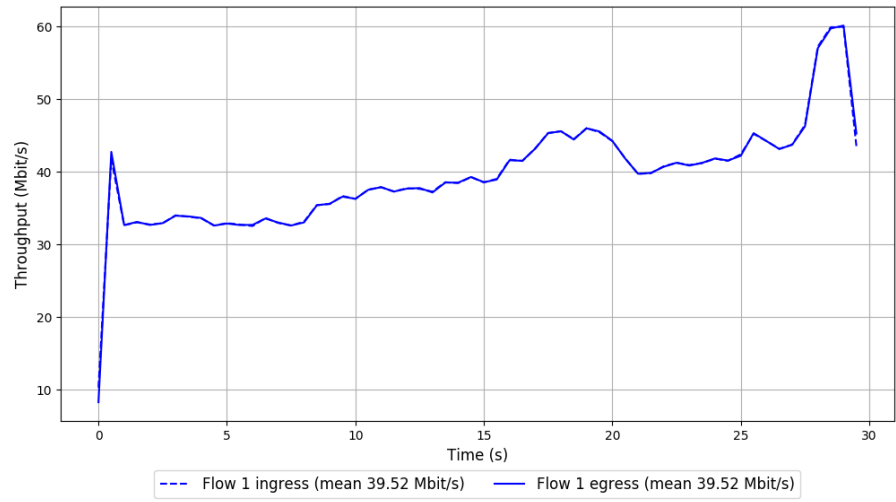


```
Run 1: Statistics of PCC

Start at: 2017-09-17 13:13:41
End at: 2017-09-17 13:14:11
Local clock offset: 6.219 ms
Remote clock offset: -2.116 ms

# Below is generated by plot.py at 2017-09-17 19:12:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.52 Mbit/s
95th percentile per-packet one-way delay: 15.776 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.52 Mbit/s
95th percentile per-packet one-way delay: 15.776 ms
Loss rate: 0.00%
```

Run 1: Report of PCC — Data Link

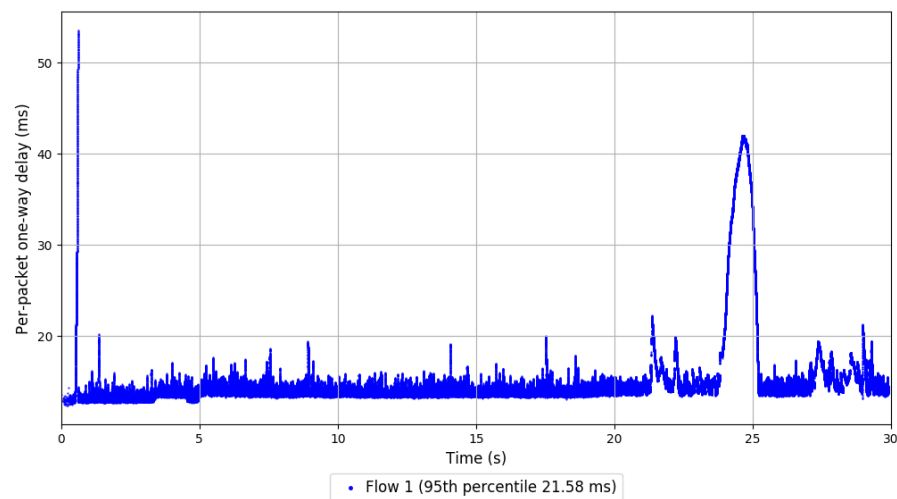
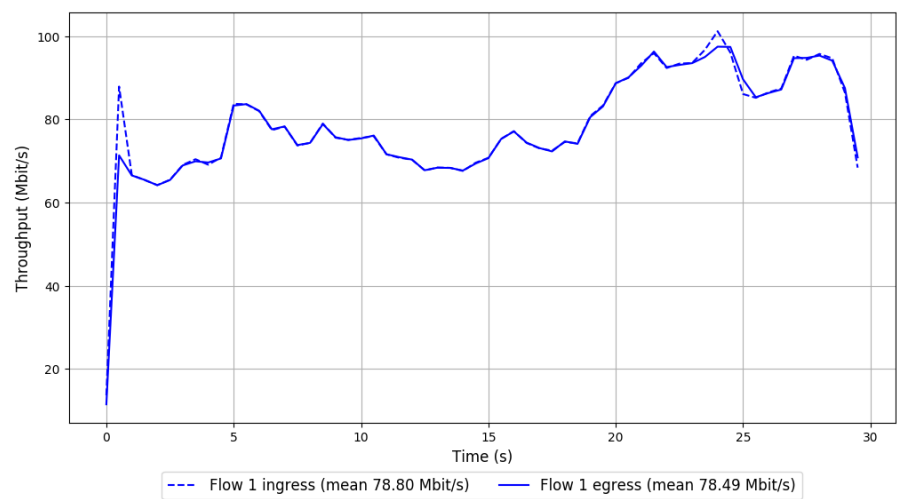


Run 2: Statistics of PCC

Start at: 2017-09-17 13:38:18
End at: 2017-09-17 13:38:49
Local clock offset: 5.977 ms
Remote clock offset: -2.754 ms

Below is generated by plot.py at 2017-09-17 19:12:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.49 Mbit/s
95th percentile per-packet one-way delay: 21.580 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 78.49 Mbit/s
95th percentile per-packet one-way delay: 21.580 ms
Loss rate: 0.39%

Run 2: Report of PCC — Data Link

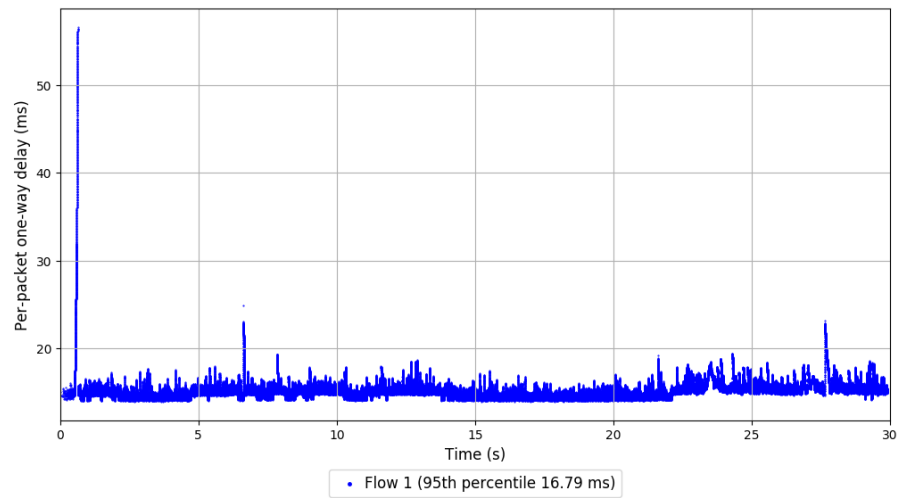
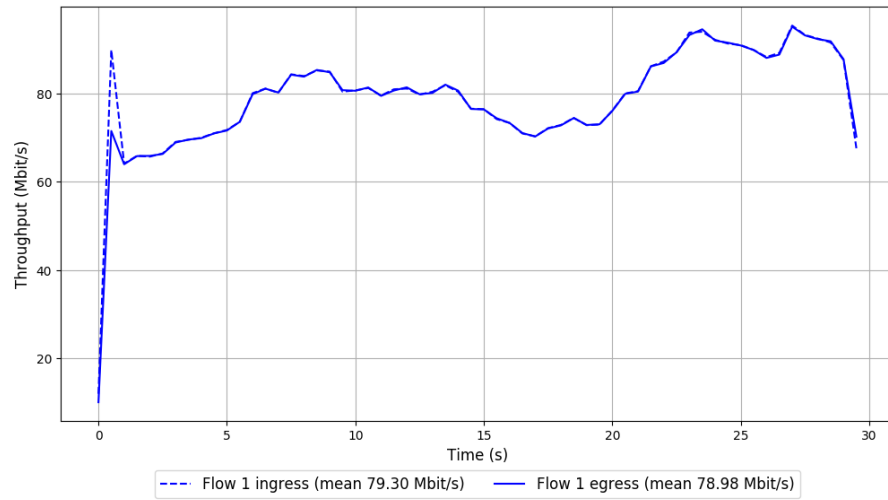


Run 3: Statistics of PCC

Start at: 2017-09-17 14:02:09
End at: 2017-09-17 14:02:39
Local clock offset: 8.653 ms
Remote clock offset: -1.435 ms

Below is generated by plot.py at 2017-09-17 19:12:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.98 Mbit/s
95th percentile per-packet one-way delay: 16.788 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 78.98 Mbit/s
95th percentile per-packet one-way delay: 16.788 ms
Loss rate: 0.41%

Run 3: Report of PCC — Data Link

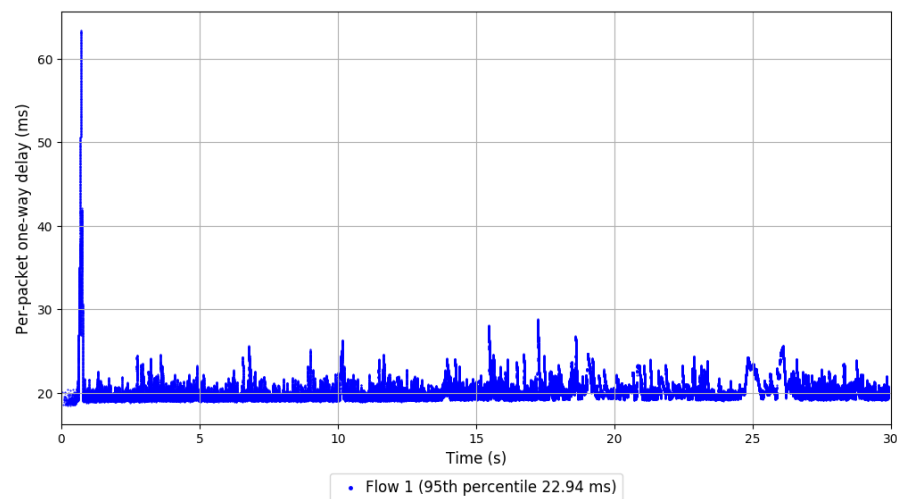
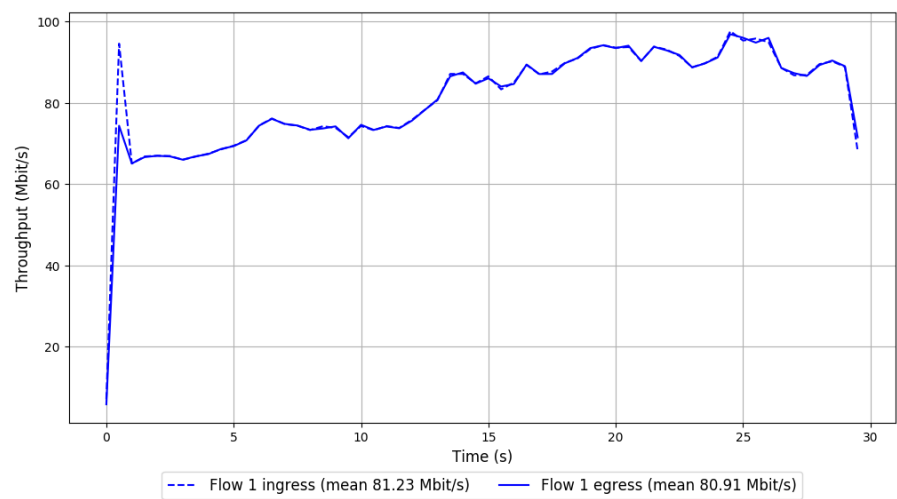


Run 4: Statistics of PCC

Start at: 2017-09-17 14:26:04
End at: 2017-09-17 14:26:34
Local clock offset: 9.023 ms
Remote clock offset: -1.204 ms

Below is generated by plot.py at 2017-09-17 19:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.91 Mbit/s
95th percentile per-packet one-way delay: 22.940 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 80.91 Mbit/s
95th percentile per-packet one-way delay: 22.940 ms
Loss rate: 0.39%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-09-17 15:09:51

End at: 2017-09-17 15:10:21

Local clock offset: 4.326 ms

Remote clock offset: -1.51 ms

Below is generated by plot.py at 2017-09-17 19:12:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.47 Mbit/s

95th percentile per-packet one-way delay: 16.215 ms

Loss rate: 0.00%

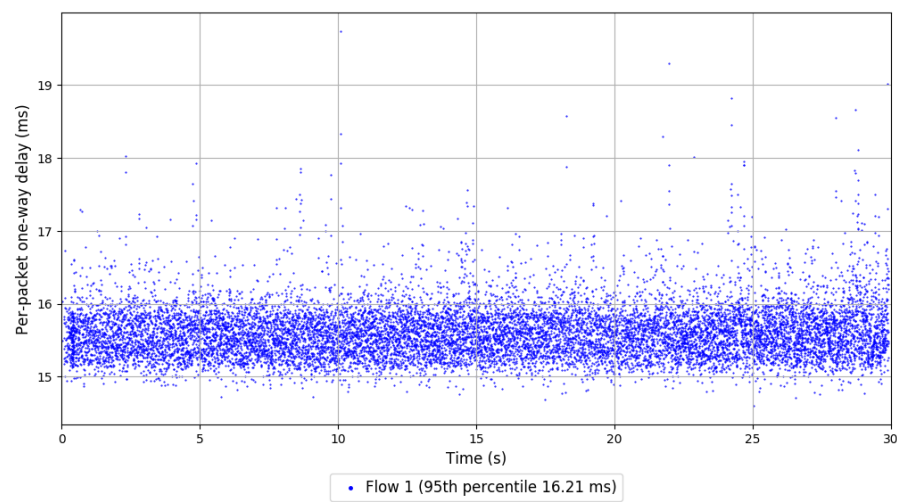
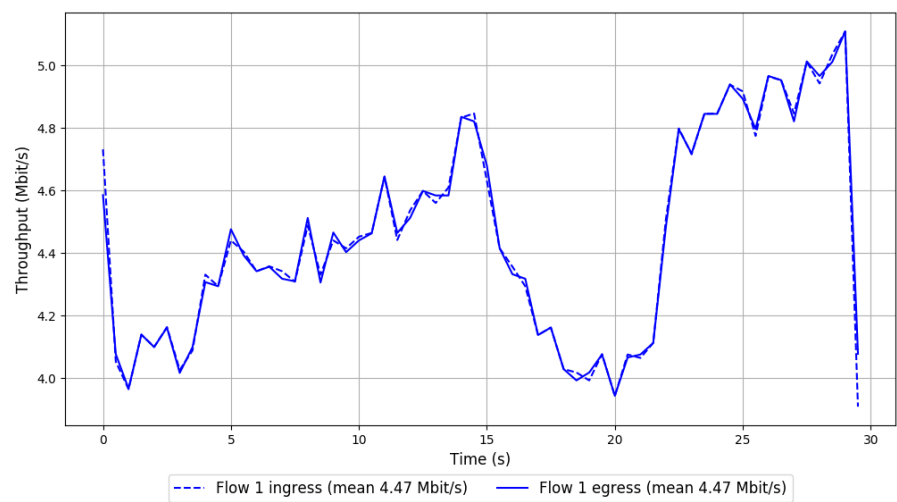
-- Flow 1:

Average throughput: 4.47 Mbit/s

95th percentile per-packet one-way delay: 16.215 ms

Loss rate: 0.00%

Run 5: Report of PCC — Data Link

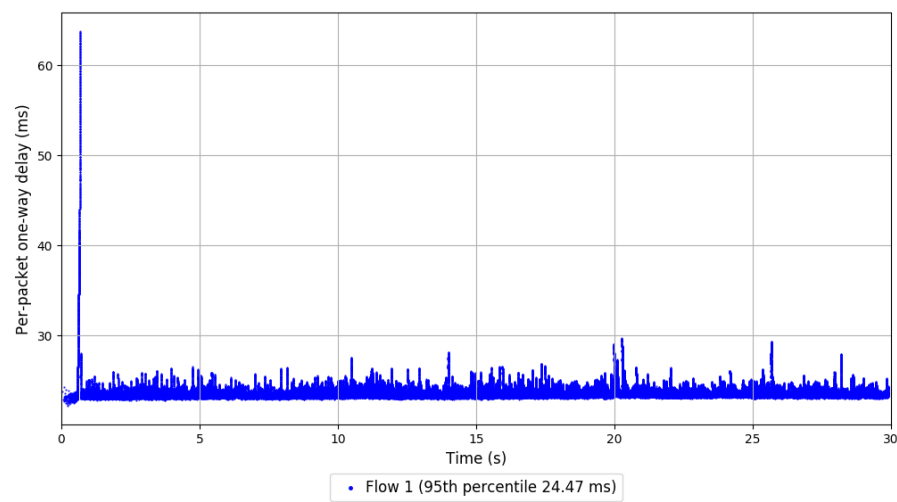
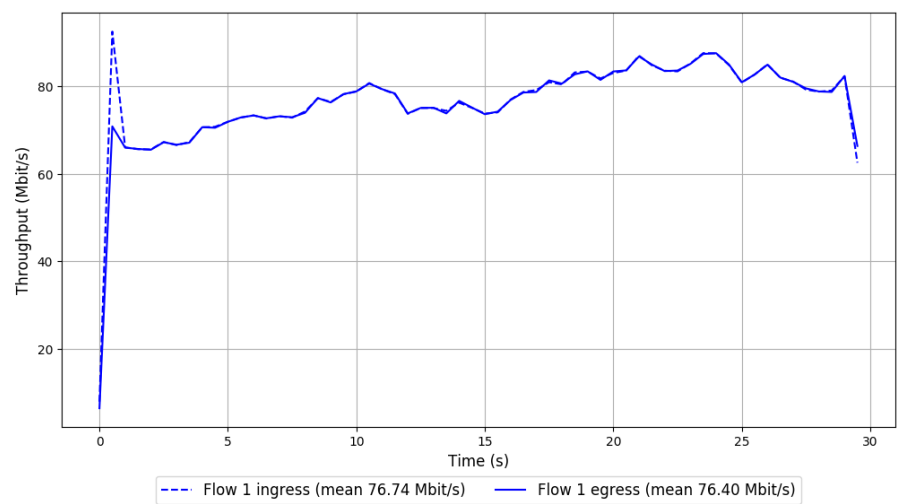


Run 6: Statistics of PCC

Start at: 2017-09-17 15:42:33
End at: 2017-09-17 15:43:03
Local clock offset: 2.282 ms
Remote clock offset: -1.972 ms

Below is generated by plot.py at 2017-09-17 19:12:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.40 Mbit/s
95th percentile per-packet one-way delay: 24.471 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 76.40 Mbit/s
95th percentile per-packet one-way delay: 24.471 ms
Loss rate: 0.44%

Run 6: Report of PCC — Data Link

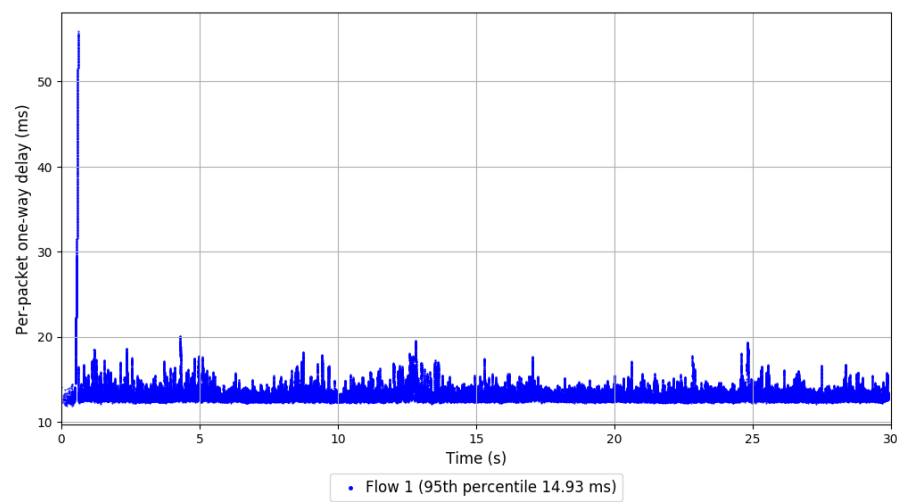
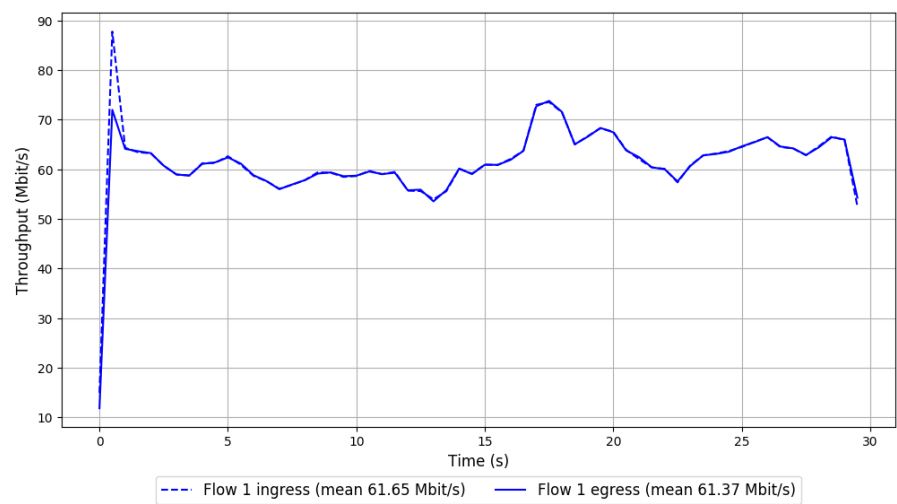


Run 7: Statistics of PCC

Start at: 2017-09-17 16:12:21
End at: 2017-09-17 16:12:51
Local clock offset: 3.599 ms
Remote clock offset: -1.702 ms

Below is generated by plot.py at 2017-09-17 19:12:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 14.927 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 14.927 ms
Loss rate: 0.47%

Run 7: Report of PCC — Data Link

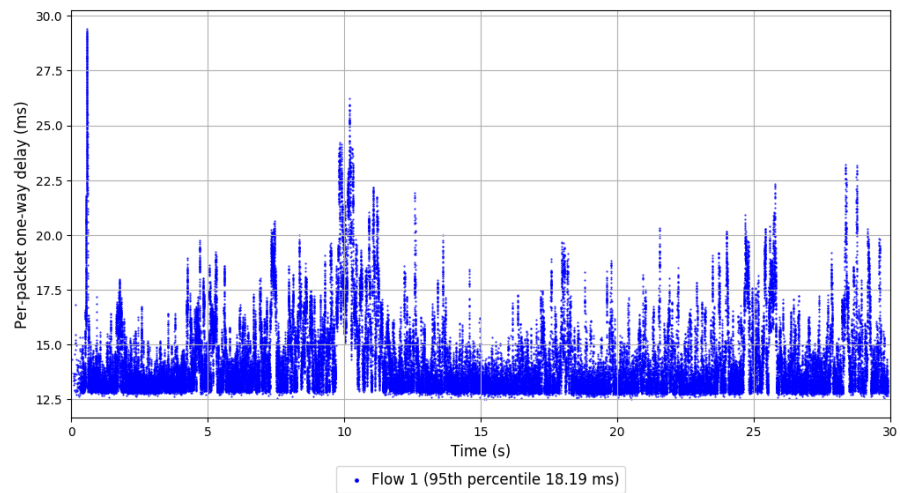
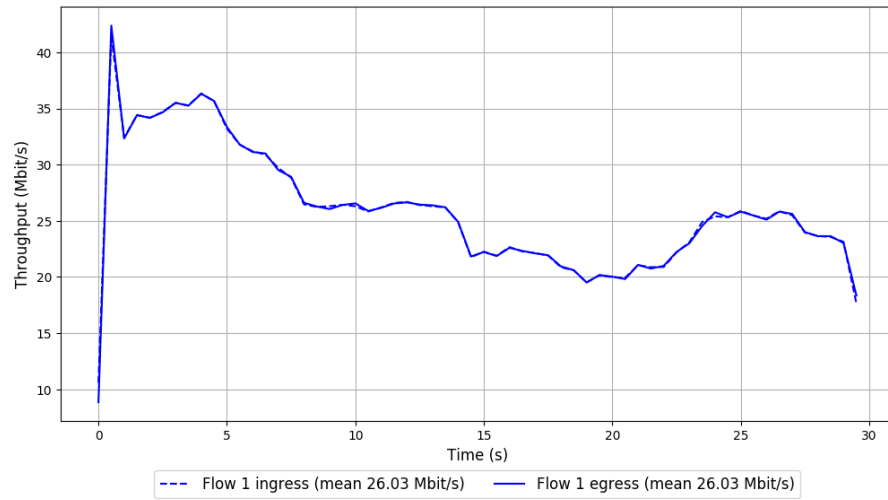


Run 8: Statistics of PCC

Start at: 2017-09-17 17:26:25
End at: 2017-09-17 17:26:55
Local clock offset: 1.247 ms
Remote clock offset: -2.177 ms

Below is generated by plot.py at 2017-09-17 19:12:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.03 Mbit/s
95th percentile per-packet one-way delay: 18.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 26.03 Mbit/s
95th percentile per-packet one-way delay: 18.188 ms
Loss rate: 0.00%

Run 8: Report of PCC — Data Link

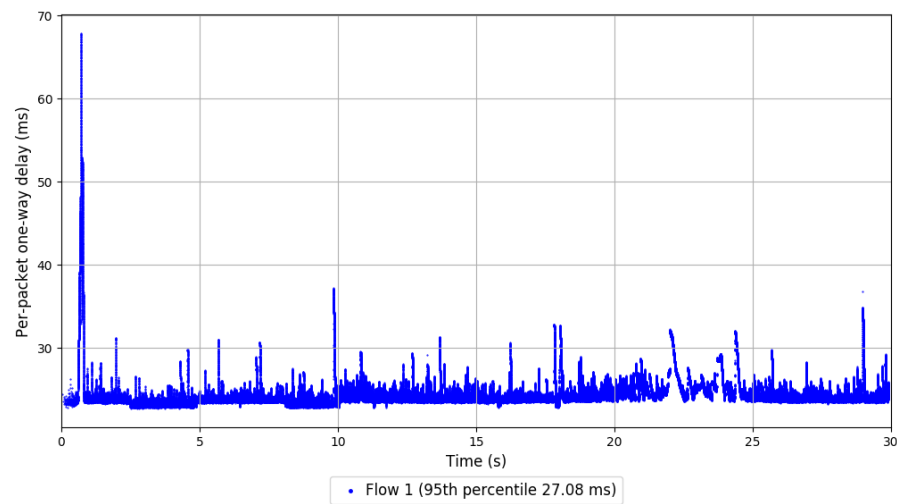
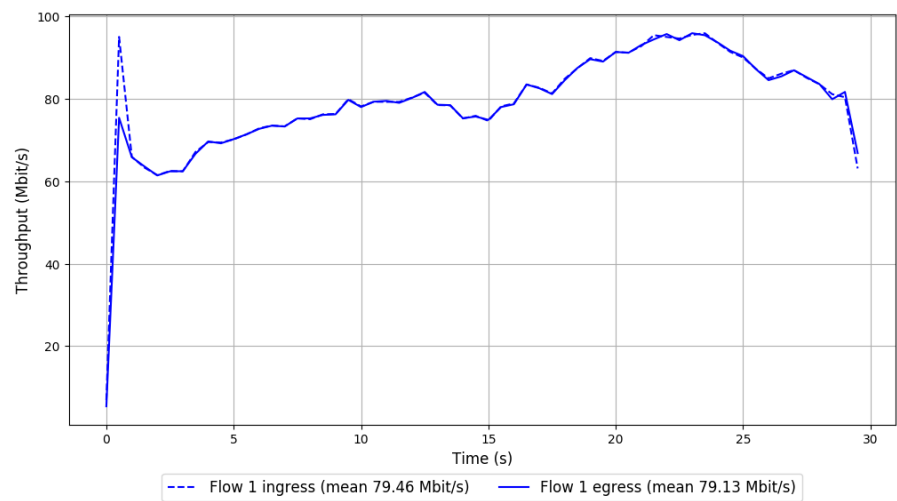


Run 9: Statistics of PCC

Start at: 2017-09-17 17:49:19
End at: 2017-09-17 17:49:49
Local clock offset: -2.479 ms
Remote clock offset: -1.069 ms

Below is generated by plot.py at 2017-09-17 19:13:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 27.083 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 27.083 ms
Loss rate: 0.42%

Run 9: Report of PCC — Data Link

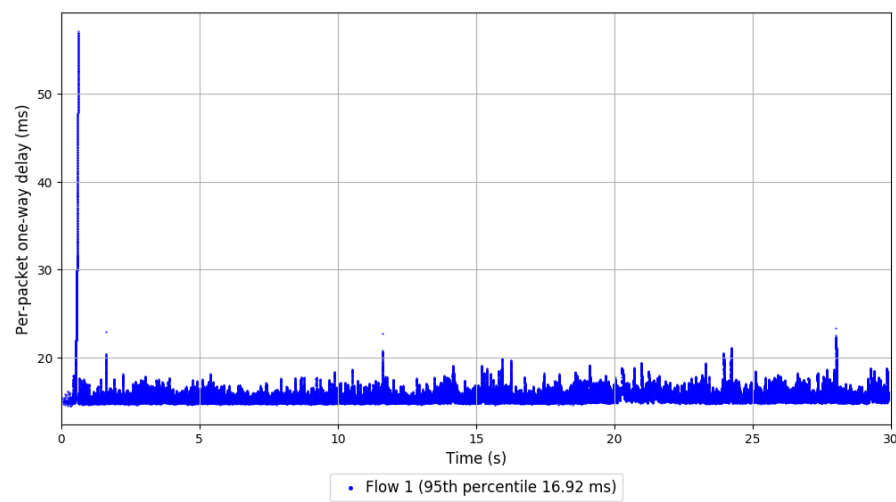
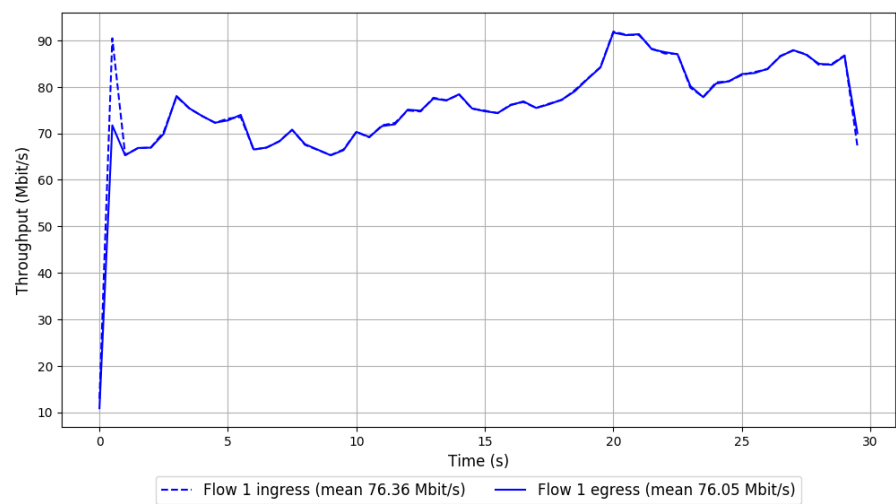


Run 10: Statistics of PCC

Start at: 2017-09-17 18:12:03
End at: 2017-09-17 18:12:33
Local clock offset: -3.374 ms
Remote clock offset: -0.248 ms

Below is generated by plot.py at 2017-09-17 19:13:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.05 Mbit/s
95th percentile per-packet one-way delay: 16.919 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 76.05 Mbit/s
95th percentile per-packet one-way delay: 16.919 ms
Loss rate: 0.41%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

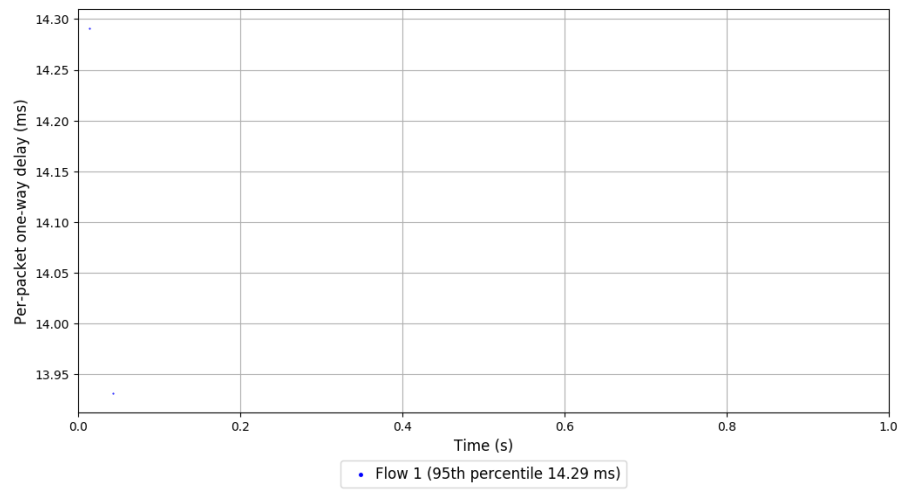
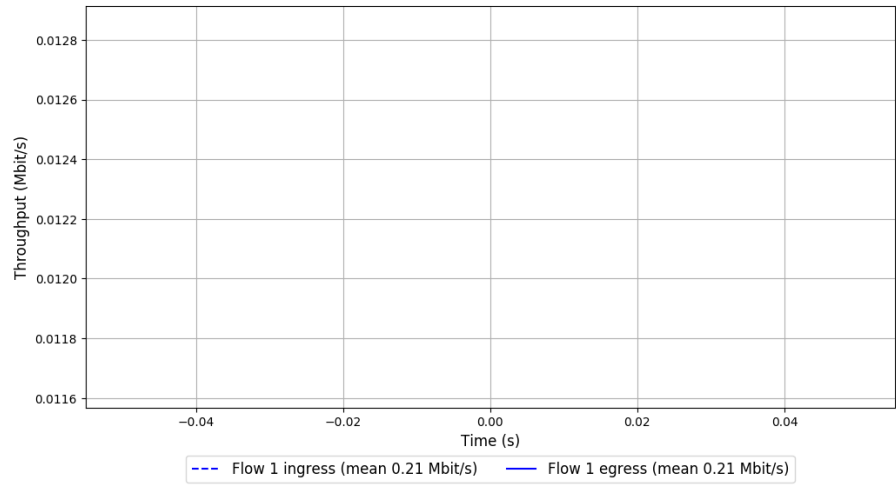
Start at: 2017-09-17 13:22:41

End at: 2017-09-17 13:23:11

Local clock offset: 5.024 ms

Remote clock offset: -2.197 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

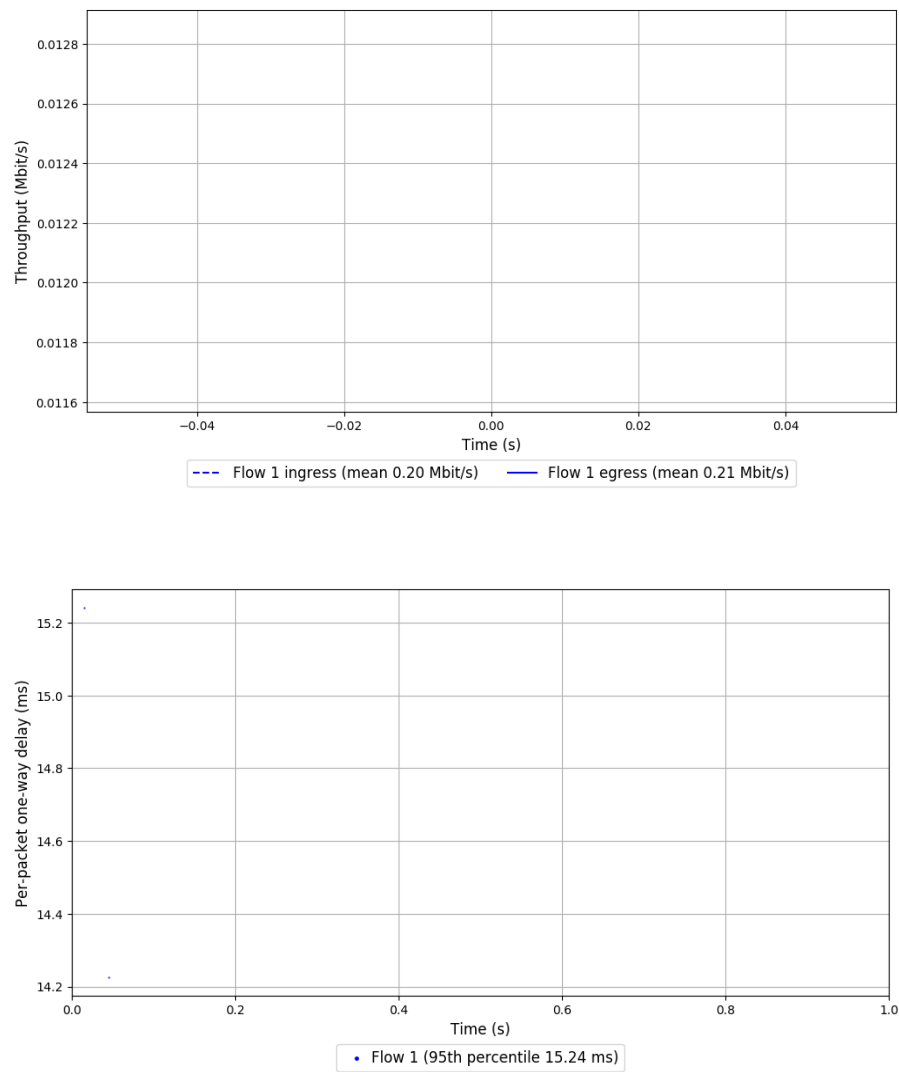
Start at: 2017-09-17 13:48:14

End at: 2017-09-17 13:48:44

Local clock offset: 6.825 ms

Remote clock offset: -2.517 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-09-17 14:11:34

End at: 2017-09-17 14:12:04

Local clock offset: 8.36 ms

Remote clock offset: -2.104 ms

Below is generated by plot.py at 2017-09-17 19:13:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 64.777 ms

Loss rate: 0.96%

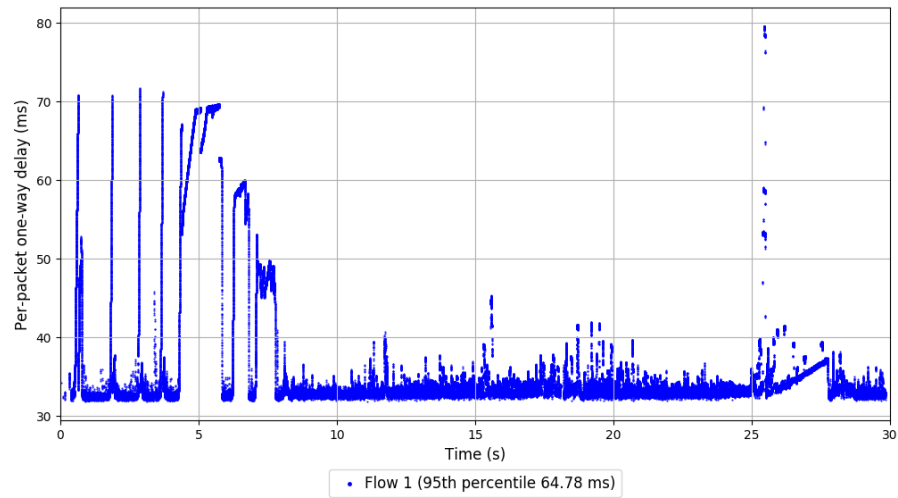
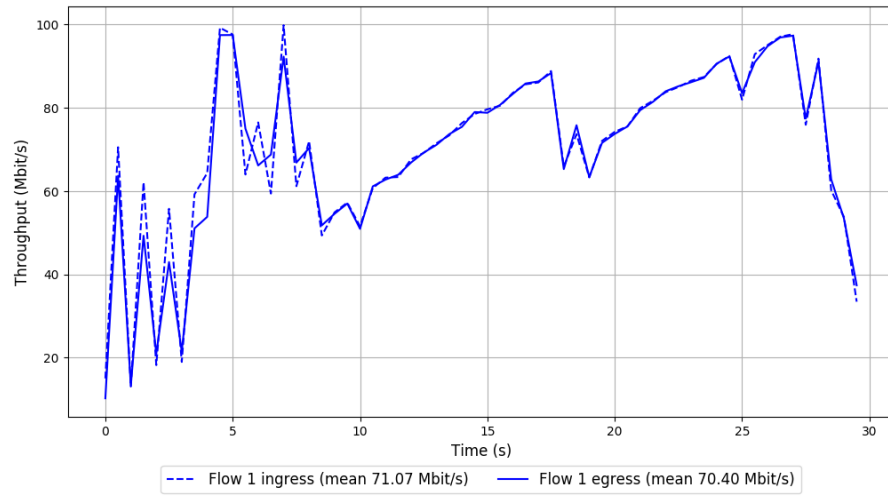
-- Flow 1:

Average throughput: 70.40 Mbit/s

95th percentile per-packet one-way delay: 64.777 ms

Loss rate: 0.96%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-09-17 14:36:16

End at: 2017-09-17 14:36:46

Local clock offset: 8.612 ms

Remote clock offset: -0.989 ms

Below is generated by plot.py at 2017-09-17 19:13:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 42.356 ms

Loss rate: 0.56%

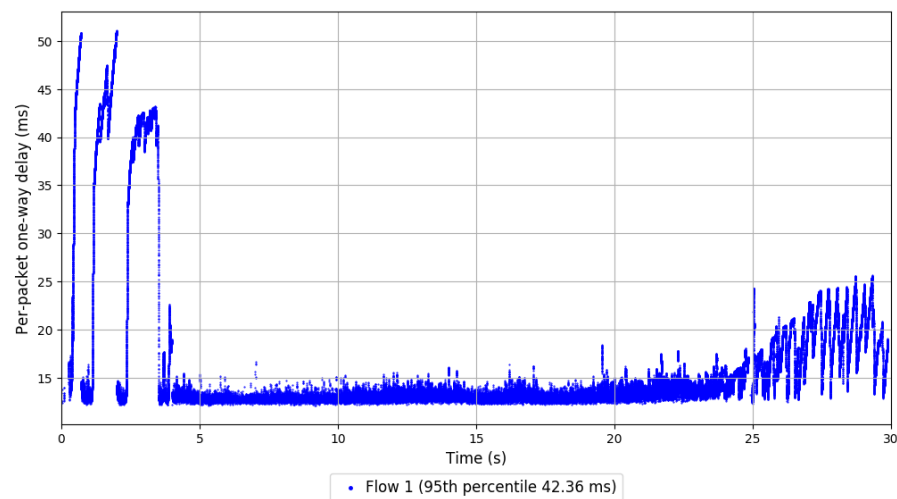
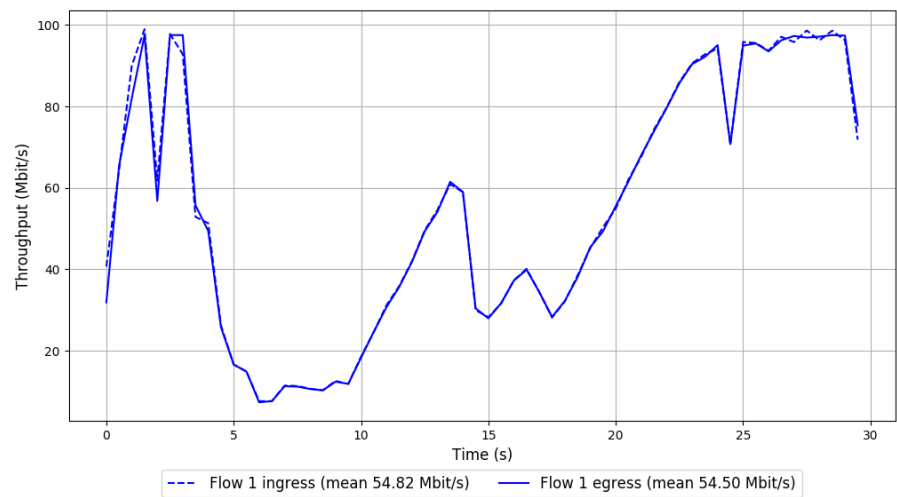
-- Flow 1:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 42.356 ms

Loss rate: 0.56%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-17 15:24:36

End at: 2017-09-17 15:25:06

Local clock offset: 2.709 ms

Remote clock offset: -1.246 ms

Below is generated by plot.py at 2017-09-17 19:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 50.707 ms

Loss rate: 0.33%

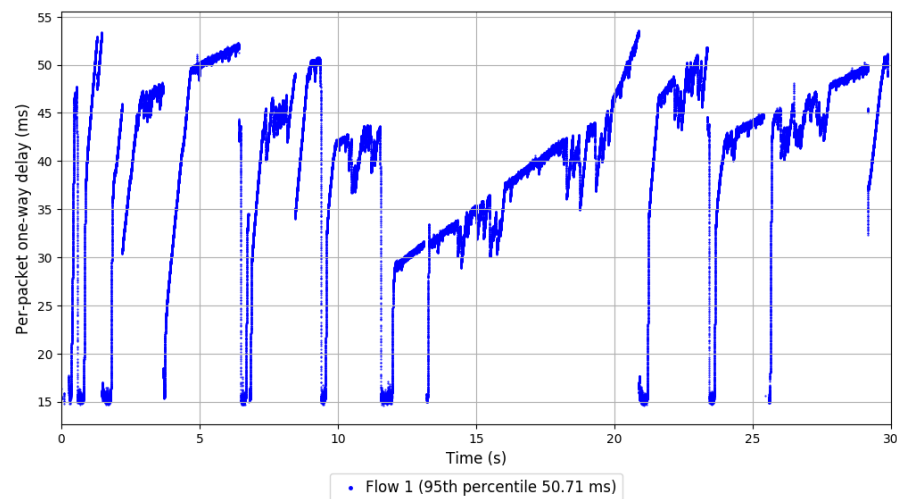
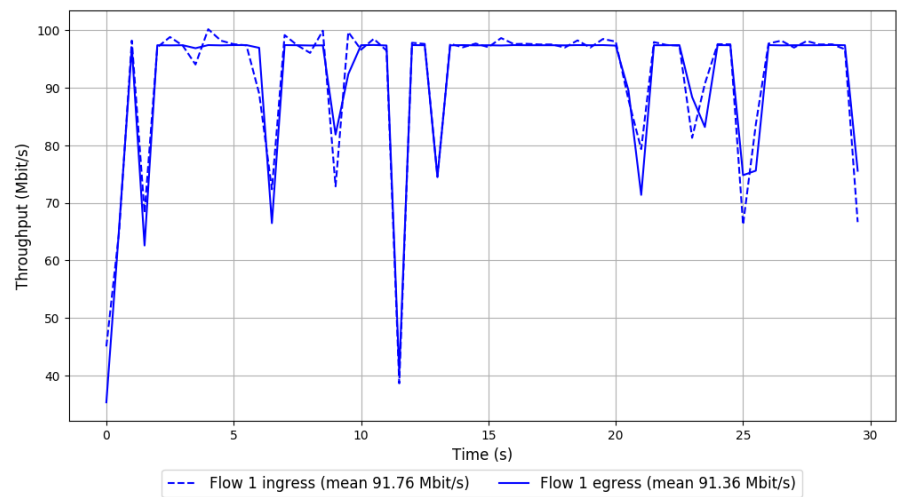
-- Flow 1:

Average throughput: 91.36 Mbit/s

95th percentile per-packet one-way delay: 50.707 ms

Loss rate: 0.33%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2017-09-17 15:53:13

End at: 2017-09-17 15:53:43

Local clock offset: 5.002 ms

Remote clock offset: -1.731 ms

Below is generated by plot.py at 2017-09-17 19:14:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.32 Mbit/s

95th percentile per-packet one-way delay: 48.673 ms

Loss rate: 0.83%

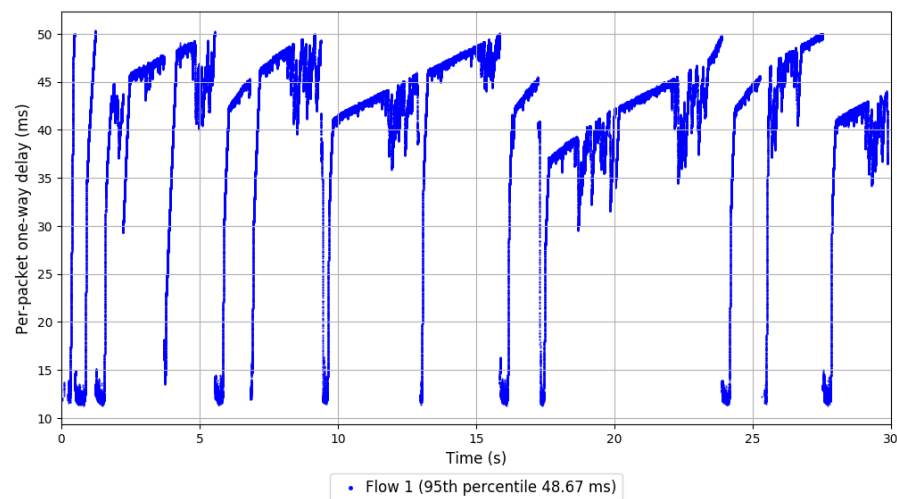
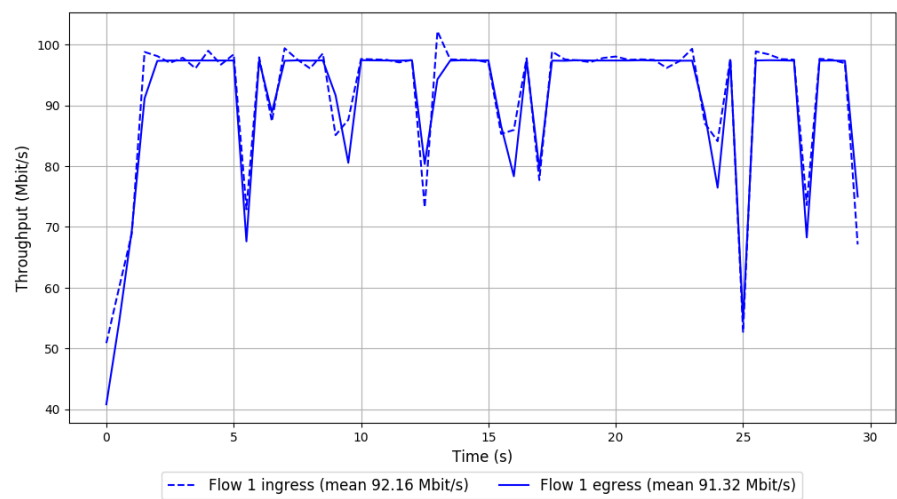
-- Flow 1:

Average throughput: 91.32 Mbit/s

95th percentile per-packet one-way delay: 48.673 ms

Loss rate: 0.83%

Run 6: Report of QUIC Cubic — Data Link

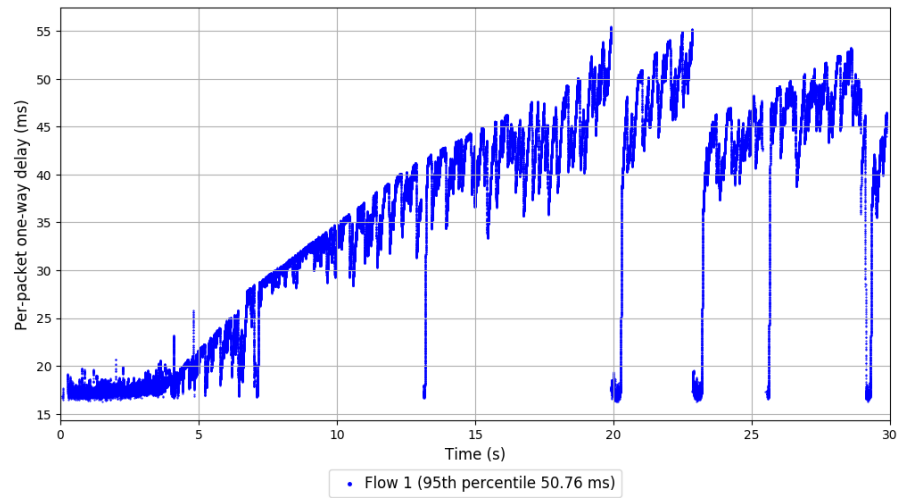
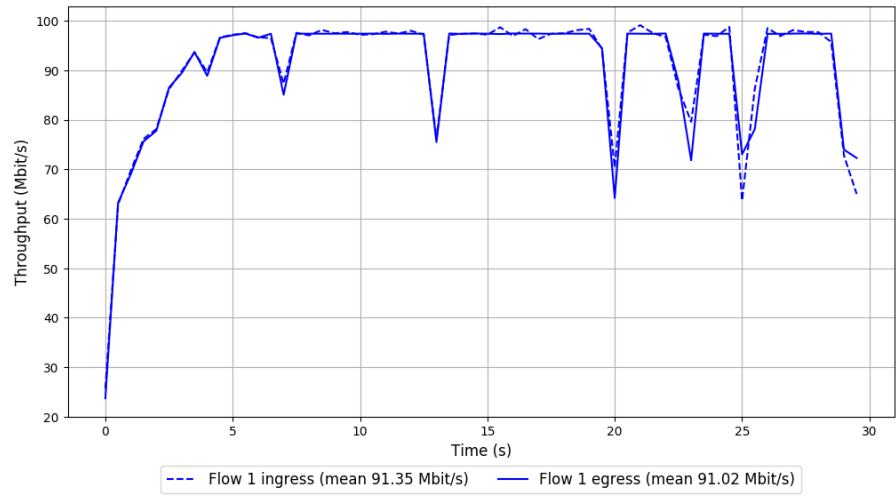


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-17 16:38:37
End at: 2017-09-17 16:39:07
Local clock offset: 0.431 ms
Remote clock offset: -1.221 ms

Below is generated by plot.py at 2017-09-17 19:14:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 50.756 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 50.756 ms
Loss rate: 0.27%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-17 17:36:28

End at: 2017-09-17 17:36:58

Local clock offset: 0.812 ms

Remote clock offset: -1.25 ms

Below is generated by plot.py at 2017-09-17 19:14:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 51.130 ms

Loss rate: 0.36%

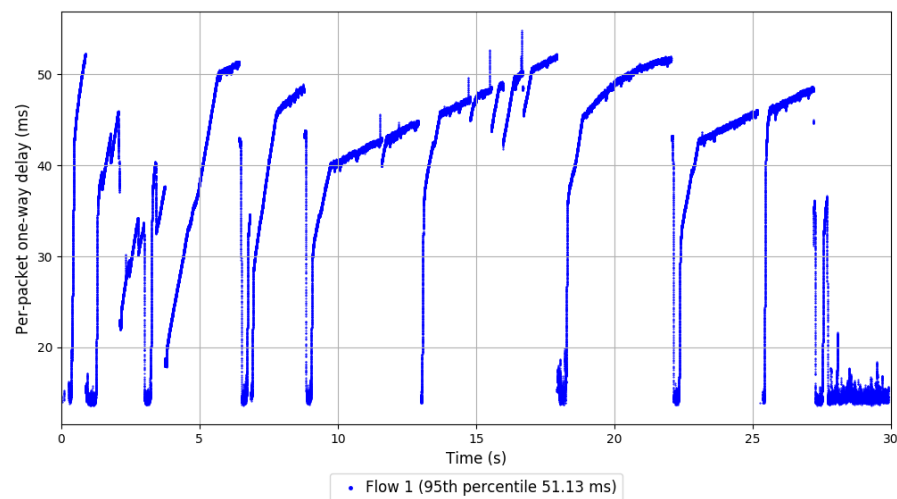
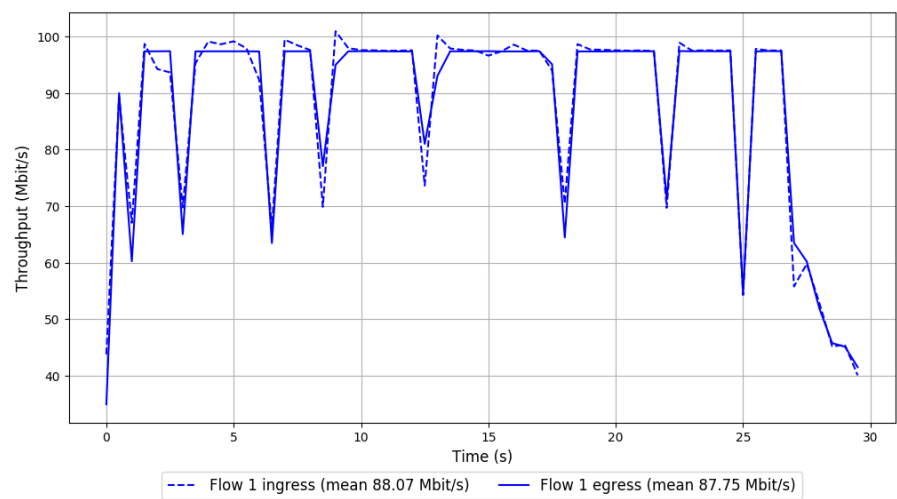
-- Flow 1:

Average throughput: 87.75 Mbit/s

95th percentile per-packet one-way delay: 51.130 ms

Loss rate: 0.36%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-17 17:57:39

End at: 2017-09-17 17:58:09

Local clock offset: -2.5 ms

Remote clock offset: -0.709 ms

Below is generated by plot.py at 2017-09-17 19:14:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 51.793 ms

Loss rate: 0.81%

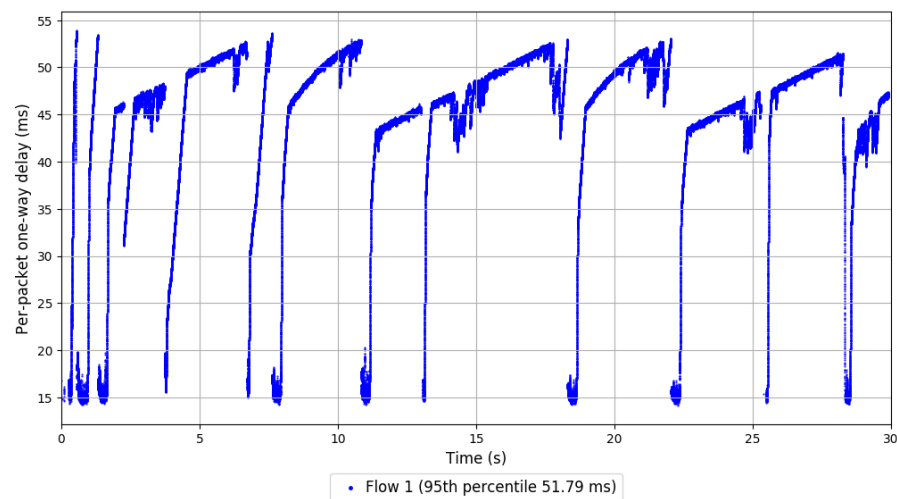
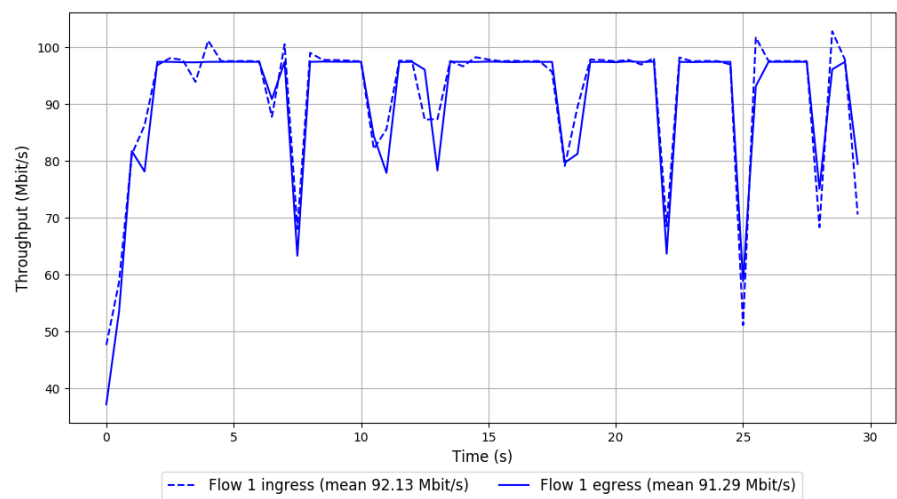
-- Flow 1:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 51.793 ms

Loss rate: 0.81%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-17 18:20:28

End at: 2017-09-17 18:20:58

Local clock offset: 0.634 ms

Remote clock offset: -0.398 ms

Below is generated by plot.py at 2017-09-17 19:14:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 48.668 ms

Loss rate: 0.39%

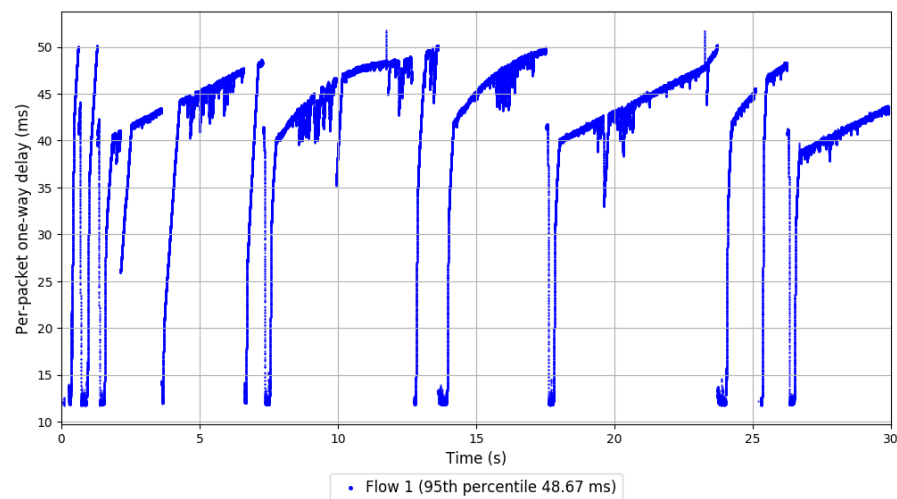
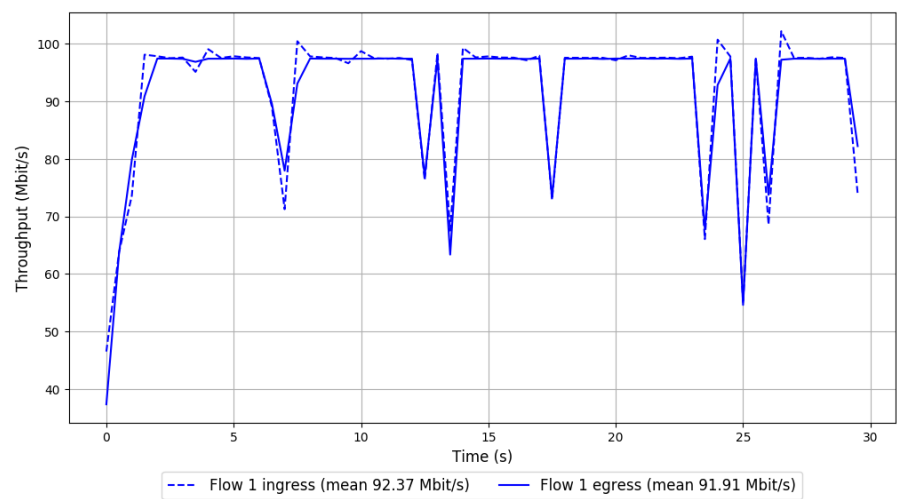
-- Flow 1:

Average throughput: 91.91 Mbit/s

95th percentile per-packet one-way delay: 48.668 ms

Loss rate: 0.39%

Run 10: Report of QUIC Cubic — Data Link

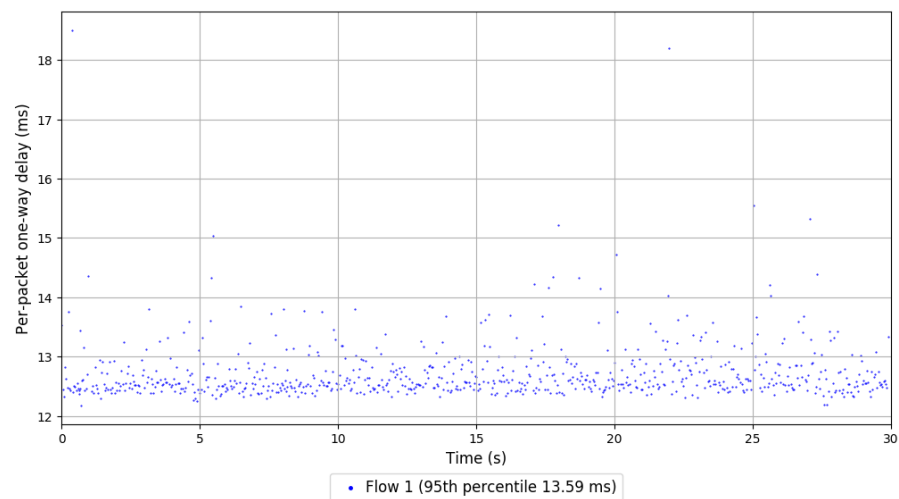
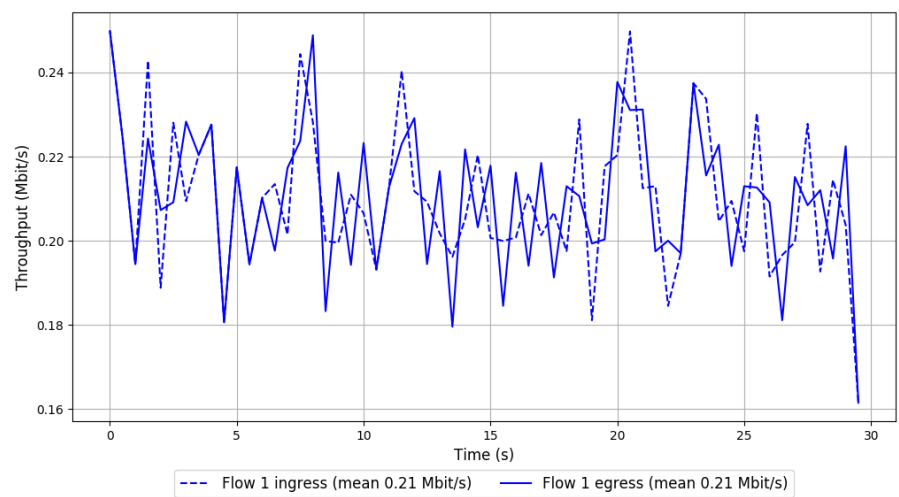


Run 1: Statistics of SCReAM

Start at: 2017-09-17 13:12:35
End at: 2017-09-17 13:13:05
Local clock offset: 5.935 ms
Remote clock offset: -2.761 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.591 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

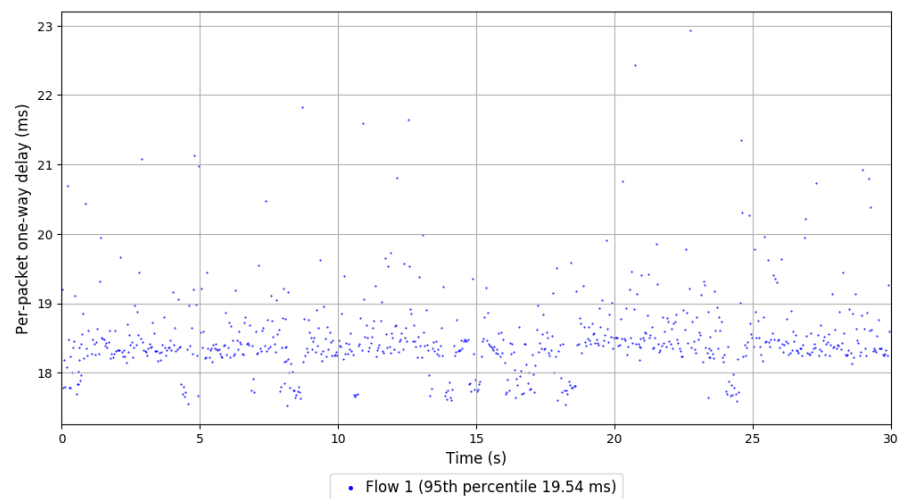
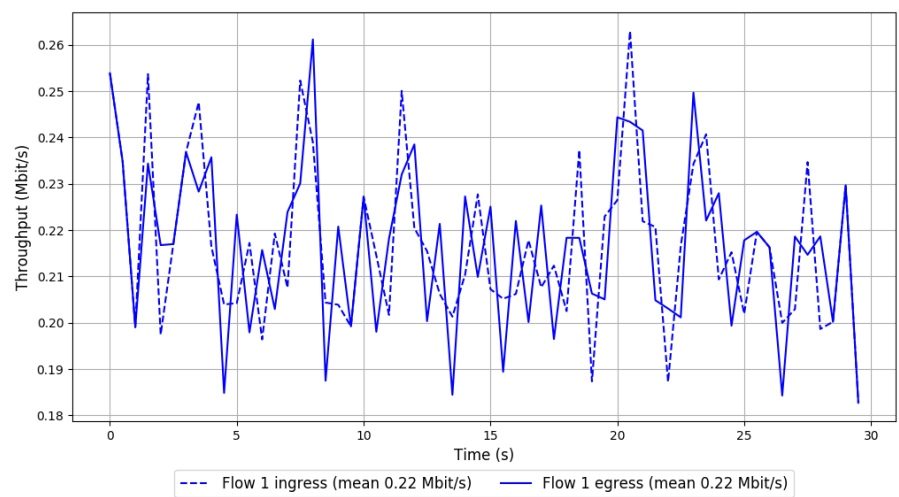


Run 2: Statistics of SCReAM

Start at: 2017-09-17 13:37:13
End at: 2017-09-17 13:37:43
Local clock offset: 8.419 ms
Remote clock offset: -2.129 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.539 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.539 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

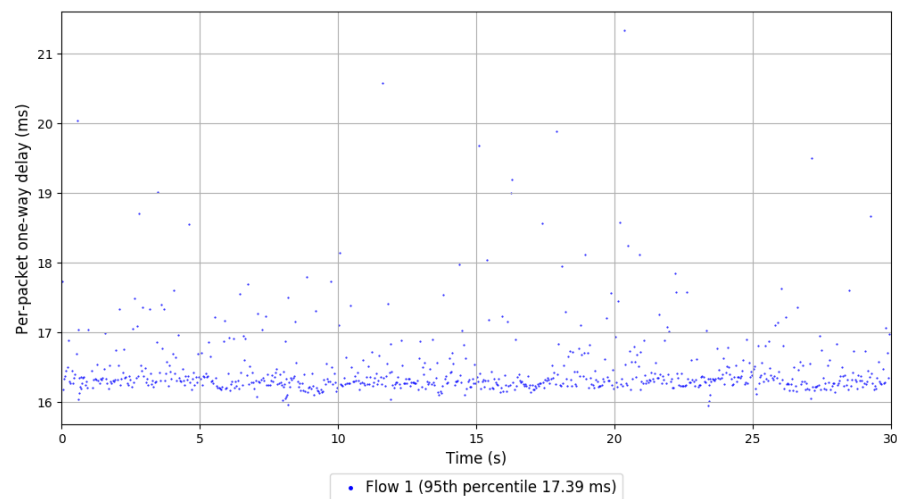
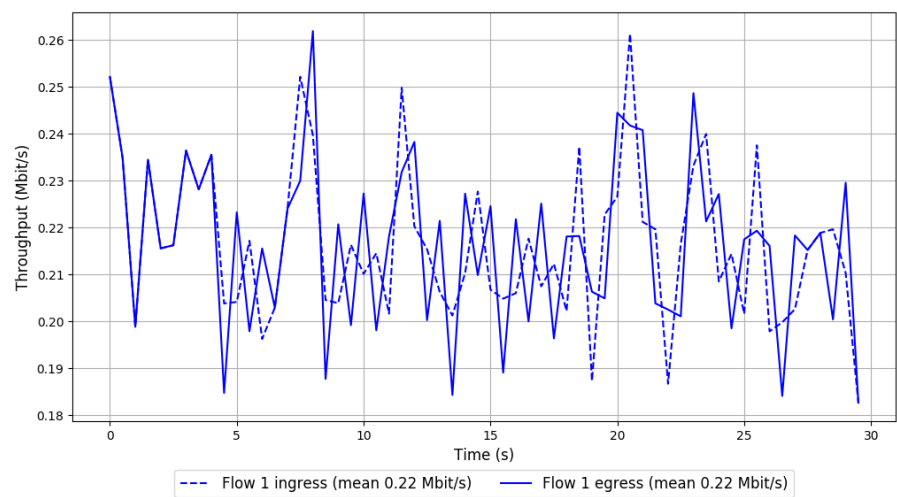


Run 3: Statistics of SCReAM

Start at: 2017-09-17 14:01:01
End at: 2017-09-17 14:01:31
Local clock offset: 10.859 ms
Remote clock offset: -2.109 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.390 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

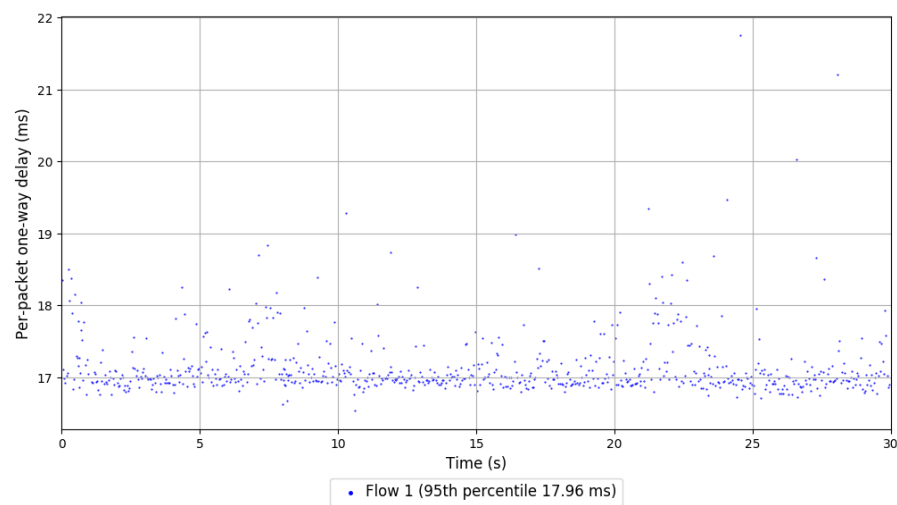
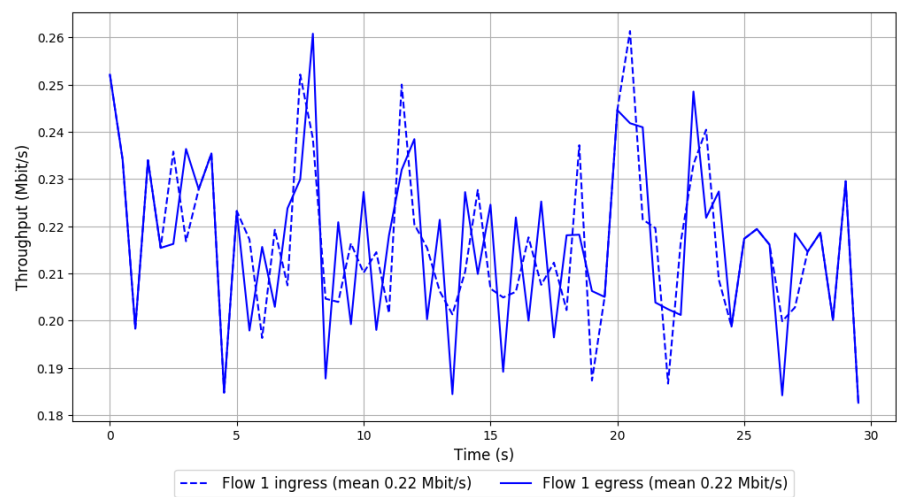


Run 4: Statistics of SCReAM

Start at: 2017-09-17 14:24:58
End at: 2017-09-17 14:25:28
Local clock offset: 4.802 ms
Remote clock offset: -0.952 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.957 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.957 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

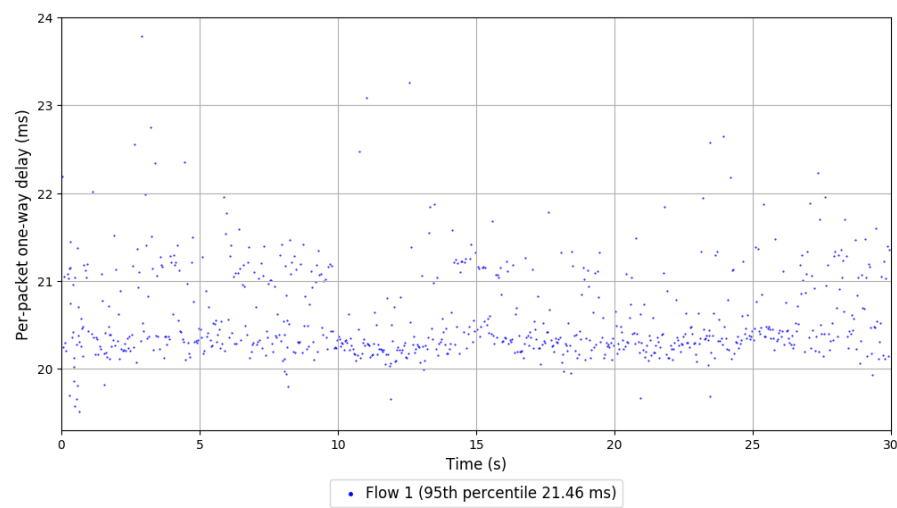
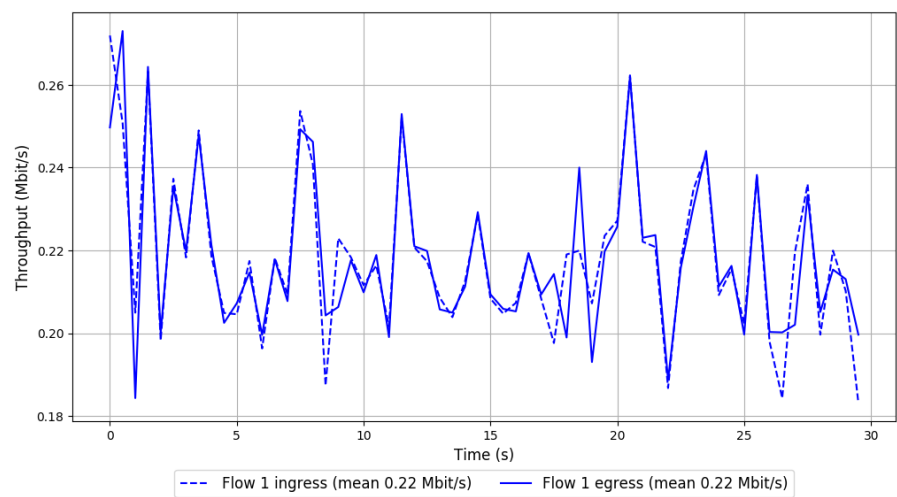


Run 5: Statistics of SCReAM

Start at: 2017-09-17 15:08:34
End at: 2017-09-17 15:09:04
Local clock offset: 6.179 ms
Remote clock offset: -1.687 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 21.465 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 21.465 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

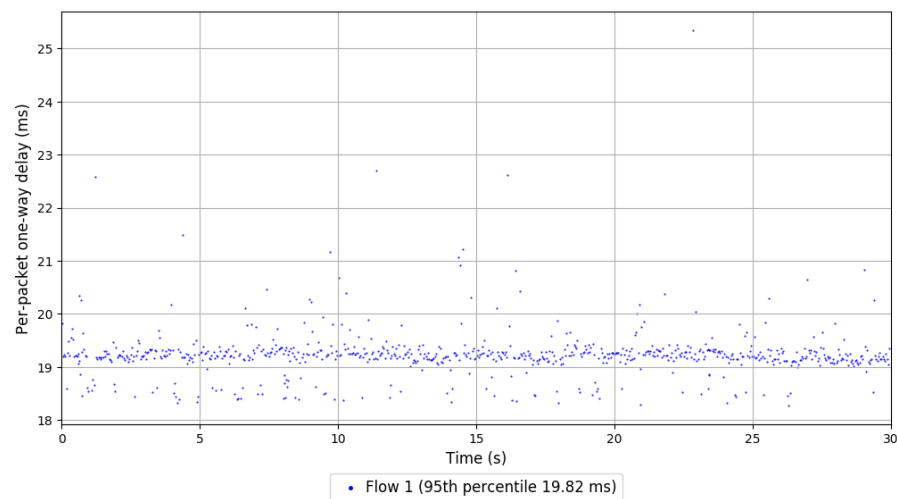
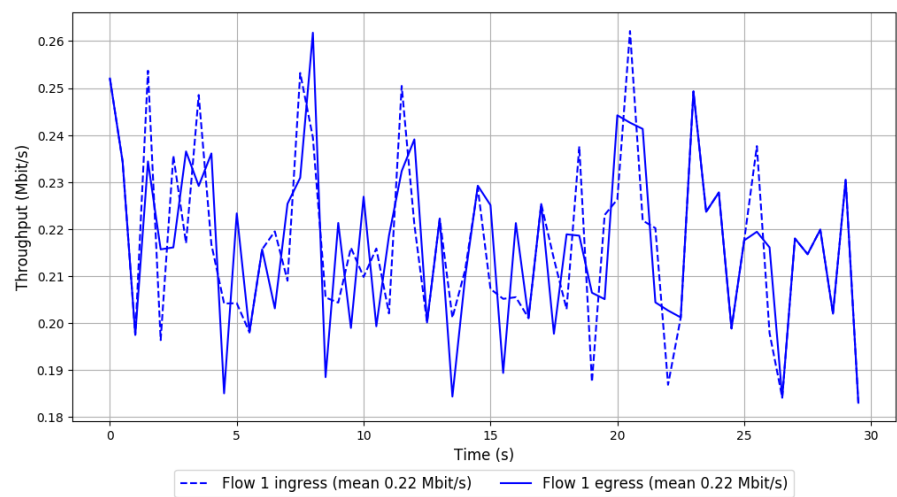


Run 6: Statistics of SCReAM

Start at: 2017-09-17 15:41:24
End at: 2017-09-17 15:41:54
Local clock offset: 5.83 ms
Remote clock offset: -2.373 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.820 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

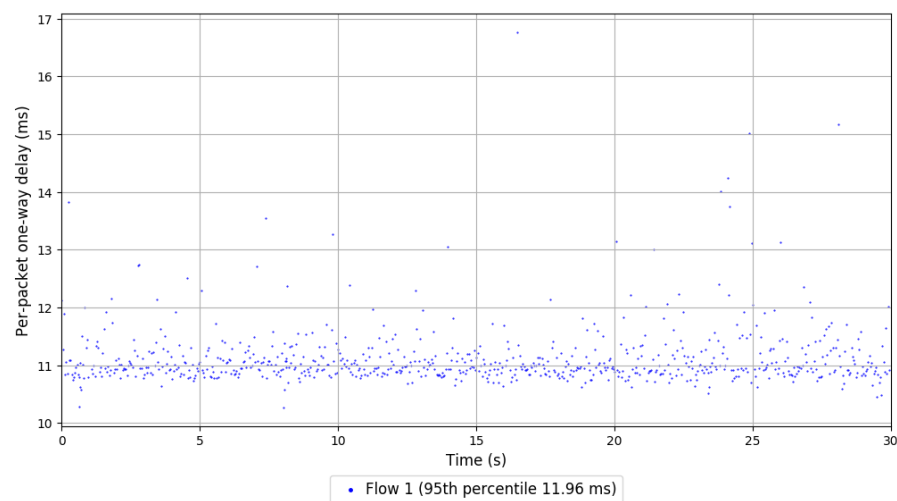
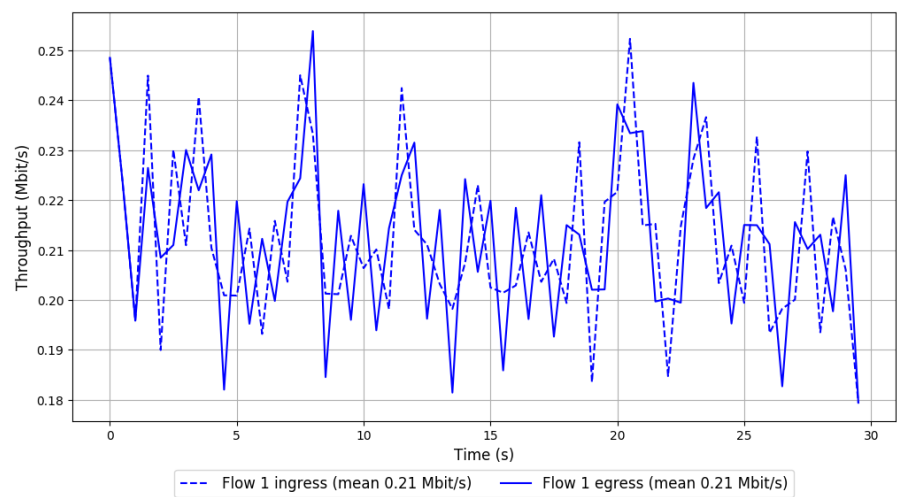


Run 7: Statistics of SCReAM

Start at: 2017-09-17 16:11:14
End at: 2017-09-17 16:11:44
Local clock offset: 5.128 ms
Remote clock offset: -1.786 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.955 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

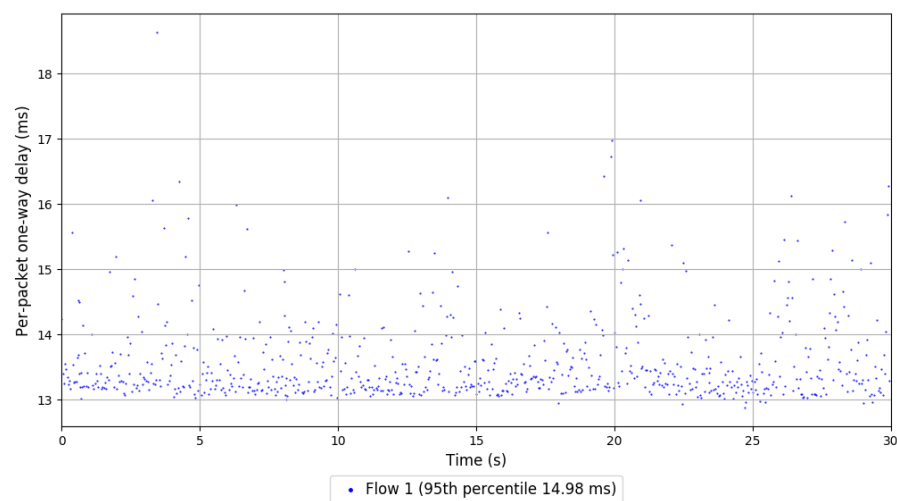
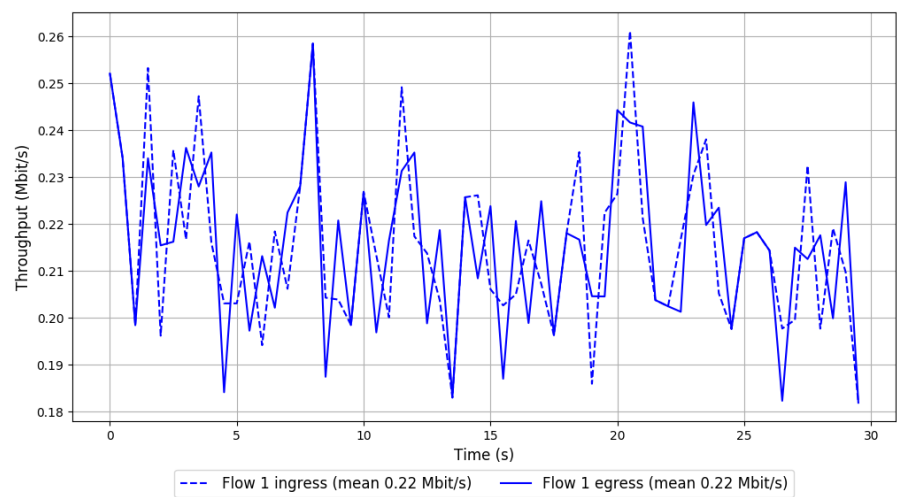


Run 8: Statistics of SCReAM

Start at: 2017-09-17 17:25:19
End at: 2017-09-17 17:25:49
Local clock offset: 1.29 ms
Remote clock offset: -1.802 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.982 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

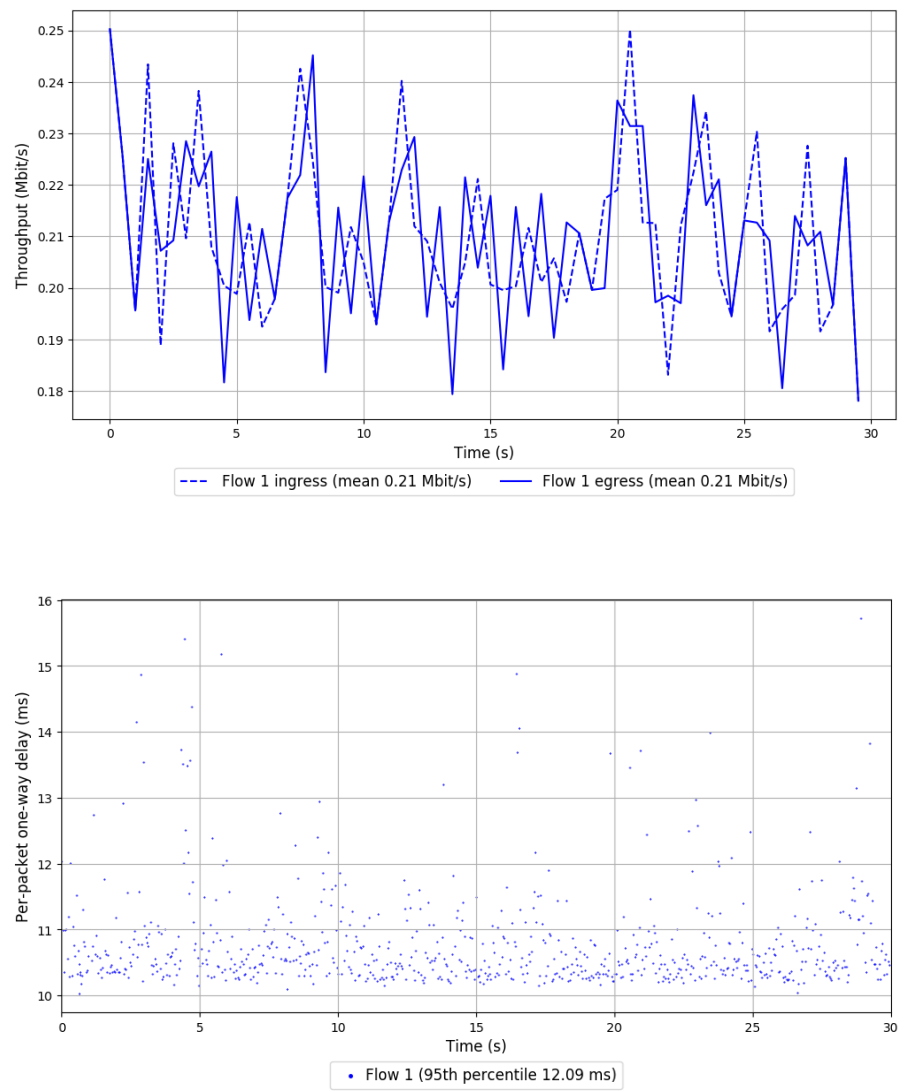


Run 9: Statistics of SCReAM

Start at: 2017-09-17 17:48:13
End at: 2017-09-17 17:48:43
Local clock offset: 1.676 ms
Remote clock offset: -1.274 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.093 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.093 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

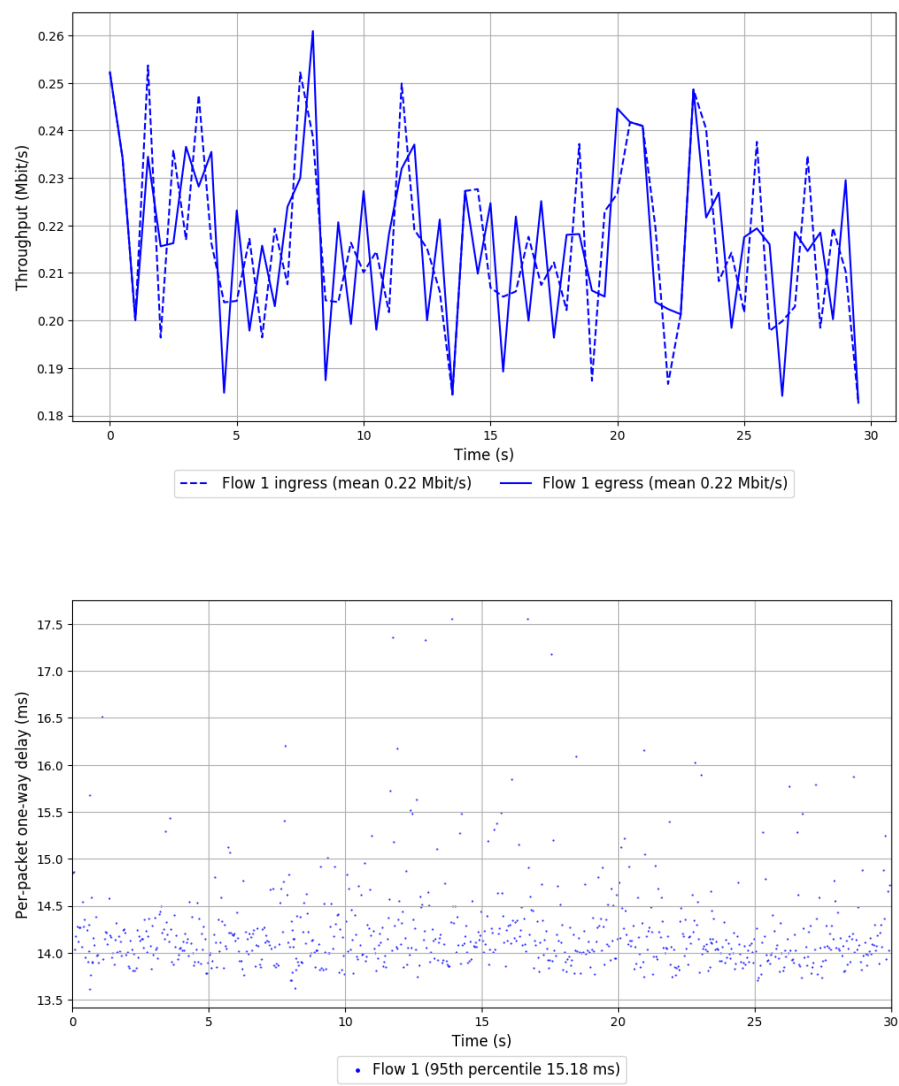


Run 10: Statistics of SReAM

Start at: 2017-09-17 18:10:58
End at: 2017-09-17 18:11:28
Local clock offset: -1.638 ms
Remote clock offset: -1.338 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 15.183 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2017-09-17 13:31:30

End at: 2017-09-17 13:32:00

Local clock offset: 6.39 ms

Remote clock offset: -1.52 ms

Below is generated by plot.py at 2017-09-17 19:14:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 21.15 Mbit/s

95th percentile per-packet one-way delay: 26.562 ms

Loss rate: 0.02%

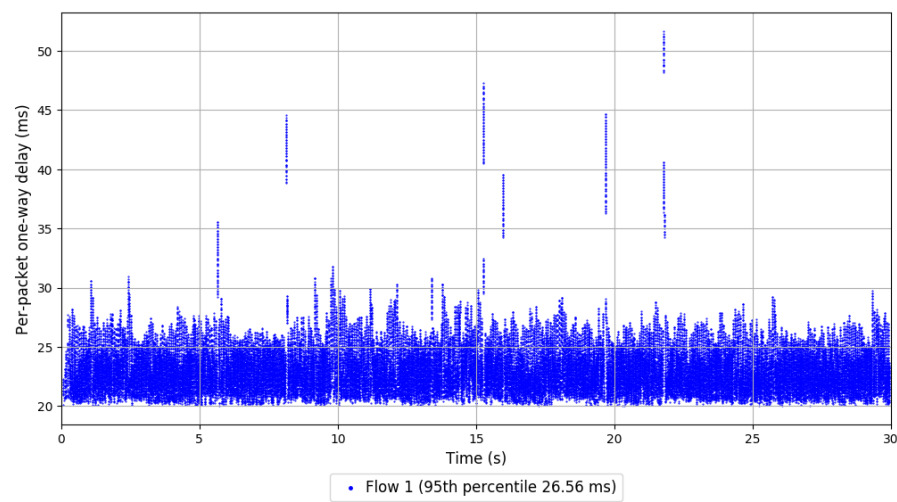
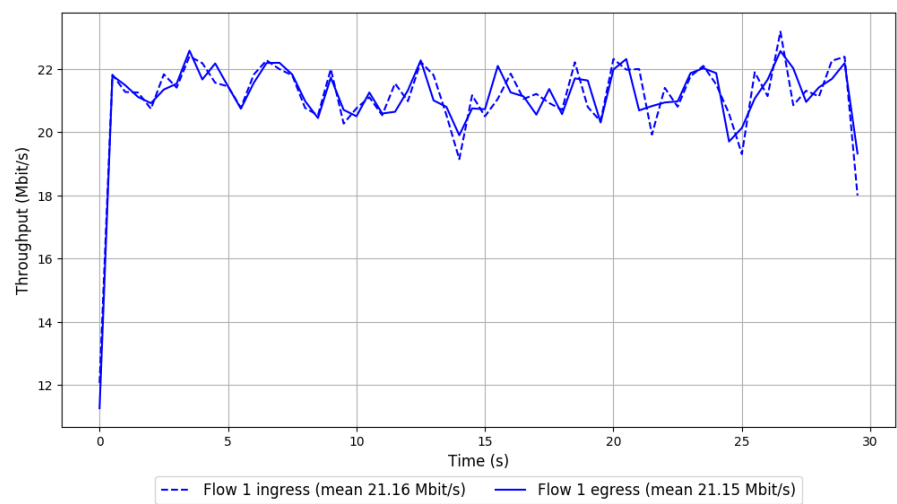
-- Flow 1:

Average throughput: 21.15 Mbit/s

95th percentile per-packet one-way delay: 26.562 ms

Loss rate: 0.02%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

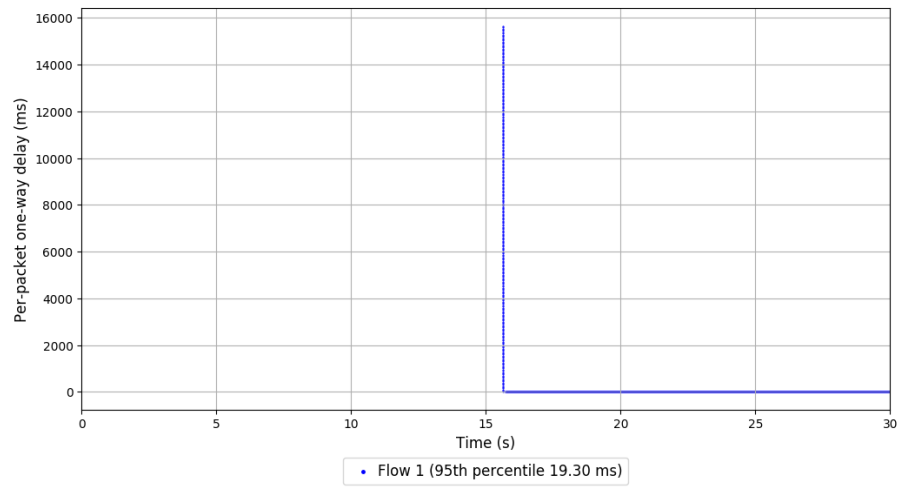
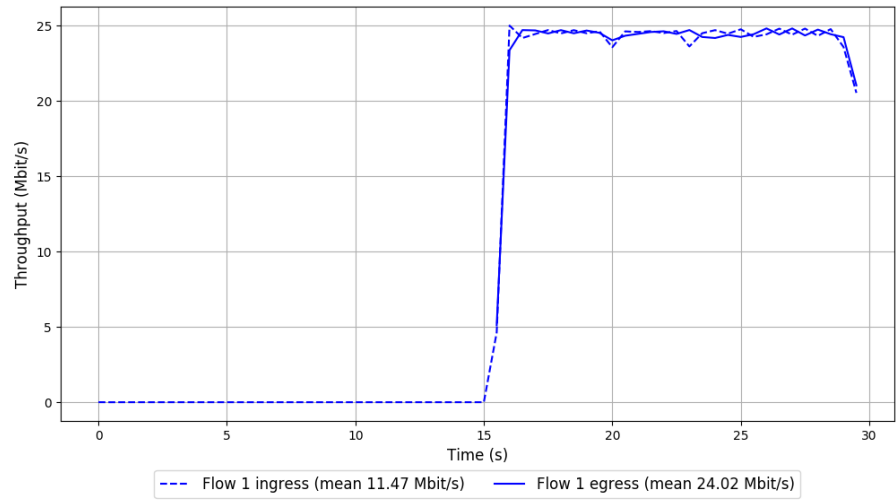
Start at: 2017-09-17 13:56:11

End at: 2017-09-17 13:56:41

Local clock offset: 8.17 ms

Remote clock offset: -2.207 ms

Run 2: Report of Sprout — Data Link

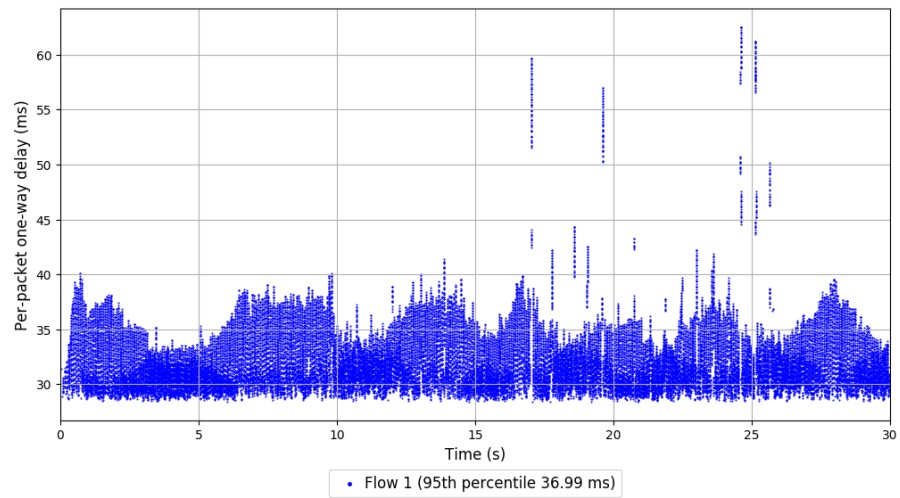
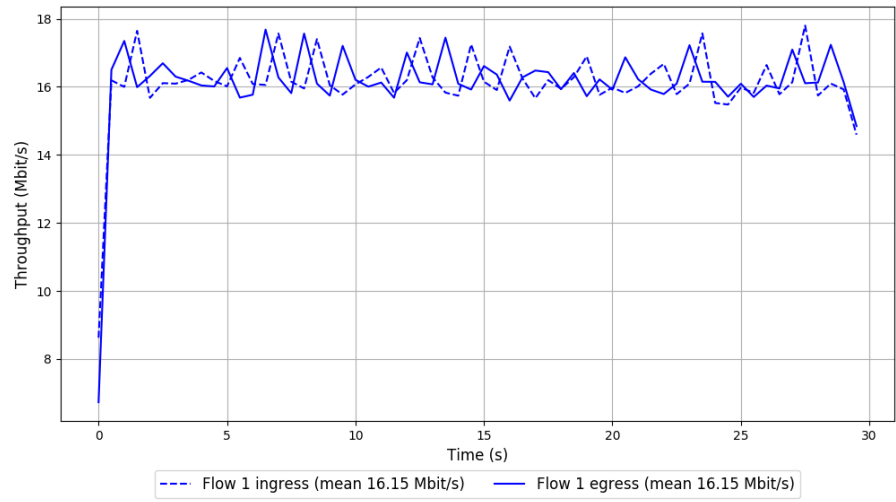


Run 3: Statistics of Sprout

Start at: 2017-09-17 14:20:43
End at: 2017-09-17 14:21:13
Local clock offset: 5.417 ms
Remote clock offset: -0.263 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 36.990 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 36.990 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

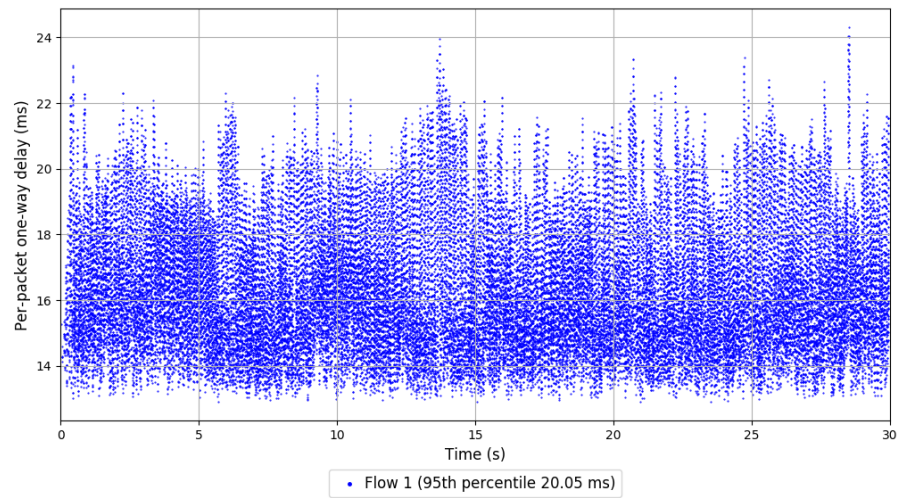
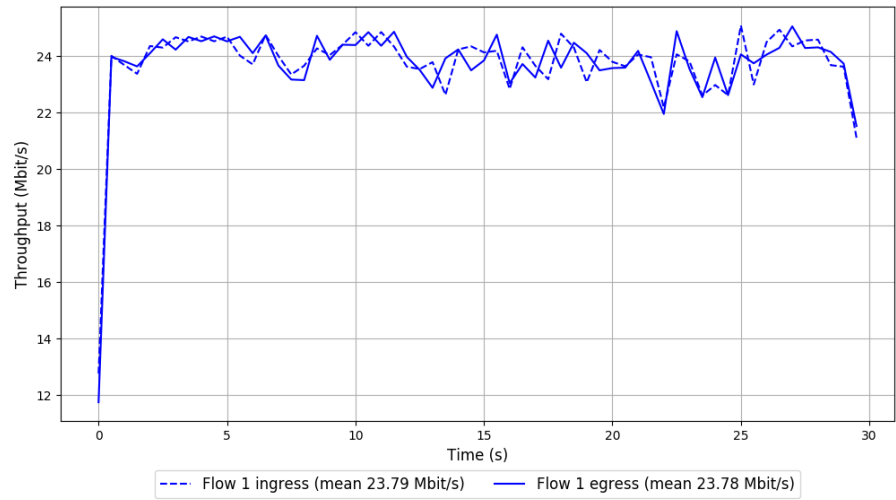


Run 4: Statistics of Sprout

Start at: 2017-09-17 14:54:45
End at: 2017-09-17 14:55:15
Local clock offset: 5.179 ms
Remote clock offset: -1.455 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 20.048 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 23.78 Mbit/s
95th percentile per-packet one-way delay: 20.048 ms
Loss rate: 0.05%

Run 4: Report of Sprout — Data Link

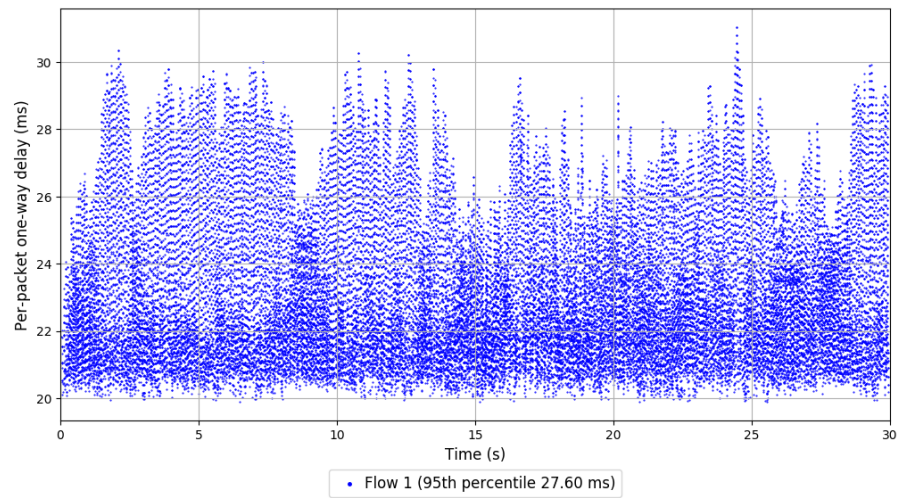
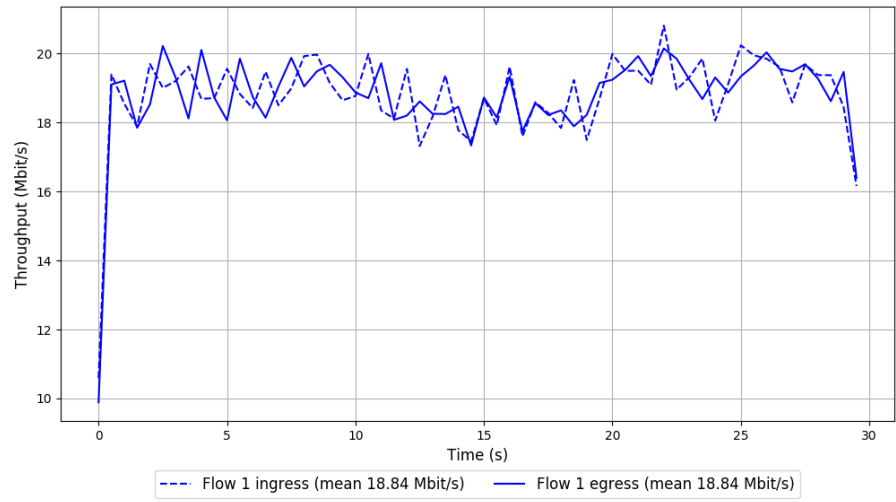


Run 5: Statistics of Sprout

Start at: 2017-09-17 15:35:15
End at: 2017-09-17 15:35:45
Local clock offset: 5.122 ms
Remote clock offset: -1.673 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 27.597 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 18.84 Mbit/s
95th percentile per-packet one-way delay: 27.597 ms
Loss rate: 0.03%

Run 5: Report of Sprout — Data Link

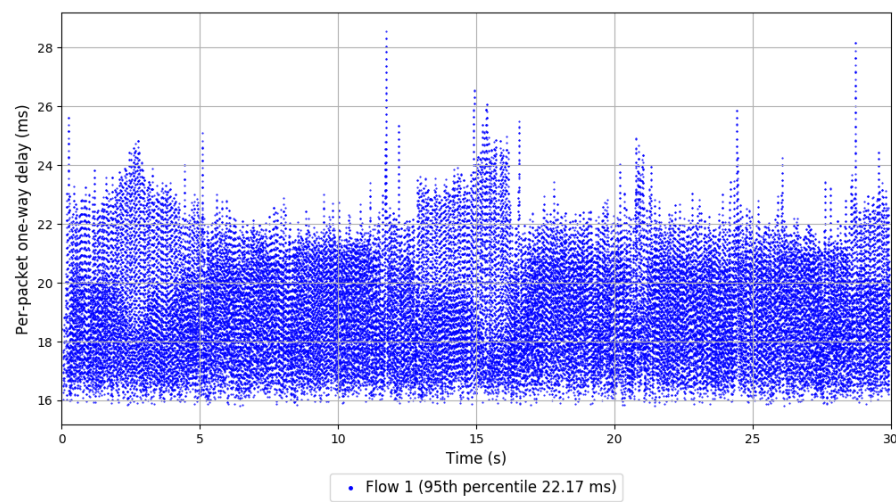
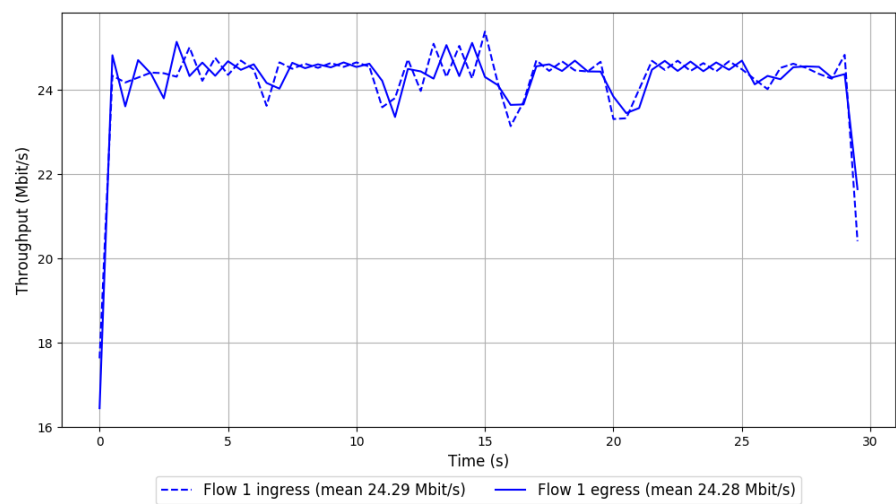


Run 6: Statistics of Sprout

Start at: 2017-09-17 16:03:59
End at: 2017-09-17 16:04:29
Local clock offset: 2.362 ms
Remote clock offset: -0.995 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 22.166 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 24.28 Mbit/s
95th percentile per-packet one-way delay: 22.166 ms
Loss rate: 0.03%

Run 6: Report of Sprout — Data Link

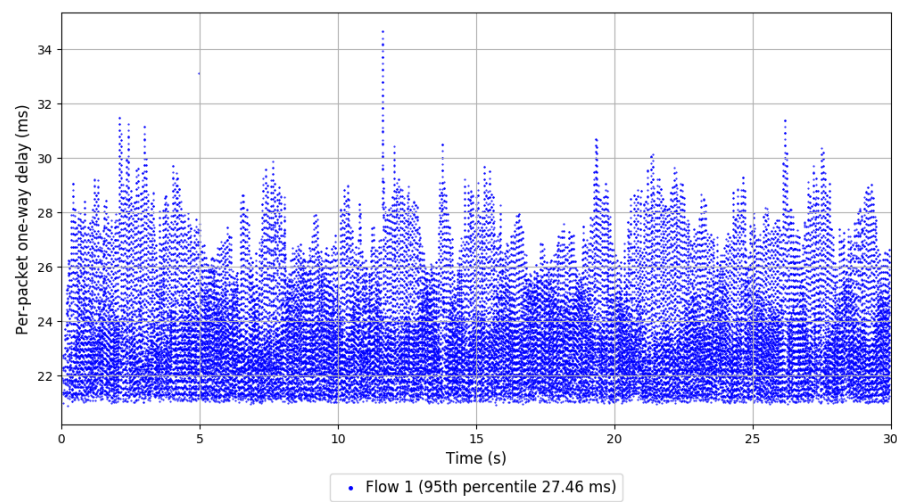
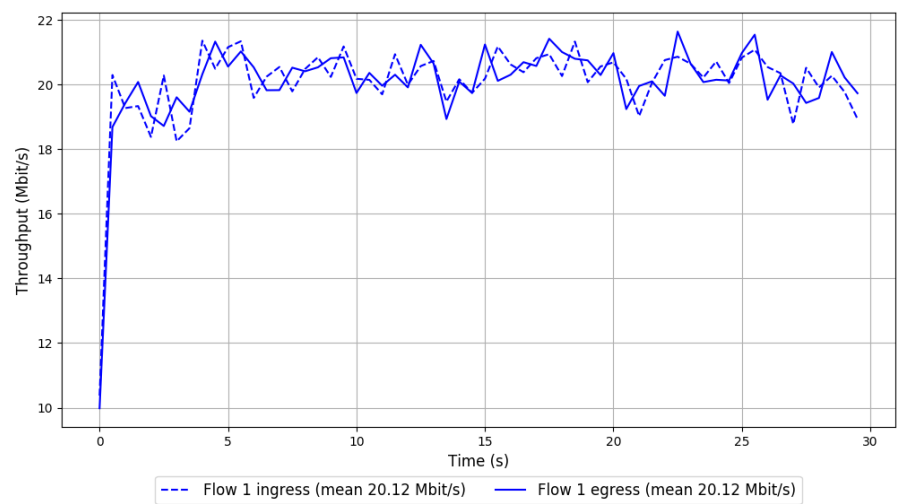


Run 7: Statistics of Sprout

Start at: 2017-09-17 17:20:16
End at: 2017-09-17 17:20:46
Local clock offset: 0.835 ms
Remote clock offset: -1.086 ms

Below is generated by plot.py at 2017-09-17 19:14:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.12 Mbit/s
95th percentile per-packet one-way delay: 27.456 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 20.12 Mbit/s
95th percentile per-packet one-way delay: 27.456 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

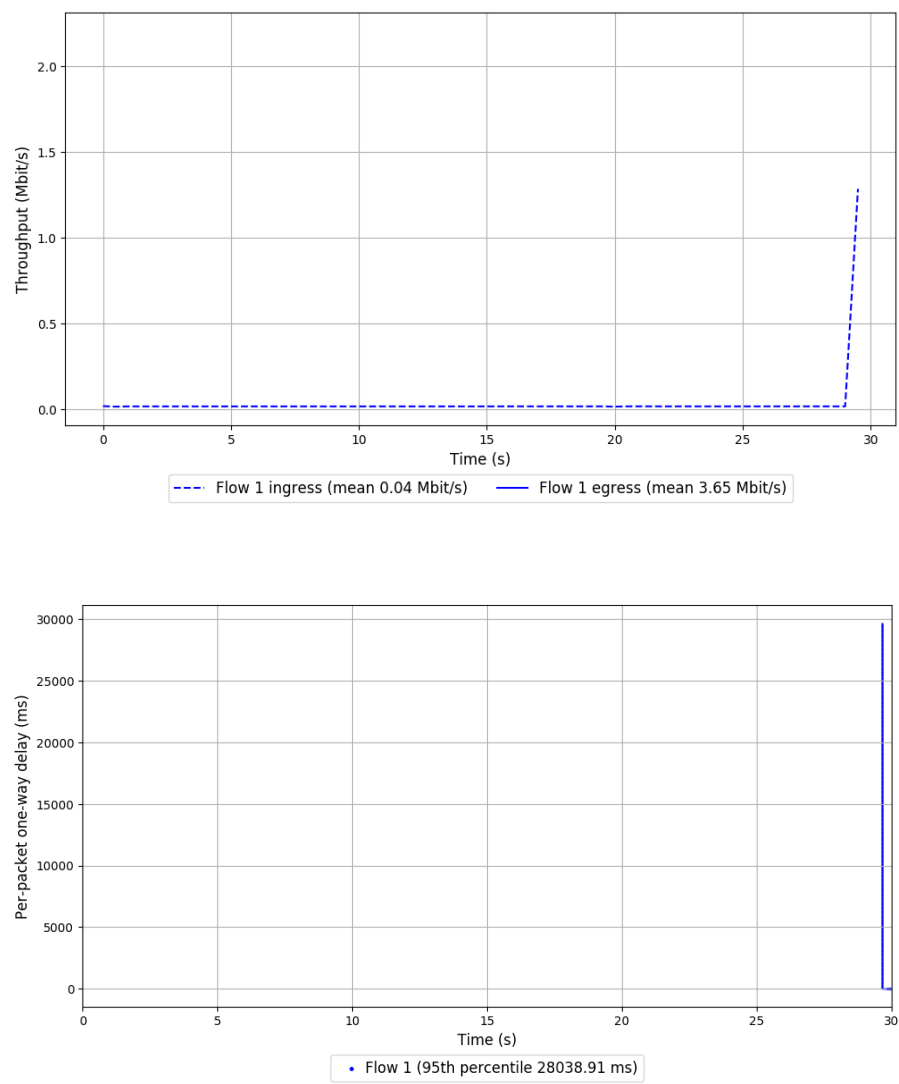
Start at: 2017-09-17 17:43:54

End at: 2017-09-17 17:44:24

Local clock offset: 1.977 ms

Remote clock offset: -2.51 ms

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2017-09-17 18:06:26

End at: 2017-09-17 18:06:56

Local clock offset: -0.551 ms

Remote clock offset: 0.05 ms

Below is generated by plot.py at 2017-09-17 19:14:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.90 Mbit/s

95th percentile per-packet one-way delay: 27.426 ms

Loss rate: 0.01%

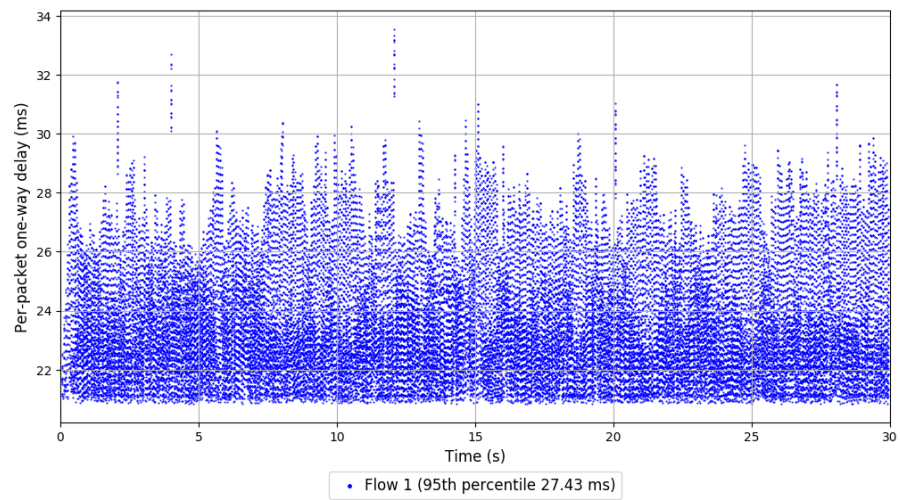
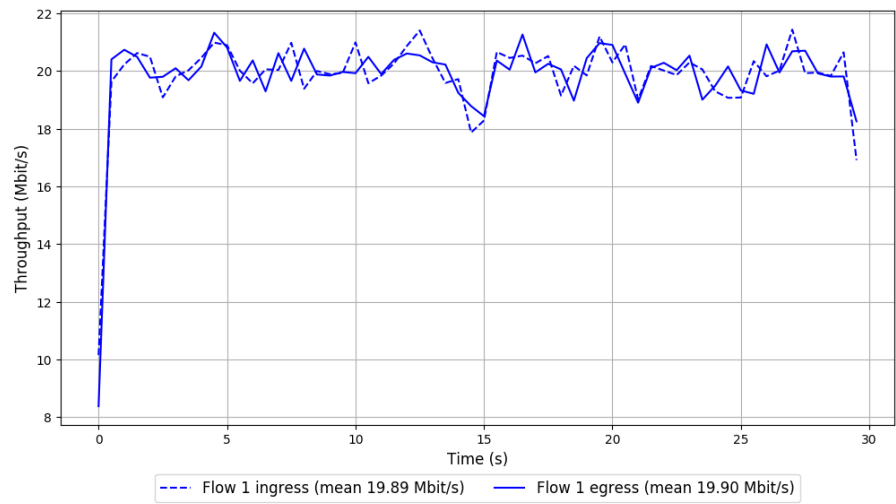
-- Flow 1:

Average throughput: 19.90 Mbit/s

95th percentile per-packet one-way delay: 27.426 ms

Loss rate: 0.01%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

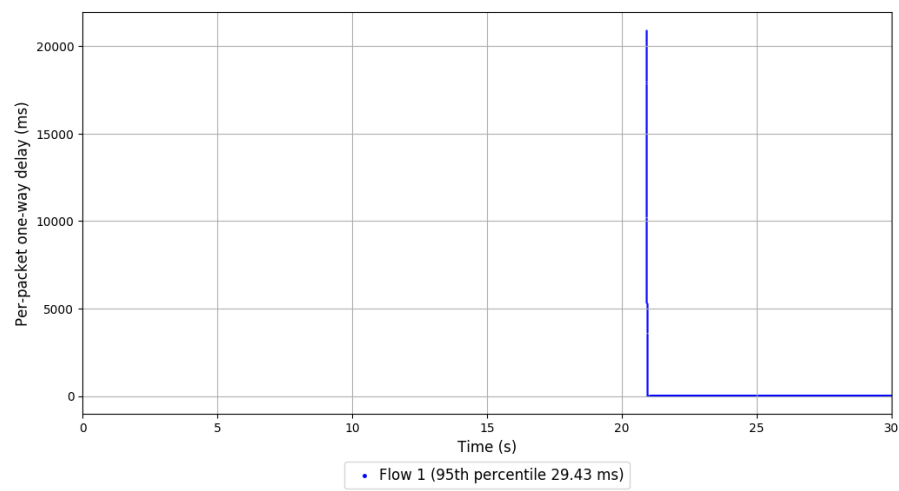
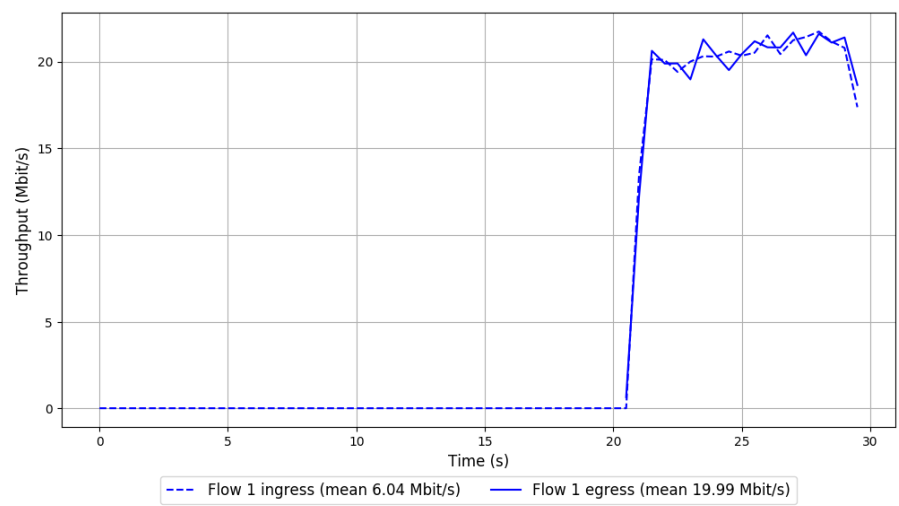
Start at: 2017-09-17 18:28:31

End at: 2017-09-17 18:29:01

Local clock offset: -4.019 ms

Remote clock offset: -0.825 ms

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2017-09-17 13:27:44

End at: 2017-09-17 13:28:14

Local clock offset: 5.124 ms

Remote clock offset: -2.546 ms

Below is generated by plot.py at 2017-09-17 19:16:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.86 Mbit/s

95th percentile per-packet one-way delay: 15.823 ms

Loss rate: 0.00%

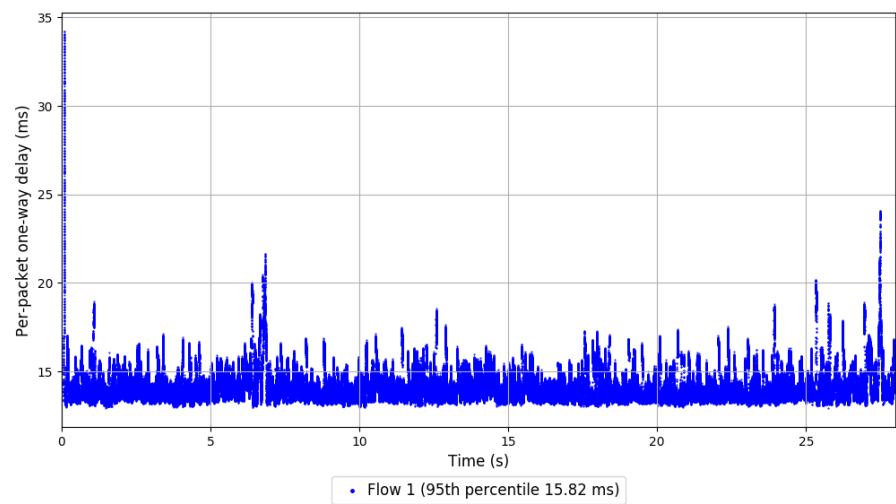
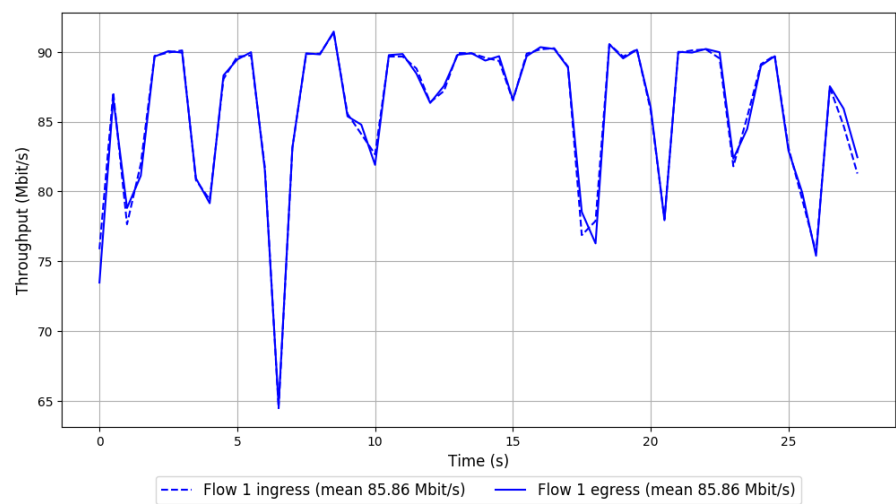
-- Flow 1:

Average throughput: 85.86 Mbit/s

95th percentile per-packet one-way delay: 15.823 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: 2017-09-17 13:52:45

End at: 2017-09-17 13:53:15

Local clock offset: 7.519 ms

Remote clock offset: -1.909 ms

Below is generated by plot.py at 2017-09-17 19:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.71 Mbit/s

95th percentile per-packet one-way delay: 15.321 ms

Loss rate: 0.00%

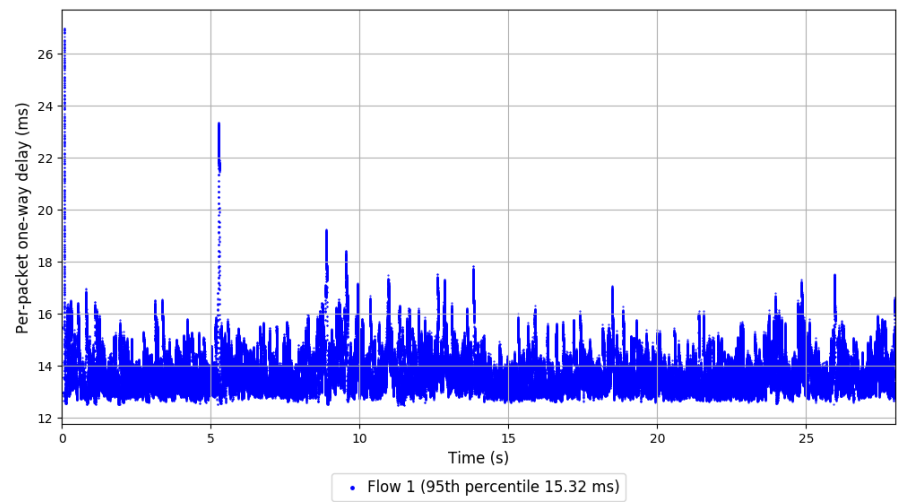
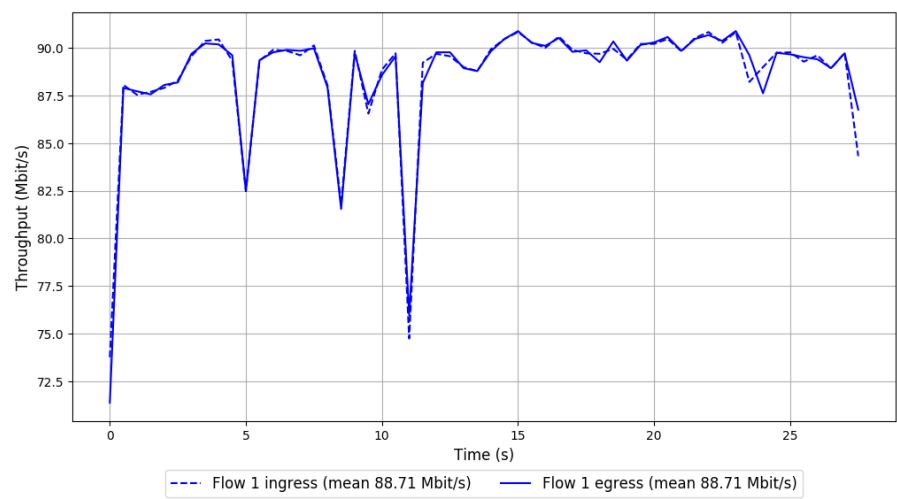
-- Flow 1:

Average throughput: 88.71 Mbit/s

95th percentile per-packet one-way delay: 15.321 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-17 14:16:38

End at: 2017-09-17 14:17:08

Local clock offset: 7.937 ms

Remote clock offset: -1.538 ms

Below is generated by plot.py at 2017-09-17 19:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.36 Mbit/s

95th percentile per-packet one-way delay: 36.875 ms

Loss rate: 0.72%

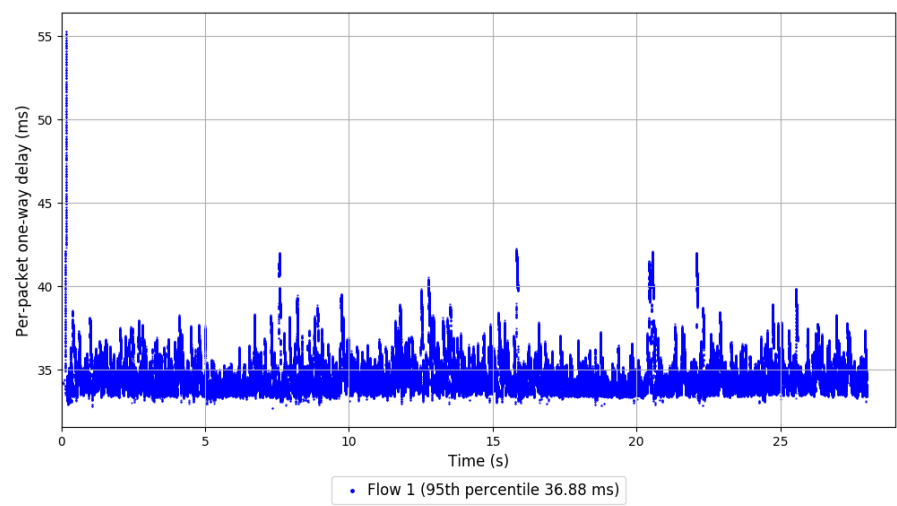
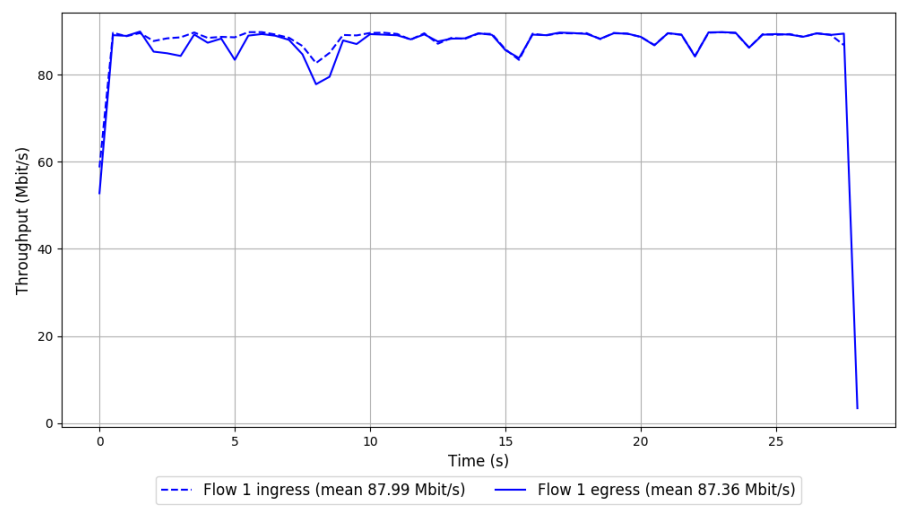
-- Flow 1:

Average throughput: 87.36 Mbit/s

95th percentile per-packet one-way delay: 36.875 ms

Loss rate: 0.72%

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



Run 4: Statistics of TaoVA-100x

Start at: 2017-09-17 14:45:07

End at: 2017-09-17 14:45:37

Local clock offset: 14.846 ms

Remote clock offset: -1.67 ms

Below is generated by plot.py at 2017-09-17 19:16:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.28 Mbit/s

95th percentile per-packet one-way delay: 14.995 ms

Loss rate: 0.00%

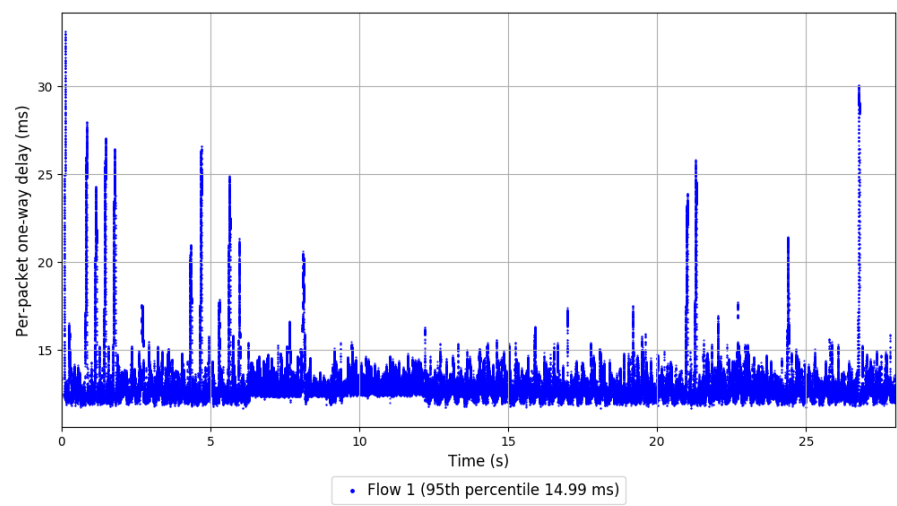
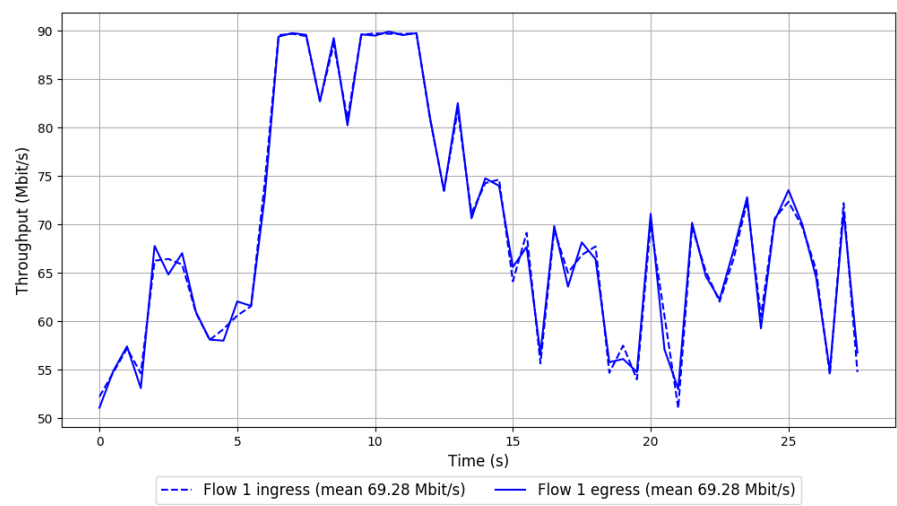
-- Flow 1:

Average throughput: 69.28 Mbit/s

95th percentile per-packet one-way delay: 14.995 ms

Loss rate: 0.00%

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

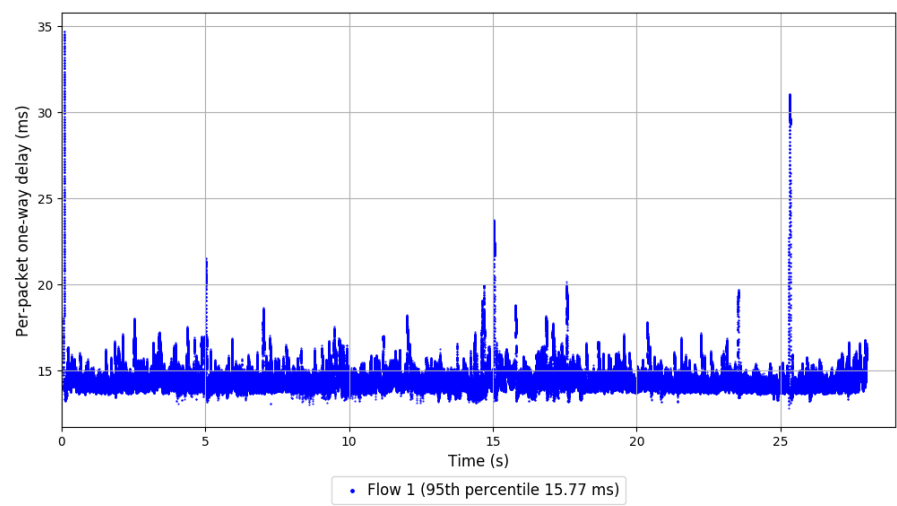
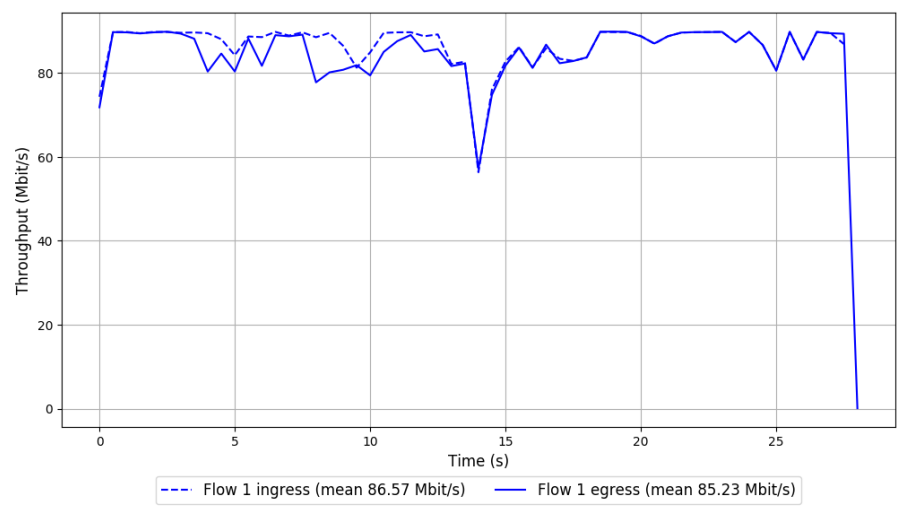


Run 5: Statistics of TaoVA-100x

Start at: 2017-09-17 15:30:31
End at: 2017-09-17 15:31:01
Local clock offset: 2.984 ms
Remote clock offset: -2.517 ms

Below is generated by plot.py at 2017-09-17 19:16:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.23 Mbit/s
95th percentile per-packet one-way delay: 15.767 ms
Loss rate: 1.55%
-- Flow 1:
Average throughput: 85.23 Mbit/s
95th percentile per-packet one-way delay: 15.767 ms
Loss rate: 1.55%

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



Run 6: Statistics of TaoVA-100x

Start at: 2017-09-17 15:58:32

End at: 2017-09-17 15:59:02

Local clock offset: 4.28 ms

Remote clock offset: -2.326 ms

Below is generated by plot.py at 2017-09-17 19:16:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.45 Mbit/s

95th percentile per-packet one-way delay: 21.931 ms

Loss rate: 0.01%

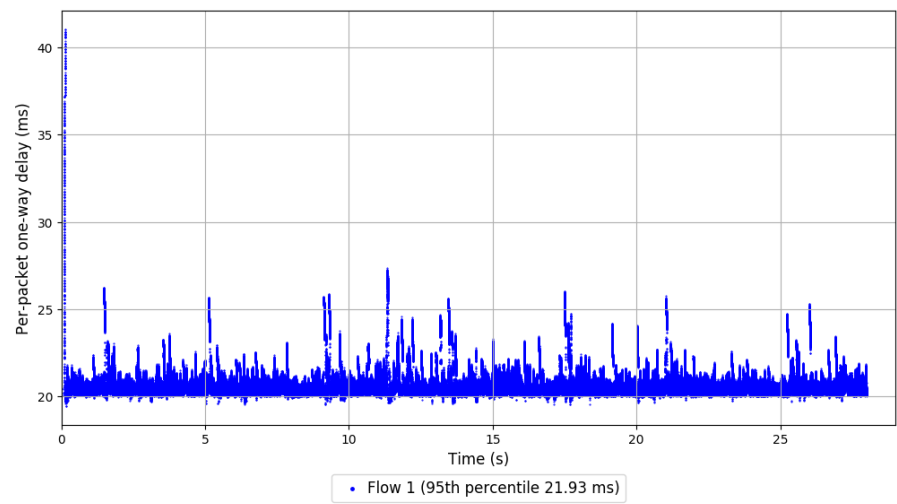
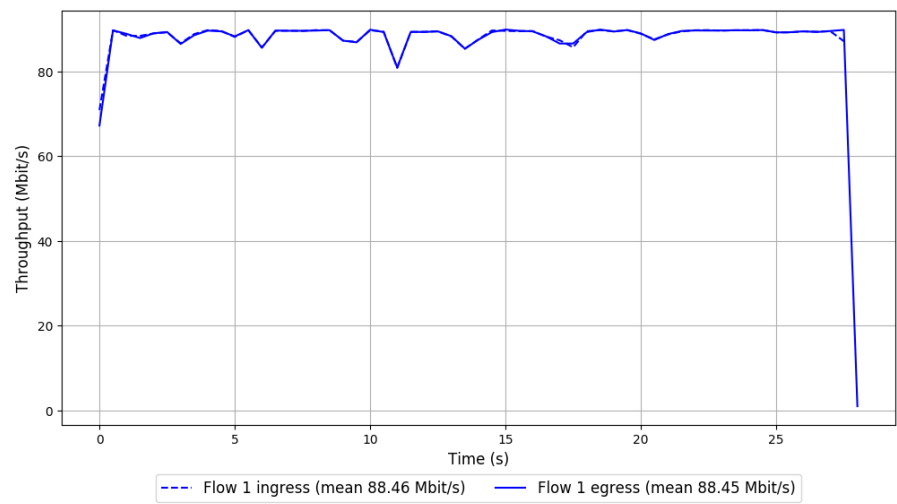
-- Flow 1:

Average throughput: 88.45 Mbit/s

95th percentile per-packet one-way delay: 21.931 ms

Loss rate: 0.01%

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

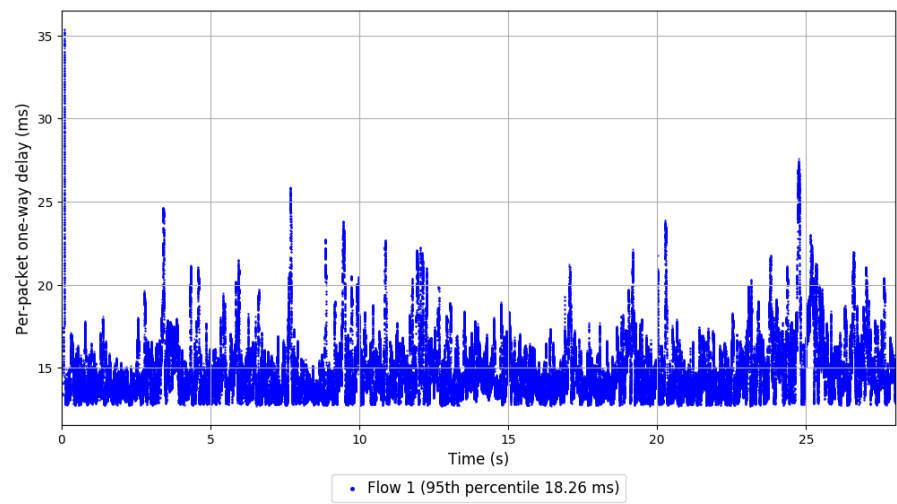
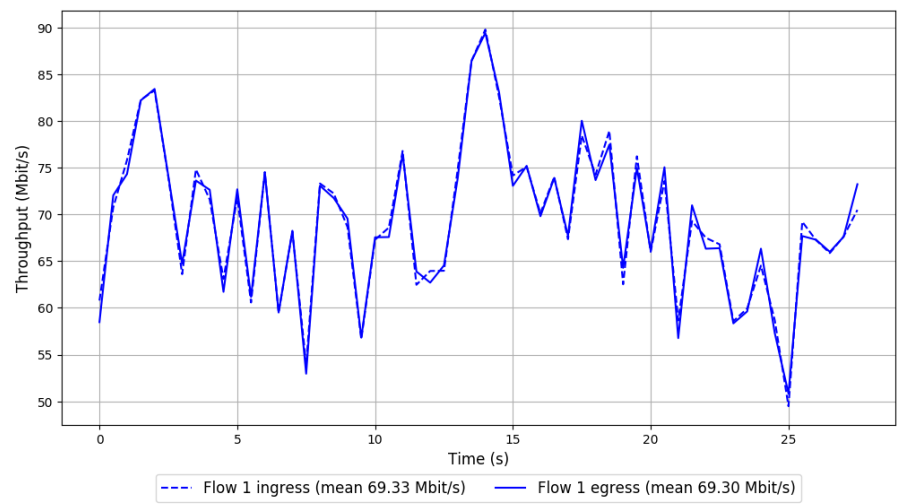


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-17 17:11:22
End at: 2017-09-17 17:11:52
Local clock offset: -0.118 ms
Remote clock offset: -2.577 ms

Below is generated by plot.py at 2017-09-17 19:16:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.30 Mbit/s
95th percentile per-packet one-way delay: 18.262 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 69.30 Mbit/s
95th percentile per-packet one-way delay: 18.262 ms
Loss rate: 0.04%

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

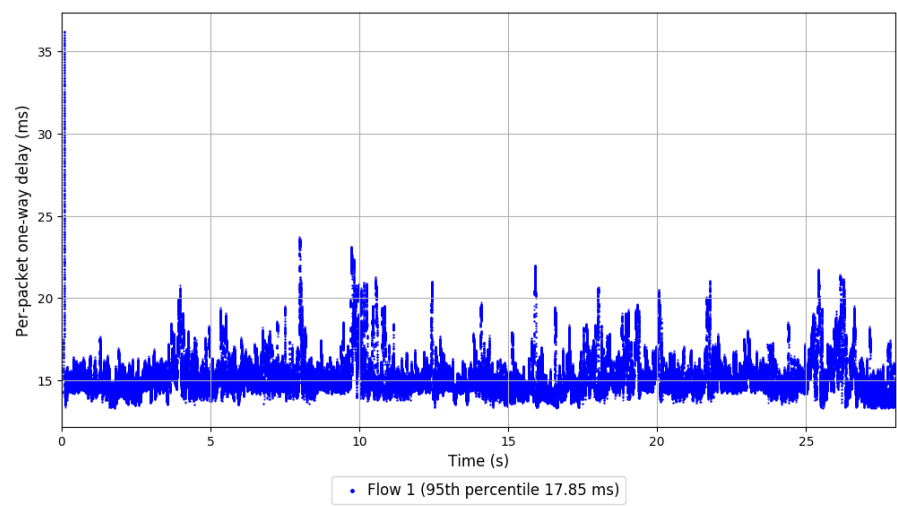
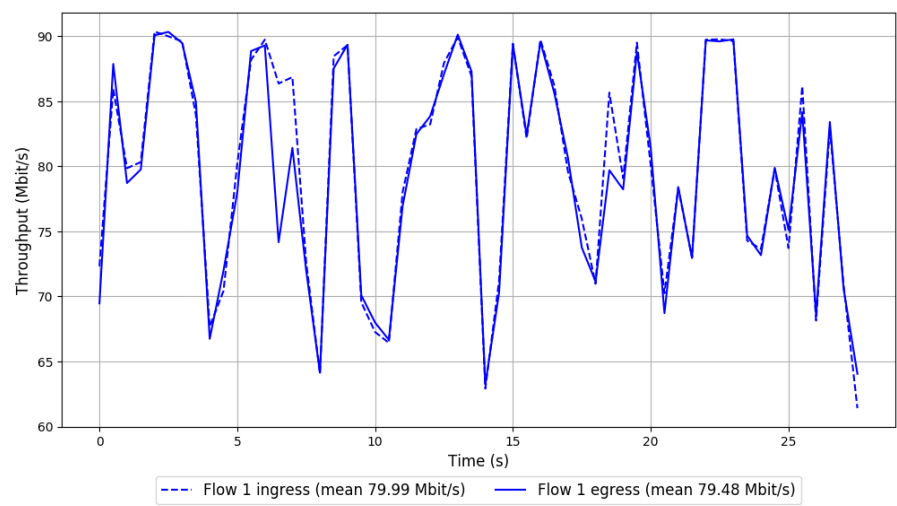


Run 8: Statistics of TaoVA-100x

Start at: 2017-09-17 17:40:29
End at: 2017-09-17 17:40:59
Local clock offset: -1.157 ms
Remote clock offset: -1.565 ms

Below is generated by plot.py at 2017-09-17 19:16:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 17.850 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 17.850 ms
Loss rate: 0.65%

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



Run 9: Statistics of TaoVA-100x

Start at: 2017-09-17 18:02:31

End at: 2017-09-17 18:03:01

Local clock offset: -0.237 ms

Remote clock offset: -2.26 ms

Below is generated by plot.py at 2017-09-17 19:18:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.50 Mbit/s

95th percentile per-packet one-way delay: 22.466 ms

Loss rate: 0.09%

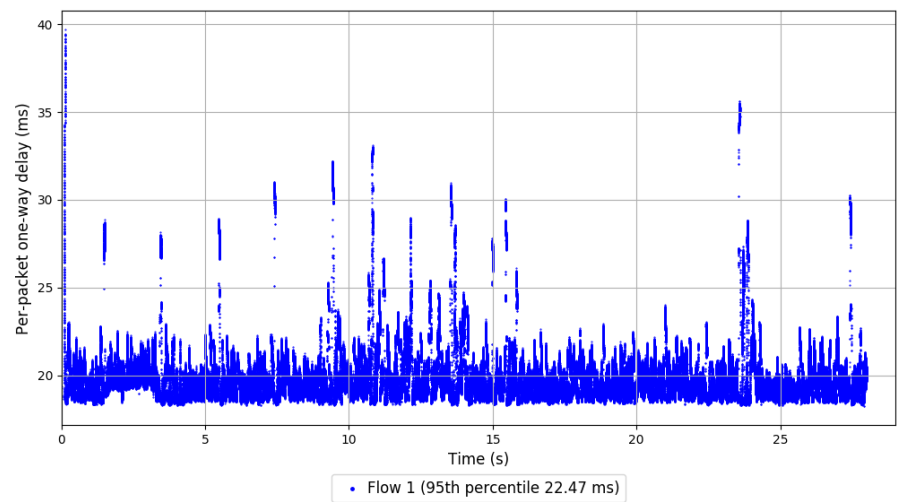
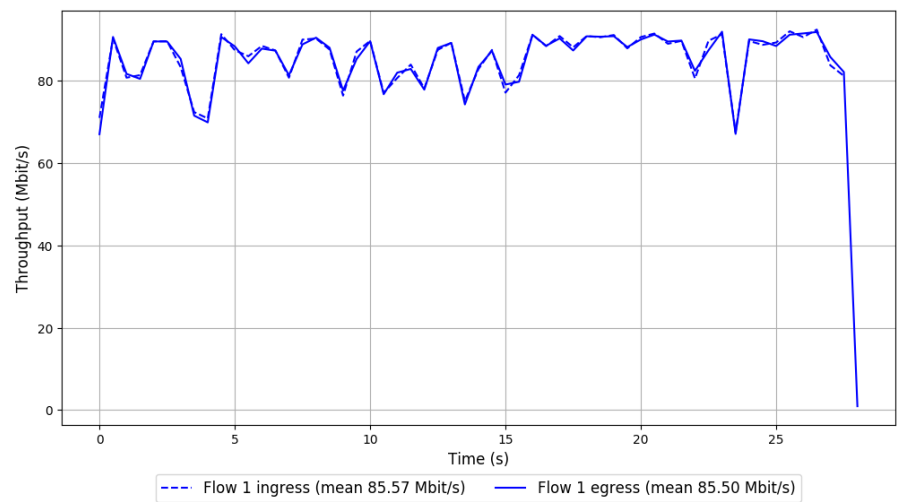
-- Flow 1:

Average throughput: 85.50 Mbit/s

95th percentile per-packet one-way delay: 22.466 ms

Loss rate: 0.09%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-17 18:25:09

End at: 2017-09-17 18:25:39

Local clock offset: -1.122 ms

Remote clock offset: -0.48 ms

Below is generated by plot.py at 2017-09-17 19:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.04 Mbit/s

95th percentile per-packet one-way delay: 23.457 ms

Loss rate: 0.02%

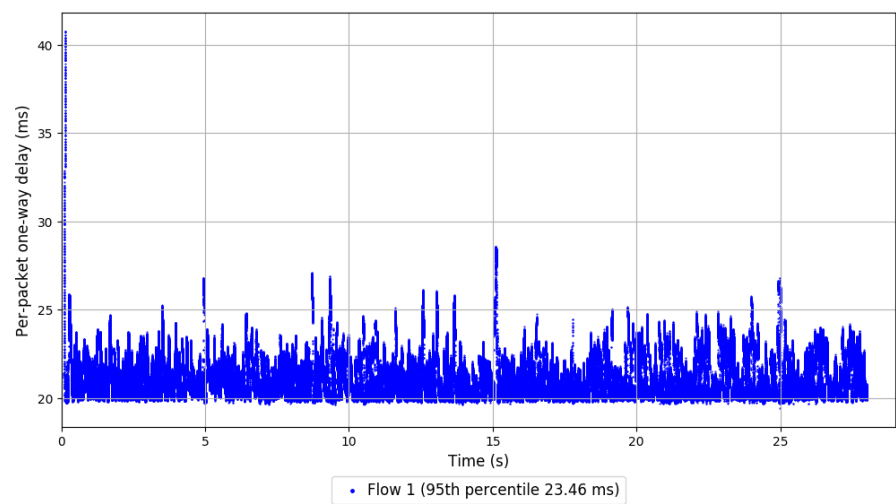
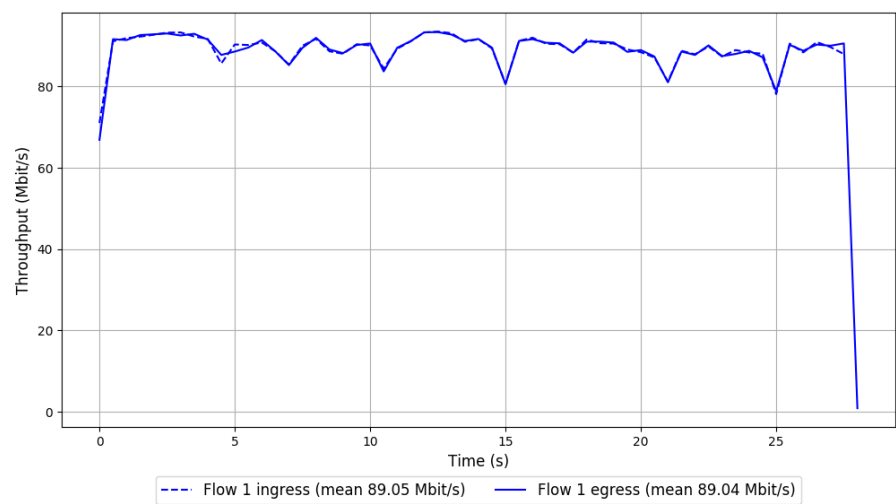
-- Flow 1:

Average throughput: 89.04 Mbit/s

95th percentile per-packet one-way delay: 23.457 ms

Loss rate: 0.02%

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

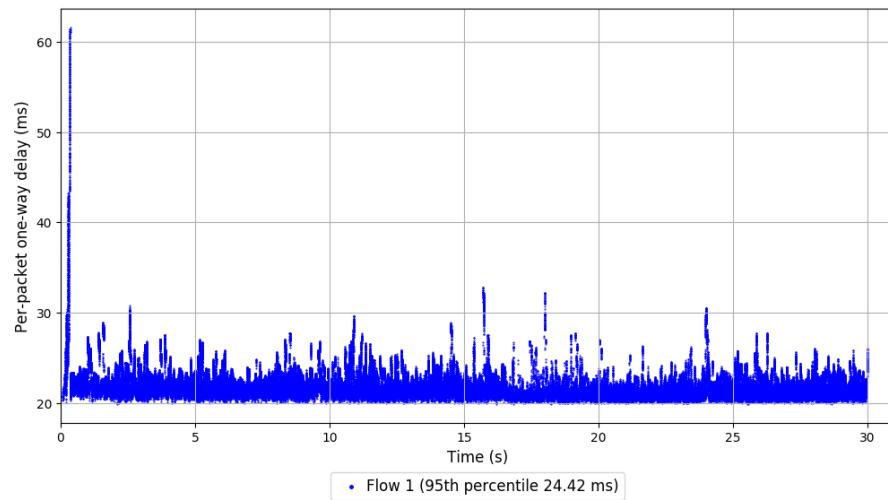
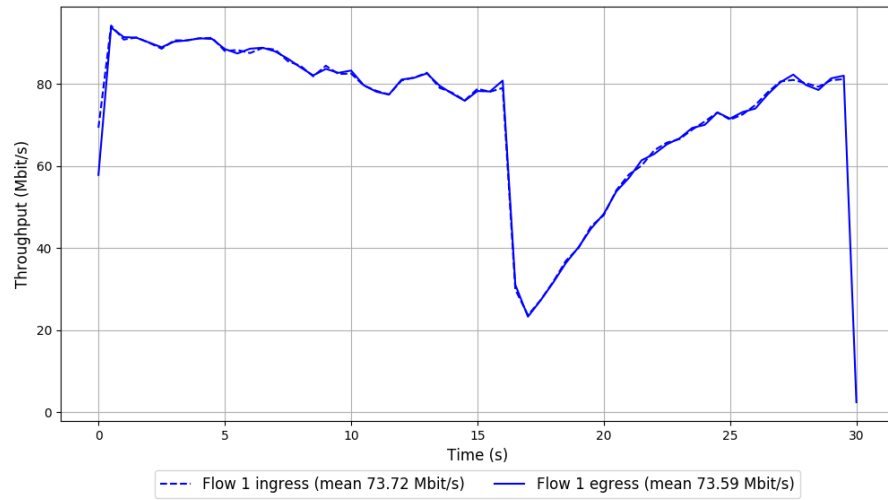


Run 1: Statistics of TCP Vegas

Start at: 2017-09-17 13:18:04
End at: 2017-09-17 13:18:34
Local clock offset: 4.993 ms
Remote clock offset: -2.719 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.59 Mbit/s
95th percentile per-packet one-way delay: 24.423 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 73.59 Mbit/s
95th percentile per-packet one-way delay: 24.423 ms
Loss rate: 0.17%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2017-09-17 13:43:02

End at: 2017-09-17 13:43:32

Local clock offset: 7.455 ms

Remote clock offset: -2.591 ms

Below is generated by plot.py at 2017-09-17 19:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.60 Mbit/s

95th percentile per-packet one-way delay: 18.387 ms

Loss rate: 0.00%

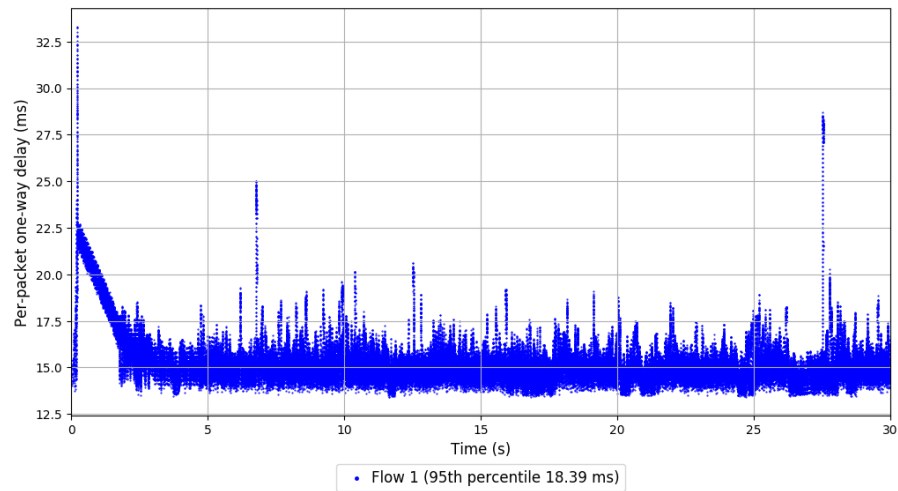
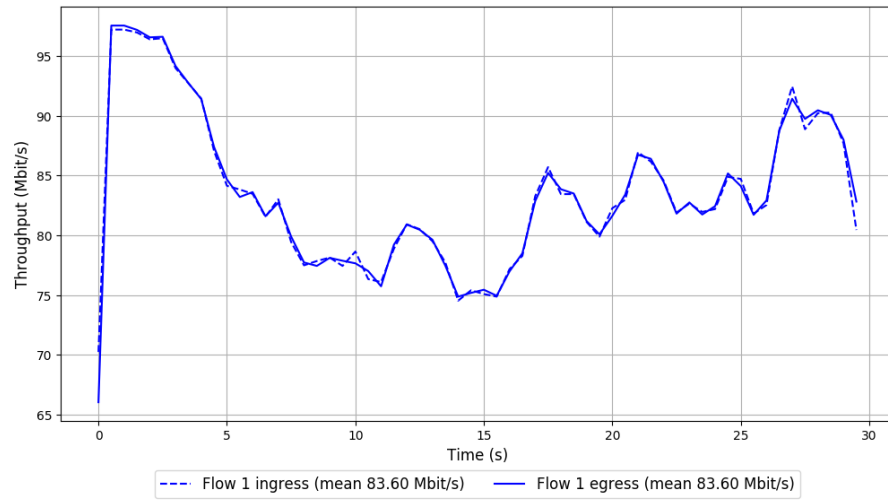
-- Flow 1:

Average throughput: 83.60 Mbit/s

95th percentile per-packet one-way delay: 18.387 ms

Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

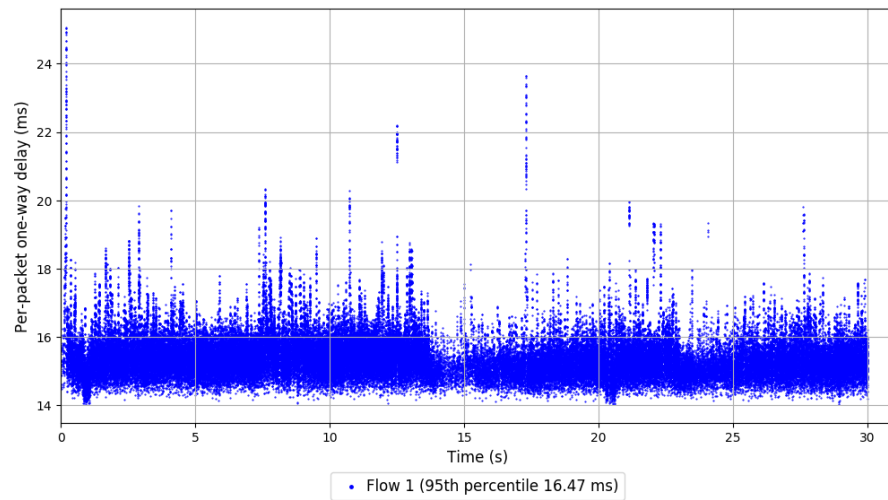
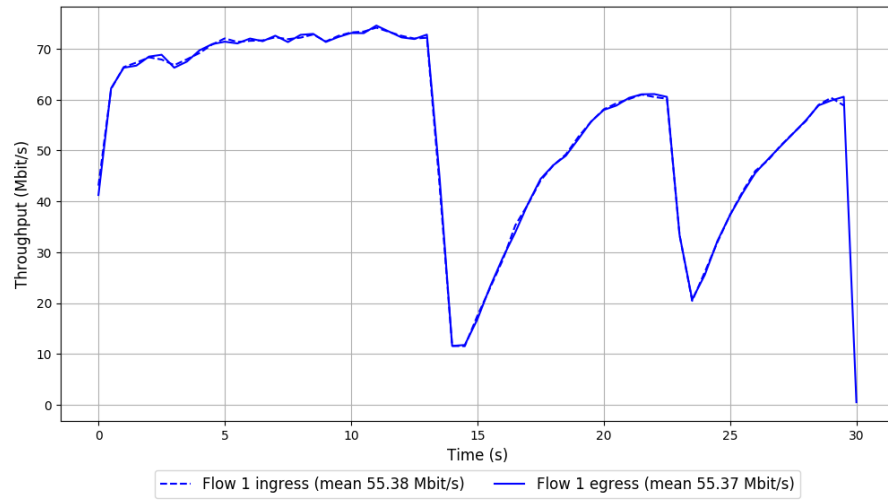


Run 3: Statistics of TCP Vegas

Start at: 2017-09-17 14:06:28
End at: 2017-09-17 14:06:58
Local clock offset: 7.864 ms
Remote clock offset: -1.776 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 16.469 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.37 Mbit/s
95th percentile per-packet one-way delay: 16.469 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

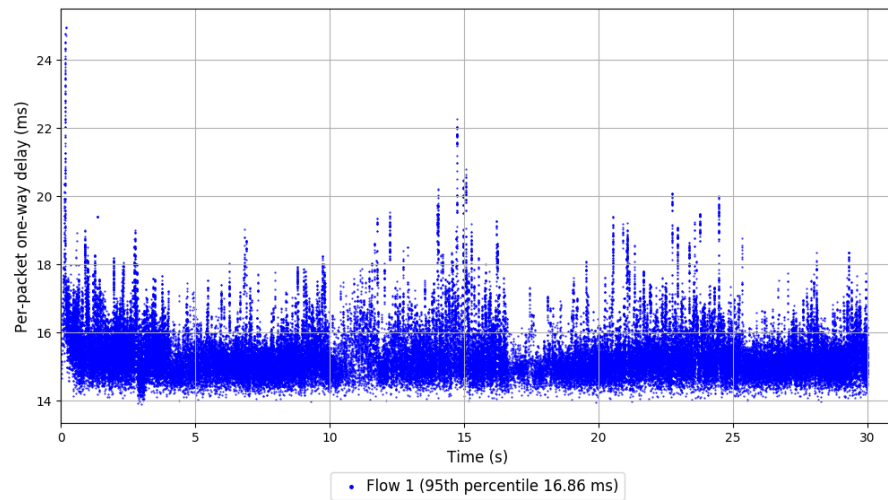
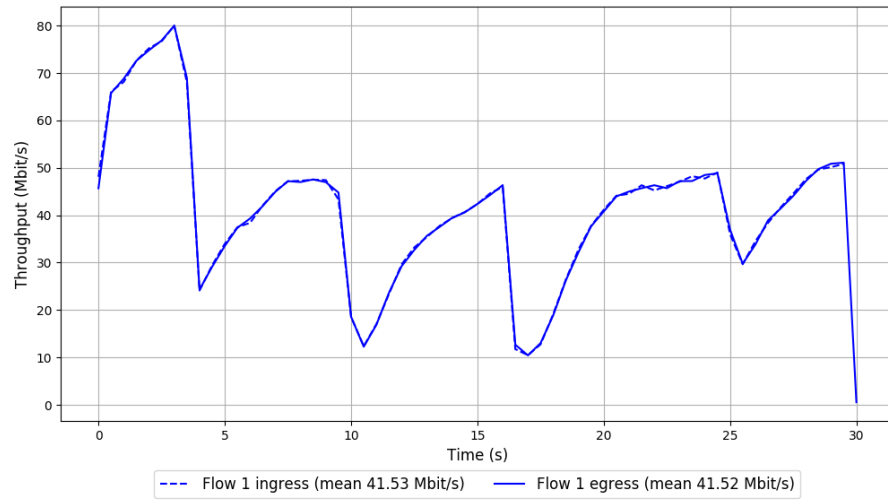


Run 4: Statistics of TCP Vegas

Start at: 2017-09-17 14:30:15
End at: 2017-09-17 14:30:45
Local clock offset: 4.966 ms
Remote clock offset: -1.365 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 16.856 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 41.52 Mbit/s
95th percentile per-packet one-way delay: 16.856 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

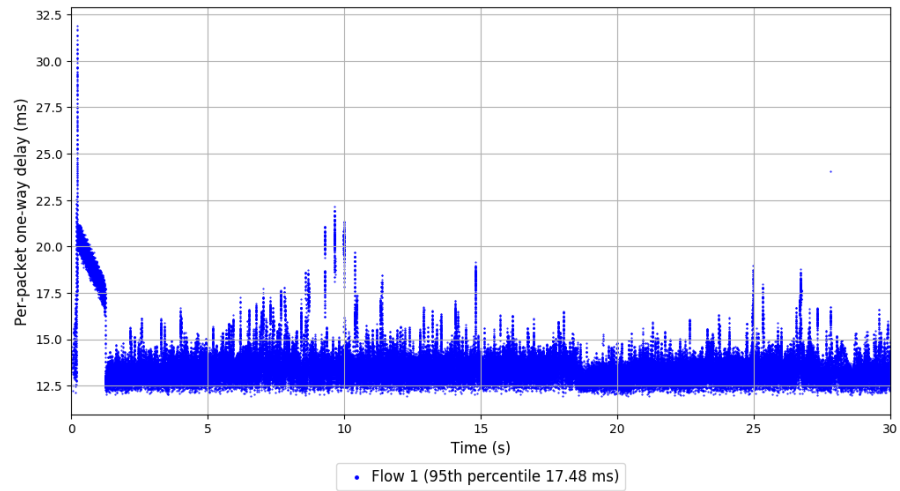
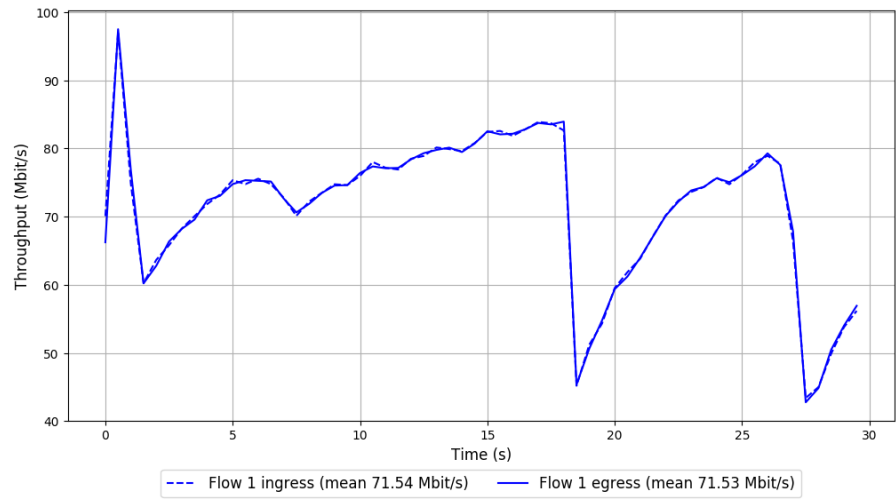


Run 5: Statistics of TCP Vegas

Start at: 2017-09-17 15:18:47
End at: 2017-09-17 15:19:17
Local clock offset: 6.783 ms
Remote clock offset: -1.901 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.53 Mbit/s
95th percentile per-packet one-way delay: 17.479 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.53 Mbit/s
95th percentile per-packet one-way delay: 17.479 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

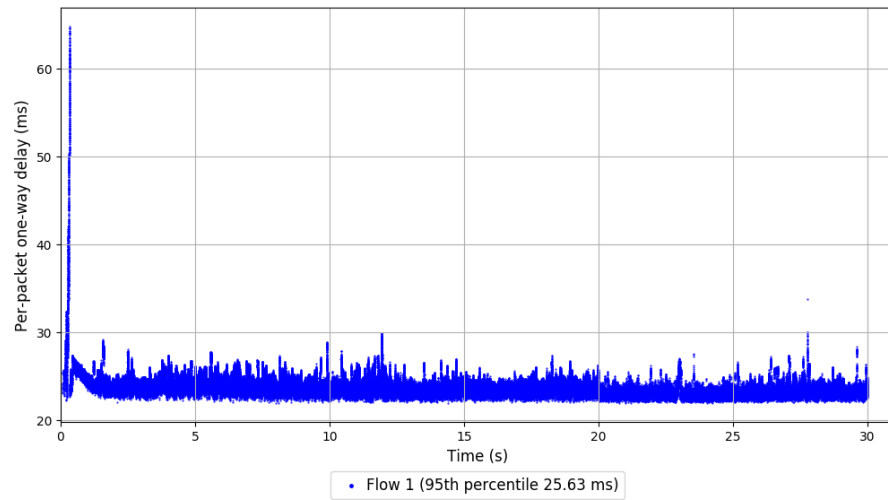
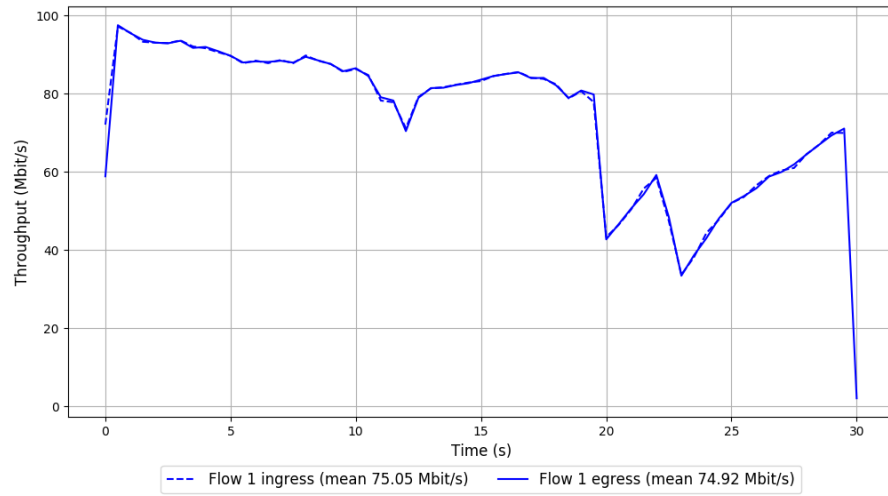


Run 6: Statistics of TCP Vegas

Start at: 2017-09-17 15:47:22
End at: 2017-09-17 15:47:52
Local clock offset: 3.147 ms
Remote clock offset: -1.265 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.92 Mbit/s
95th percentile per-packet one-way delay: 25.633 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 74.92 Mbit/s
95th percentile per-packet one-way delay: 25.633 ms
Loss rate: 0.18%

Run 6: Report of TCP Vegas — Data Link

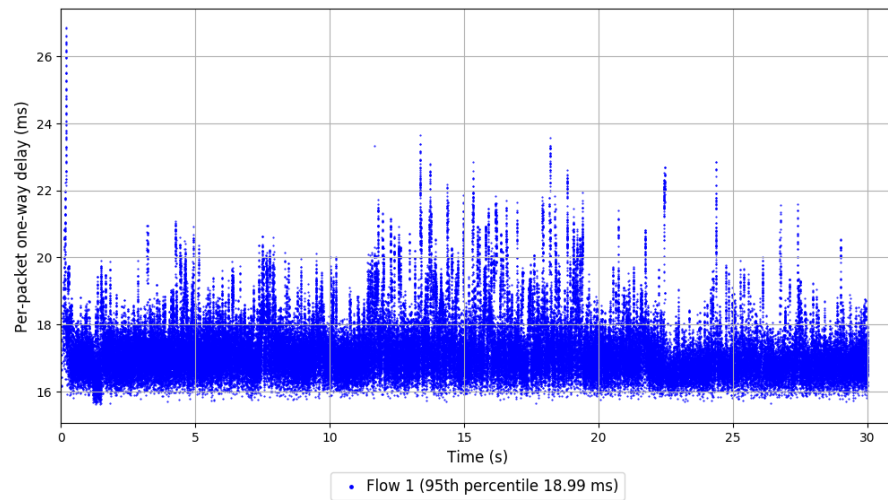
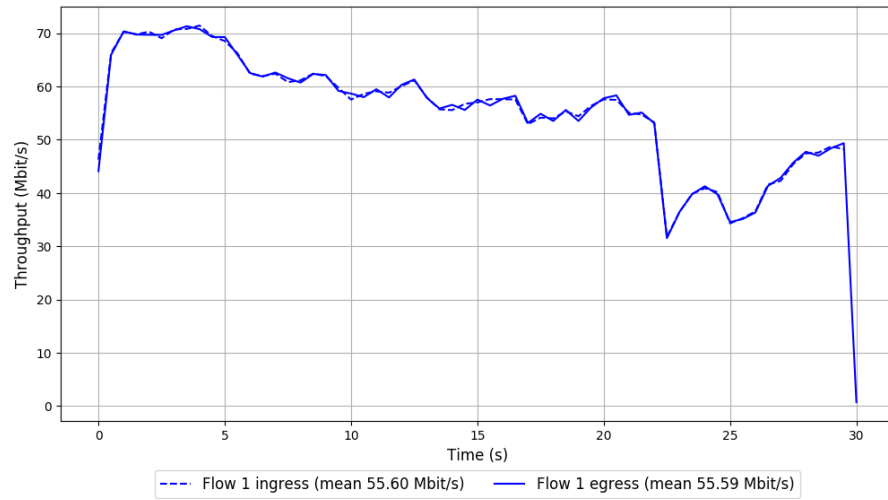


Run 7: Statistics of TCP Vegas

Start at: 2017-09-17 16:18:26
End at: 2017-09-17 16:18:56
Local clock offset: 1.214 ms
Remote clock offset: -1.787 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 18.987 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 55.59 Mbit/s
95th percentile per-packet one-way delay: 18.987 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2017-09-17 17:31:02

End at: 2017-09-17 17:31:32

Local clock offset: -1.101 ms

Remote clock offset: -2.24 ms

Below is generated by plot.py at 2017-09-17 19:18:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.21 Mbit/s

95th percentile per-packet one-way delay: 18.086 ms

Loss rate: 0.00%

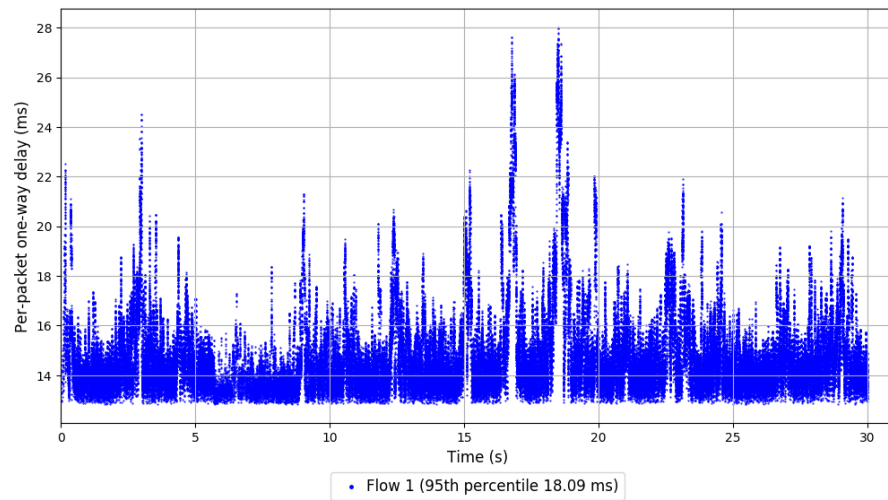
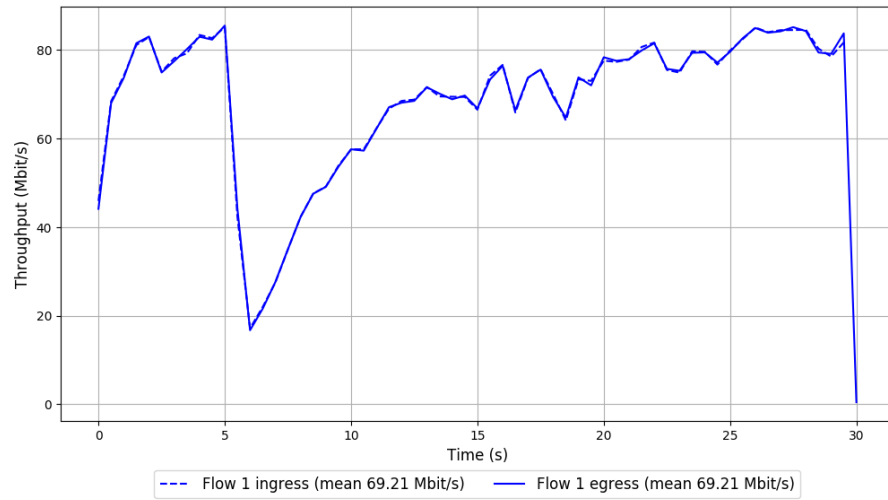
-- Flow 1:

Average throughput: 69.21 Mbit/s

95th percentile per-packet one-way delay: 18.086 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

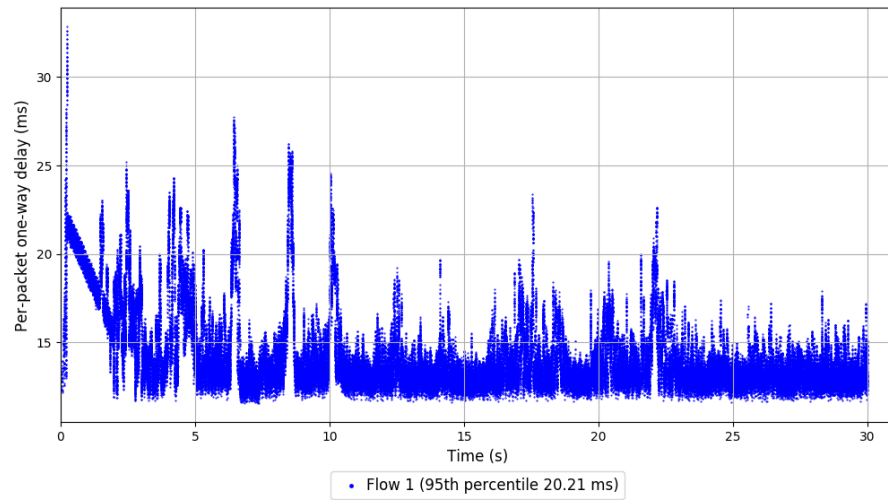
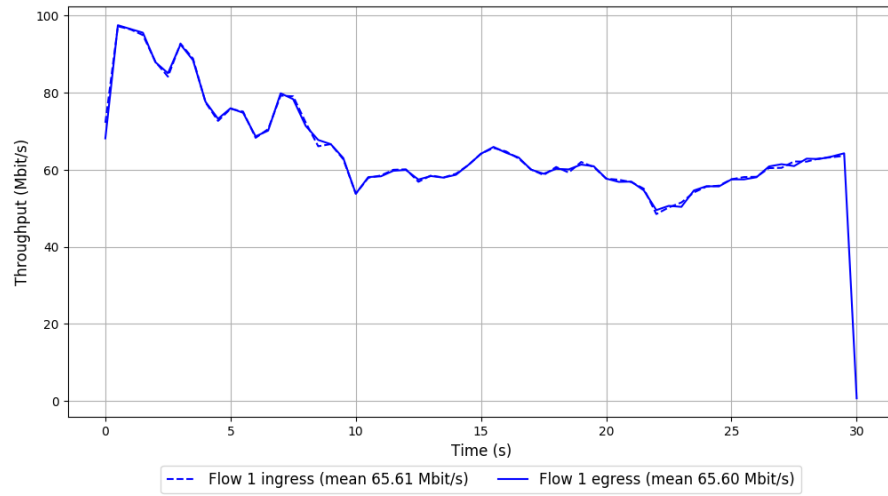


Run 9: Statistics of TCP Vegas

Start at: 2017-09-17 17:53:34
End at: 2017-09-17 17:54:04
Local clock offset: -0.012 ms
Remote clock offset: -1.156 ms

Below is generated by plot.py at 2017-09-17 19:18:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.60 Mbit/s
95th percentile per-packet one-way delay: 20.210 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 65.60 Mbit/s
95th percentile per-packet one-way delay: 20.210 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-09-17 18:15:57

End at: 2017-09-17 18:16:27

Local clock offset: -0.381 ms

Remote clock offset: -1.26 ms

Below is generated by plot.py at 2017-09-17 19:19:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.45 Mbit/s

95th percentile per-packet one-way delay: 24.796 ms

Loss rate: 0.00%

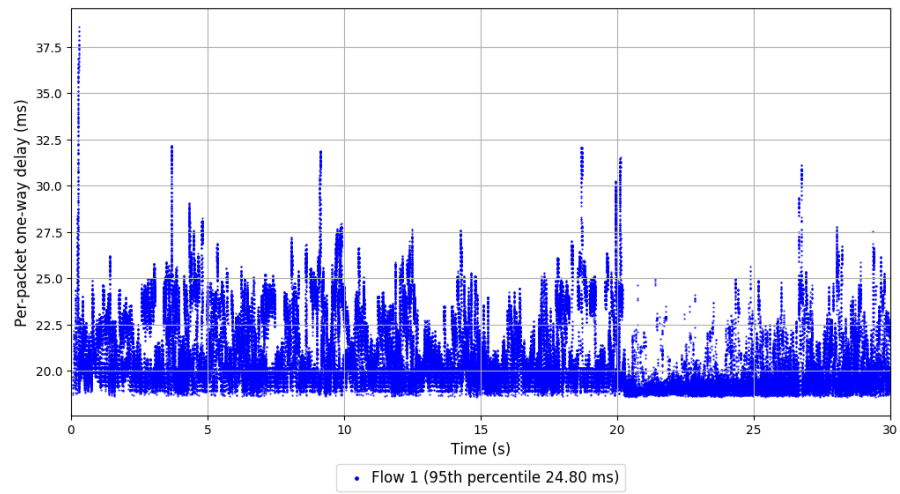
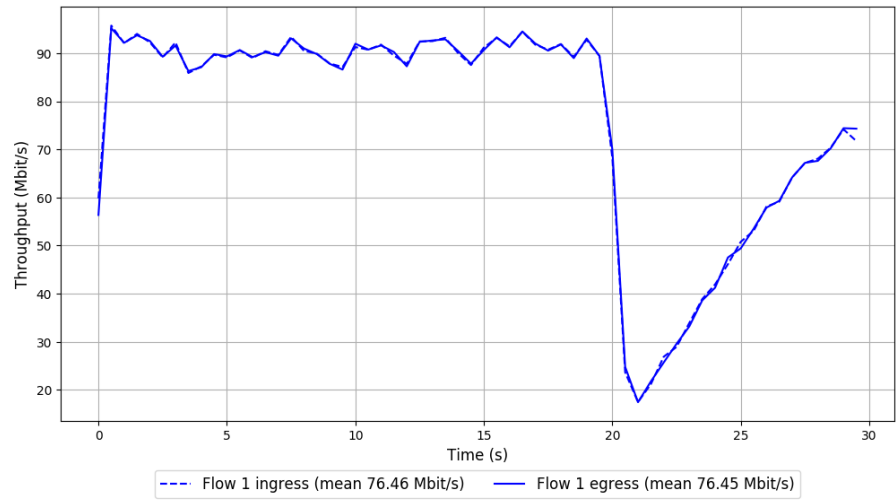
-- Flow 1:

Average throughput: 76.45 Mbit/s

95th percentile per-packet one-way delay: 24.796 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

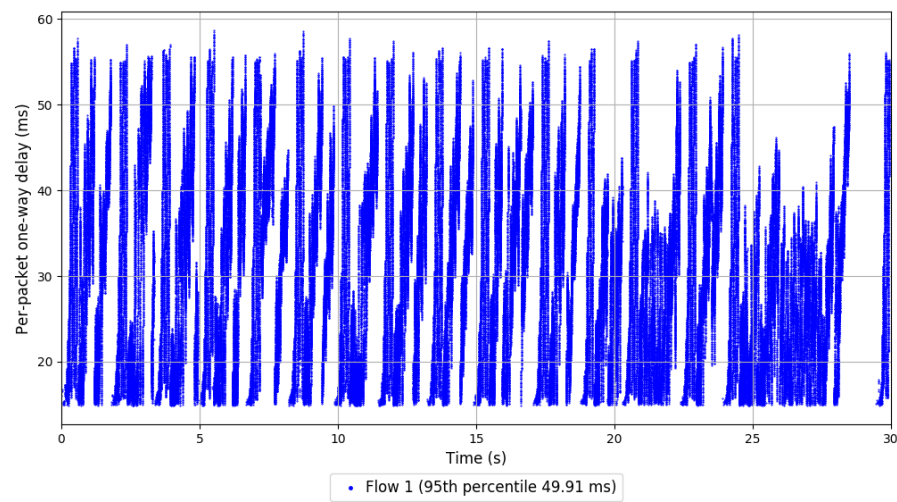
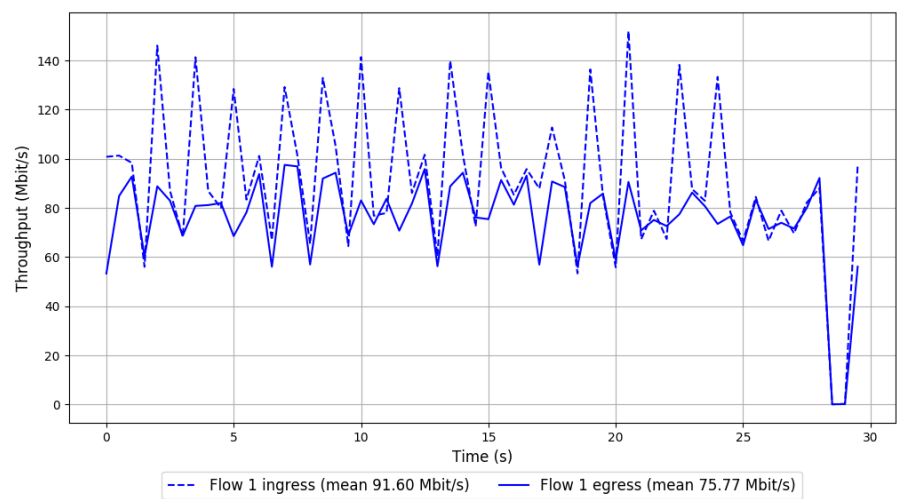


Run 1: Statistics of Verus

Start at: 2017-09-17 13:35:15
End at: 2017-09-17 13:35:45
Local clock offset: 6.48 ms
Remote clock offset: -1.576 ms

Below is generated by plot.py at 2017-09-17 19:19:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 49.910 ms
Loss rate: 17.25%
-- Flow 1:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 49.910 ms
Loss rate: 17.25%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2017-09-17 13:59:16

End at: 2017-09-17 13:59:46

Local clock offset: 5.822 ms

Remote clock offset: -1.85 ms

Below is generated by plot.py at 2017-09-17 19:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 58.42 Mbit/s

95th percentile per-packet one-way delay: 61.829 ms

Loss rate: 76.56%

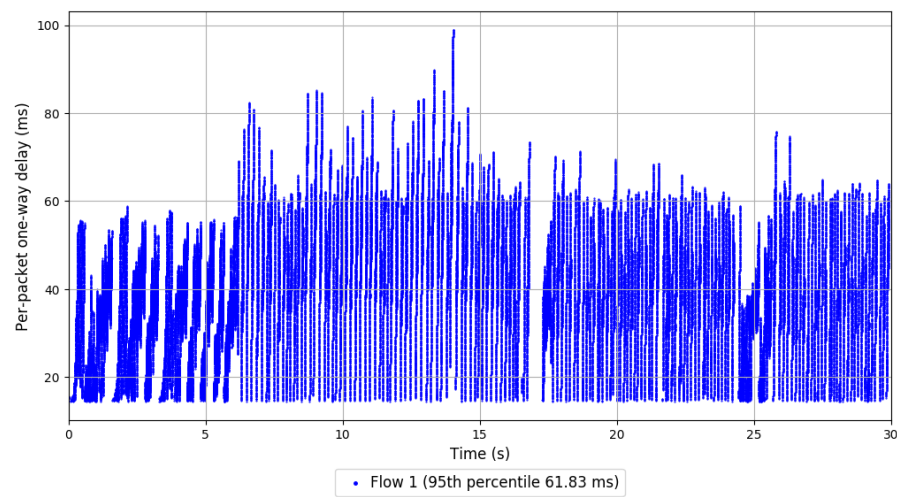
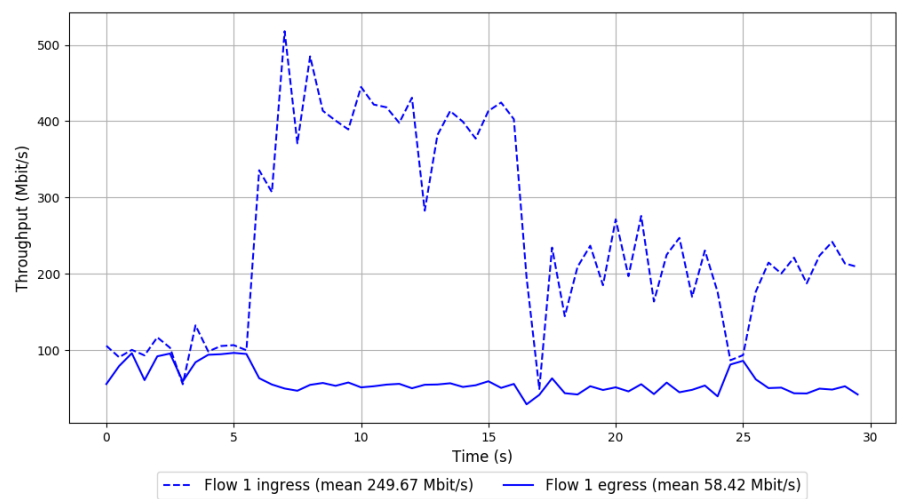
-- Flow 1:

Average throughput: 58.42 Mbit/s

95th percentile per-packet one-way delay: 61.829 ms

Loss rate: 76.56%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-09-17 14:23:29

End at: 2017-09-17 14:23:59

Local clock offset: 8.103 ms

Remote clock offset: -1.0 ms

Below is generated by plot.py at 2017-09-17 19:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.16 Mbit/s

95th percentile per-packet one-way delay: 60.198 ms

Loss rate: 27.38%

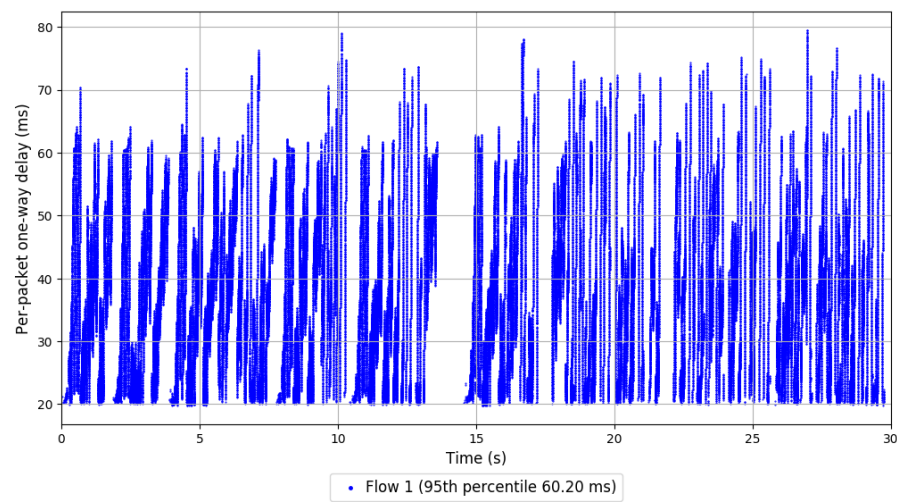
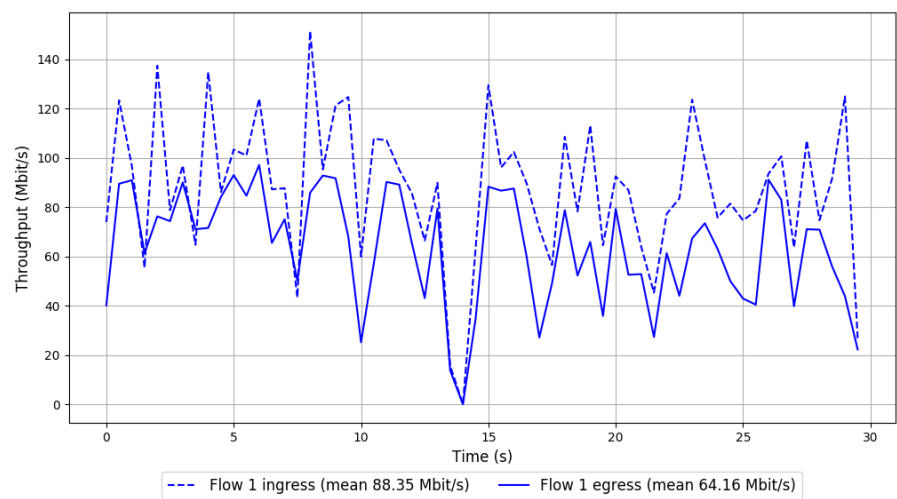
-- Flow 1:

Average throughput: 64.16 Mbit/s

95th percentile per-packet one-way delay: 60.198 ms

Loss rate: 27.38%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-09-17 15:03:08

End at: 2017-09-17 15:03:39

Local clock offset: 3.974 ms

Remote clock offset: -1.742 ms

Below is generated by plot.py at 2017-09-17 19:19:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 44.419 ms

Loss rate: 5.36%

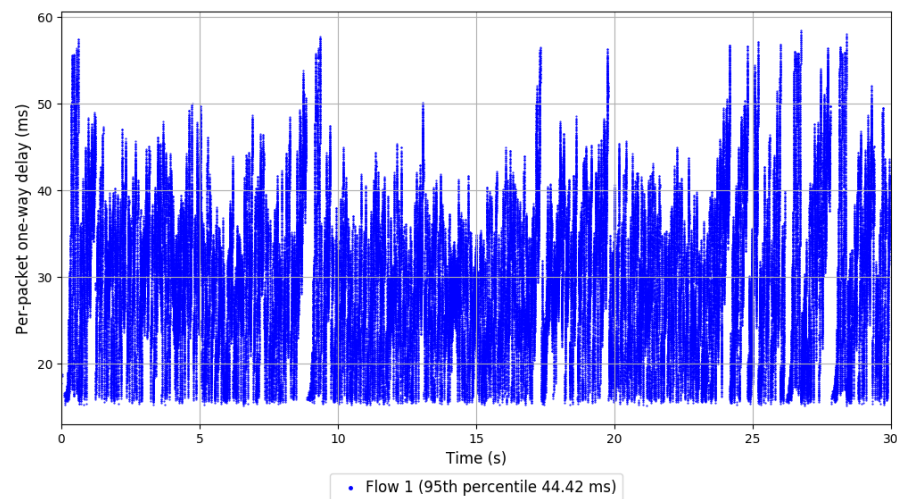
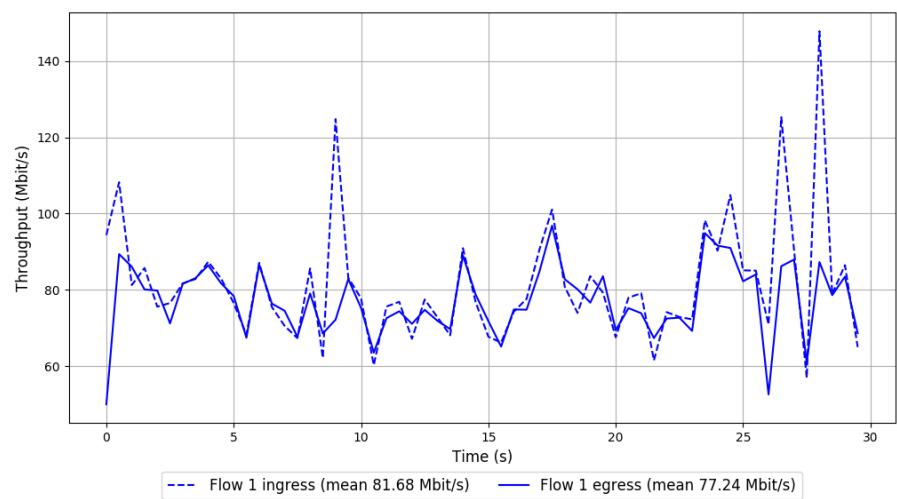
-- Flow 1:

Average throughput: 77.24 Mbit/s

95th percentile per-packet one-way delay: 44.419 ms

Loss rate: 5.36%

Run 4: Report of Verus — Data Link

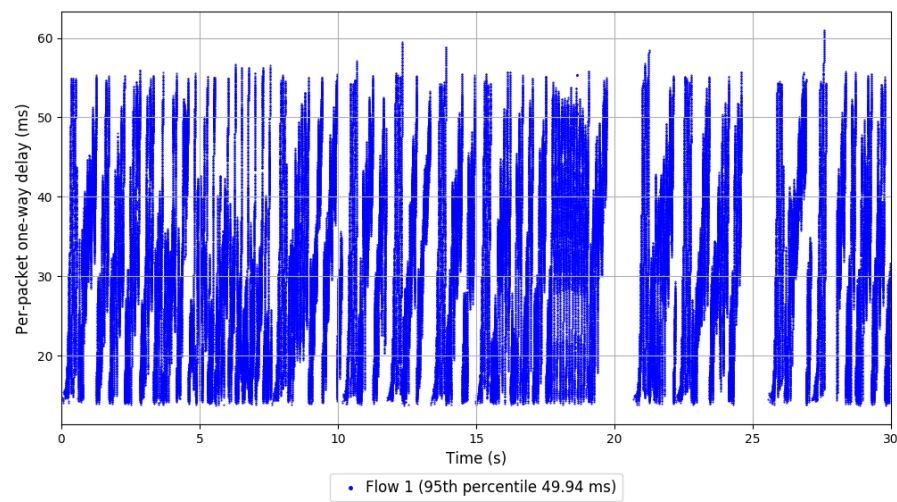
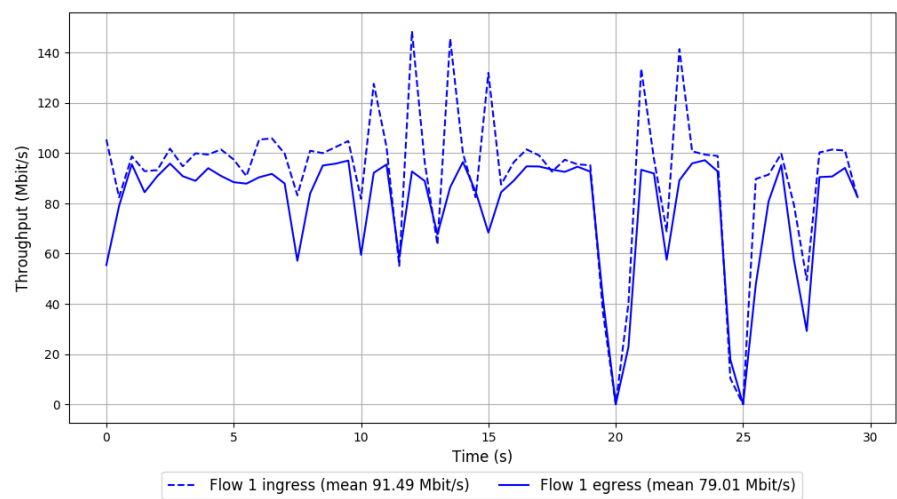


Run 5: Statistics of Verus

Start at: 2017-09-17 15:38:50
End at: 2017-09-17 15:39:20
Local clock offset: 3.053 ms
Remote clock offset: -1.511 ms

Below is generated by plot.py at 2017-09-17 19:19:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.01 Mbit/s
95th percentile per-packet one-way delay: 49.935 ms
Loss rate: 13.63%
-- Flow 1:
Average throughput: 79.01 Mbit/s
95th percentile per-packet one-way delay: 49.935 ms
Loss rate: 13.63%

Run 5: Report of Verus — Data Link

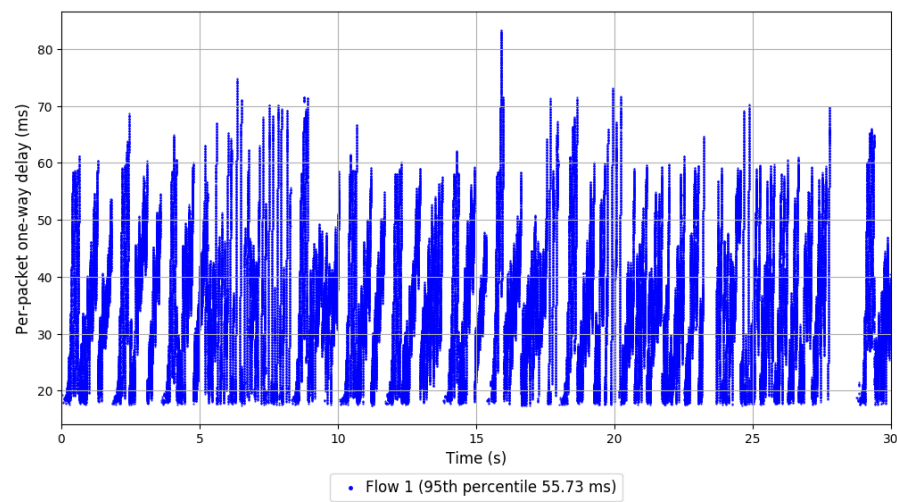
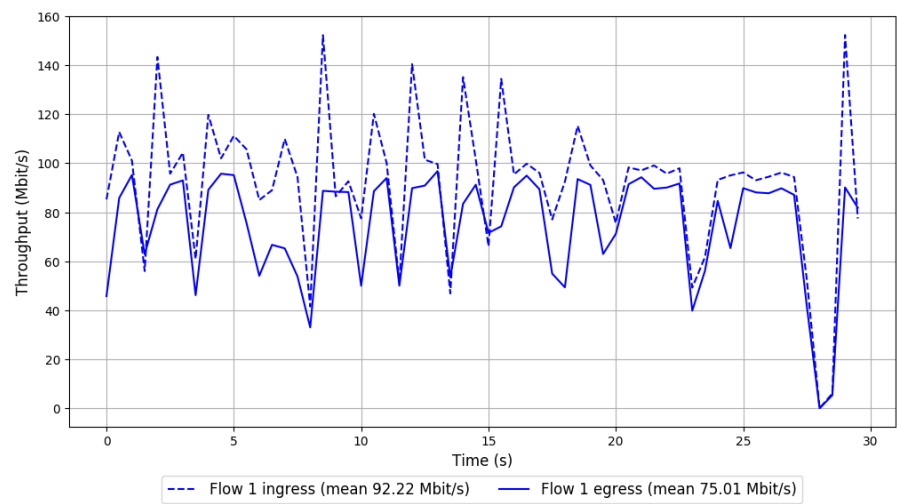


Run 6: Statistics of Verus

Start at: 2017-09-17 16:08:55
End at: 2017-09-17 16:09:25
Local clock offset: 5.961 ms
Remote clock offset: -2.204 ms

Below is generated by plot.py at 2017-09-17 19:19:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.01 Mbit/s
95th percentile per-packet one-way delay: 55.734 ms
Loss rate: 18.60%
-- Flow 1:
Average throughput: 75.01 Mbit/s
95th percentile per-packet one-way delay: 55.734 ms
Loss rate: 18.60%

Run 6: Report of Verus — Data Link

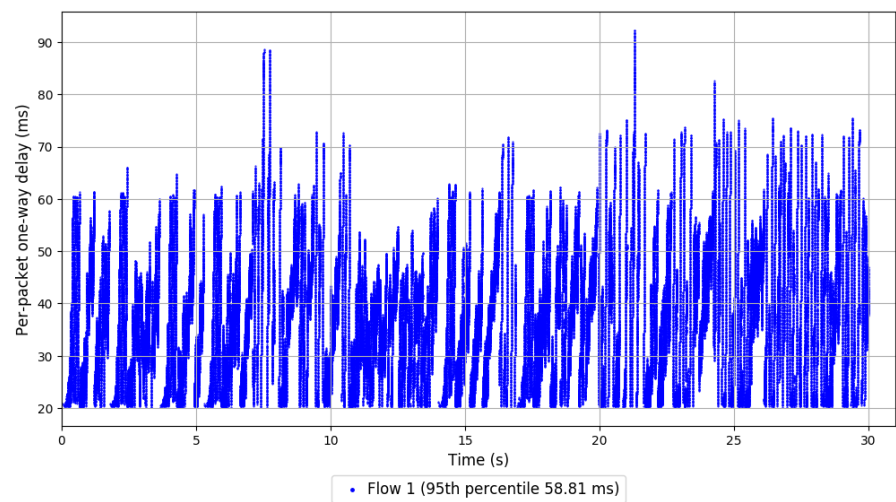
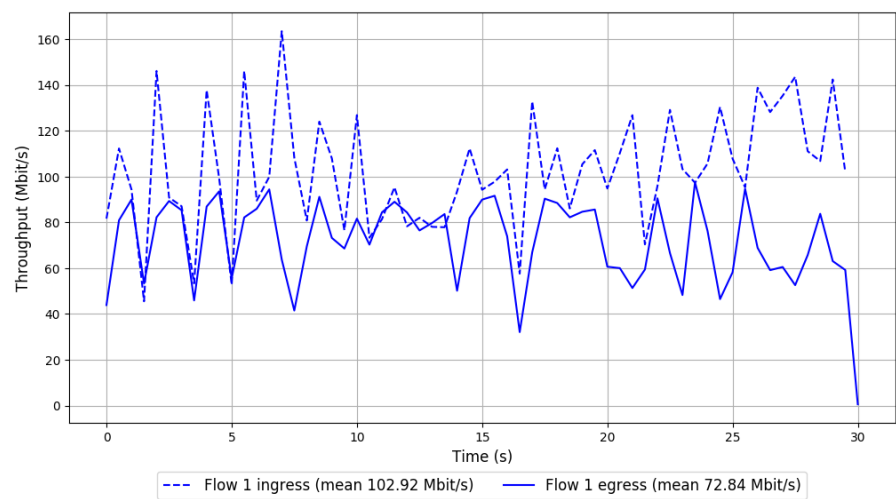


Run 7: Statistics of Verus

Start at: 2017-09-17 17:23:29
End at: 2017-09-17 17:23:59
Local clock offset: 0.95 ms
Remote clock offset: -1.694 ms

Below is generated by plot.py at 2017-09-17 19:20:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 58.811 ms
Loss rate: 29.17%
-- Flow 1:
Average throughput: 72.84 Mbit/s
95th percentile per-packet one-way delay: 58.811 ms
Loss rate: 29.17%

Run 7: Report of Verus — Data Link

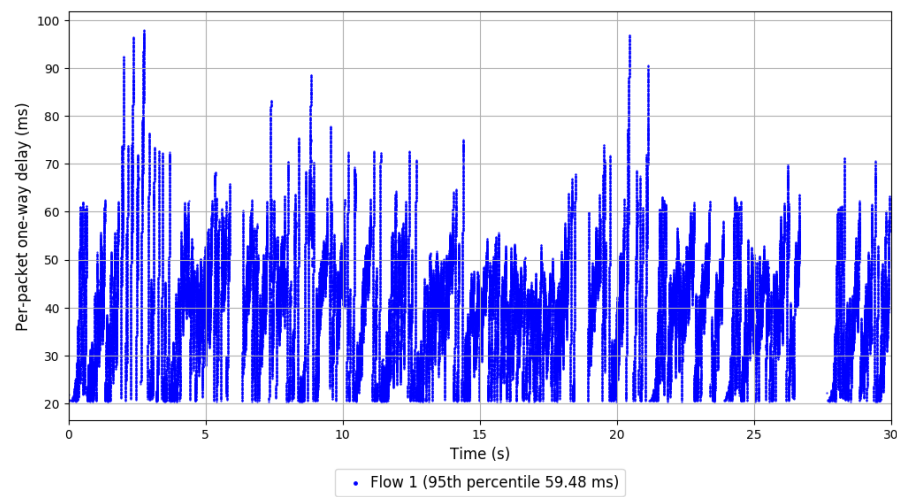
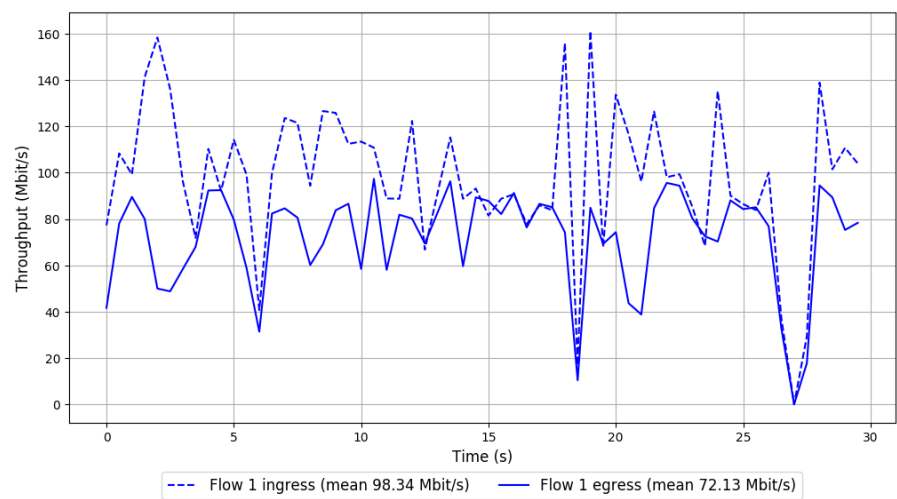


Run 8: Statistics of Verus

Start at: 2017-09-17 17:46:41
End at: 2017-09-17 17:47:11
Local clock offset: 0.571 ms
Remote clock offset: -0.692 ms

Below is generated by plot.py at 2017-09-17 19:20:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.13 Mbit/s
95th percentile per-packet one-way delay: 59.483 ms
Loss rate: 26.63%
-- Flow 1:
Average throughput: 72.13 Mbit/s
95th percentile per-packet one-way delay: 59.483 ms
Loss rate: 26.63%

Run 8: Report of Verus — Data Link

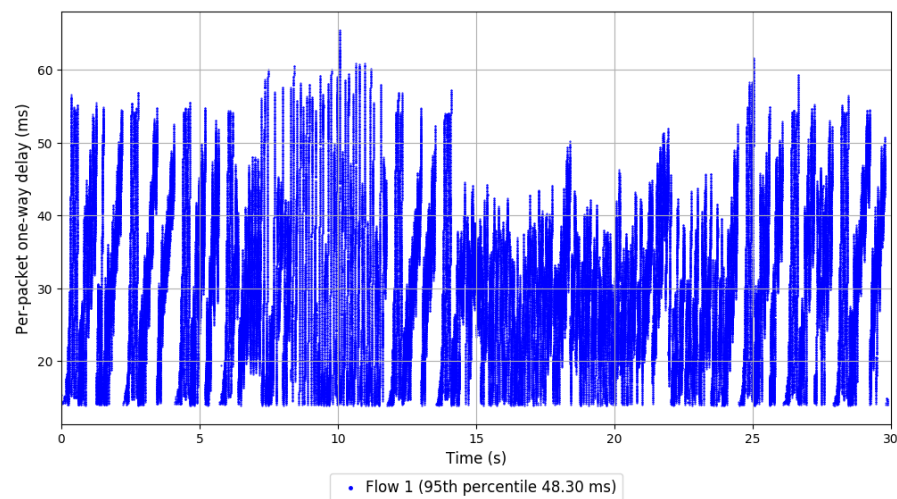
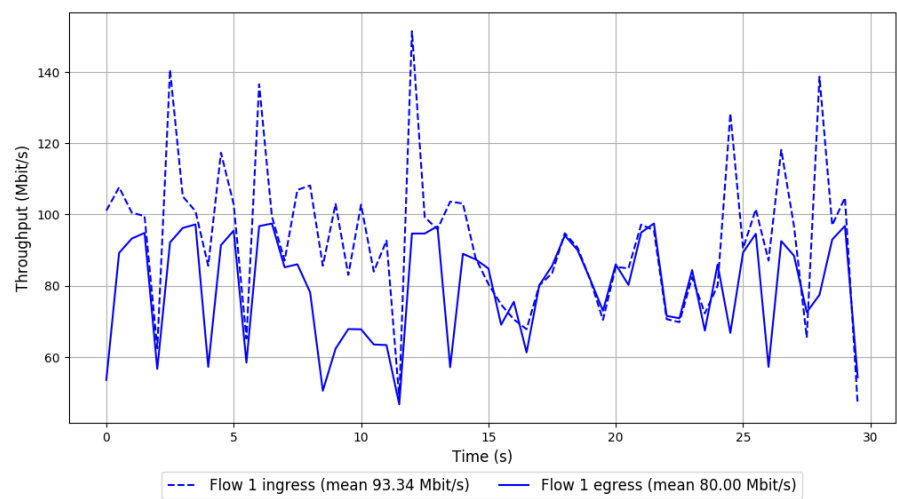


Run 9: Statistics of Verus

Start at: 2017-09-17 18:09:20
End at: 2017-09-17 18:09:50
Local clock offset: -1.593 ms
Remote clock offset: -1.206 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: 48.304 ms
Loss rate: 14.30%
-- Flow 1:
Average throughput: 80.00 Mbit/s
95th percentile per-packet one-way delay: 48.304 ms
Loss rate: 14.30%

Run 9: Report of Verus — Data Link

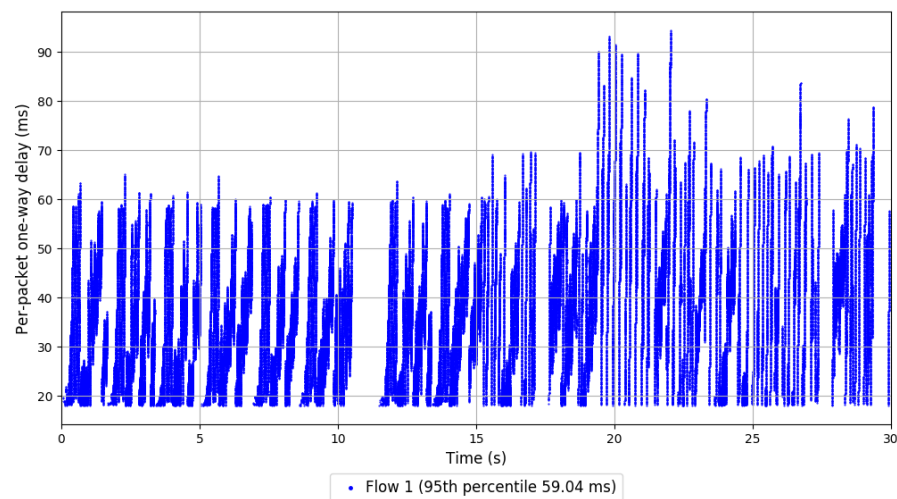
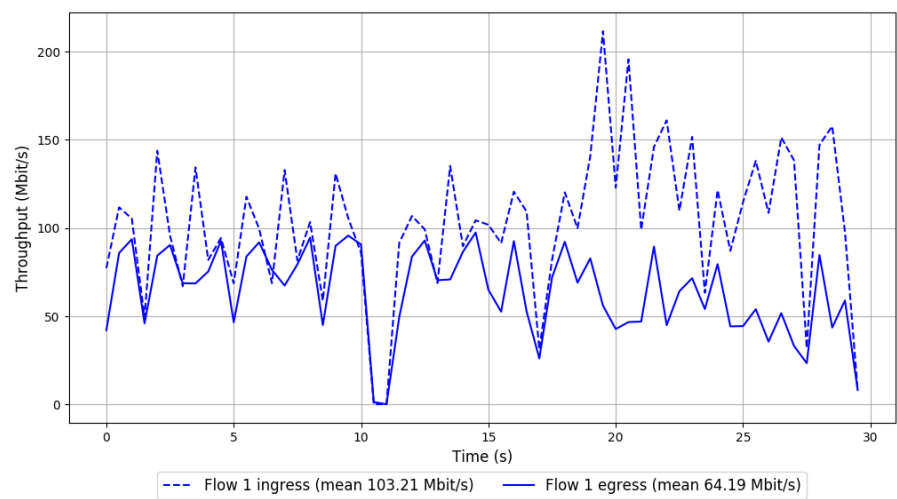


Run 10: Statistics of Verus

Start at: 2017-09-17 18:31:22
End at: 2017-09-17 18:31:52
Local clock offset: -1.076 ms
Remote clock offset: -1.883 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 59.044 ms
Loss rate: 37.72%
-- Flow 1:
Average throughput: 64.19 Mbit/s
95th percentile per-packet one-way delay: 59.044 ms
Loss rate: 37.72%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-17 13:15:03

End at: 2017-09-17 13:15:33

Local clock offset: 3.734 ms

Remote clock offset: -1.64 ms

Below is generated by plot.py at 2017-09-17 19:20:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 24.741 ms

Loss rate: 0.00%

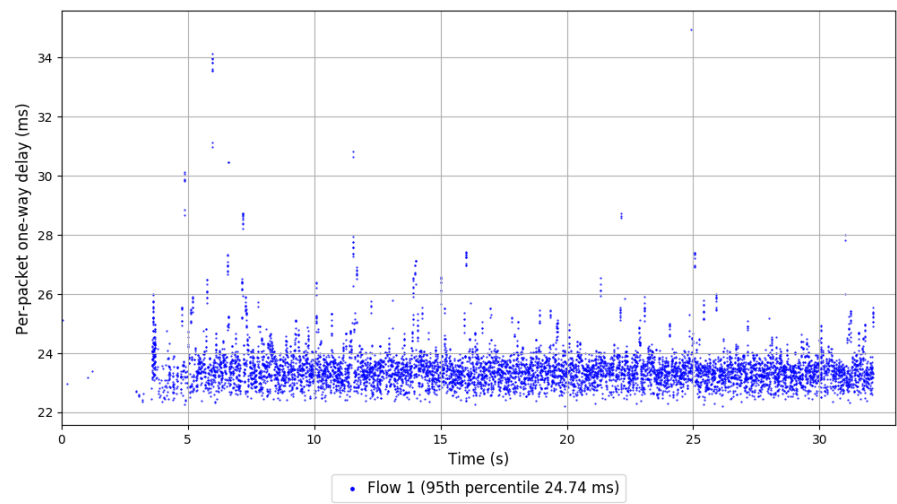
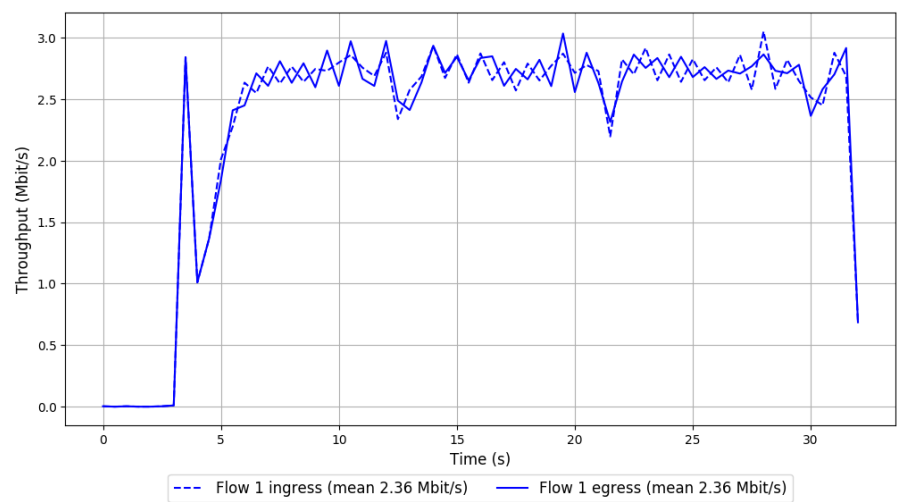
-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 24.741 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

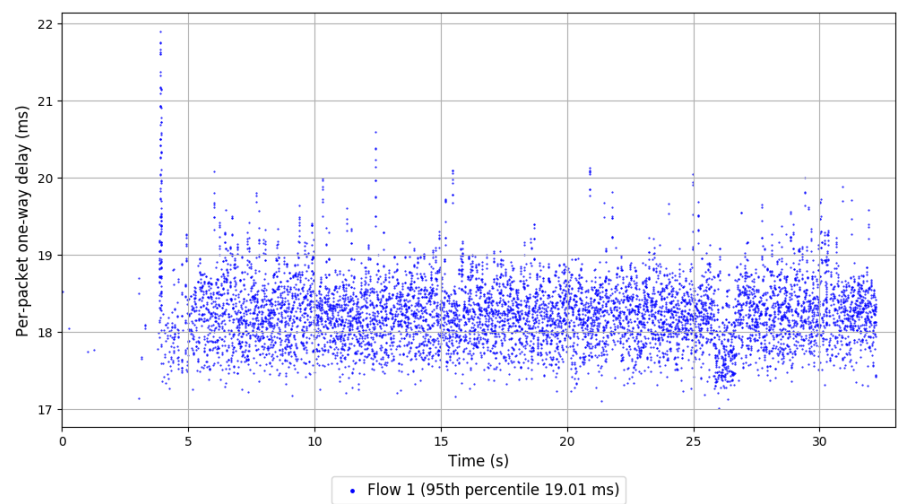
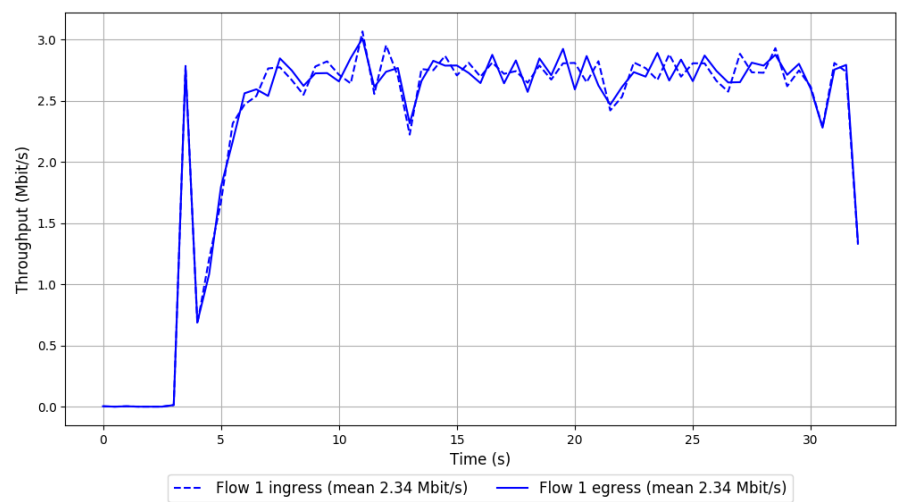


Run 2: Statistics of WebRTC media

Start at: 2017-09-17 13:39:56
End at: 2017-09-17 13:40:26
Local clock offset: 3.861 ms
Remote clock offset: -2.143 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.007 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 19.007 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

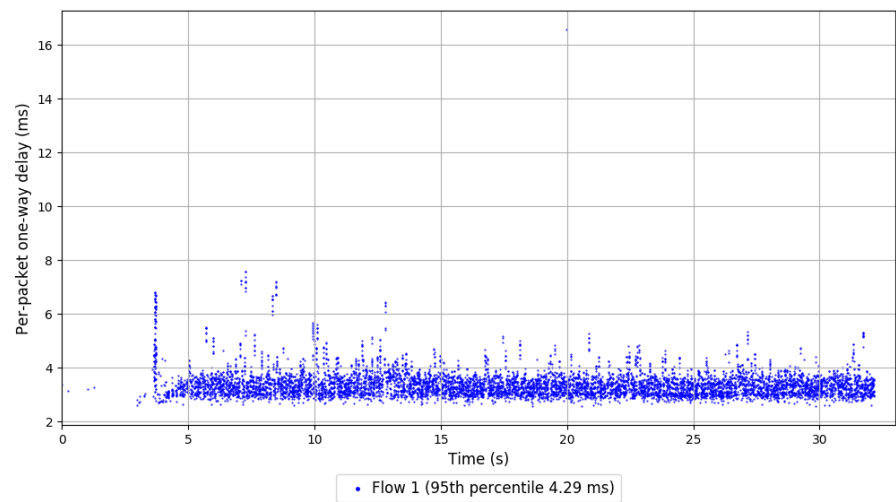
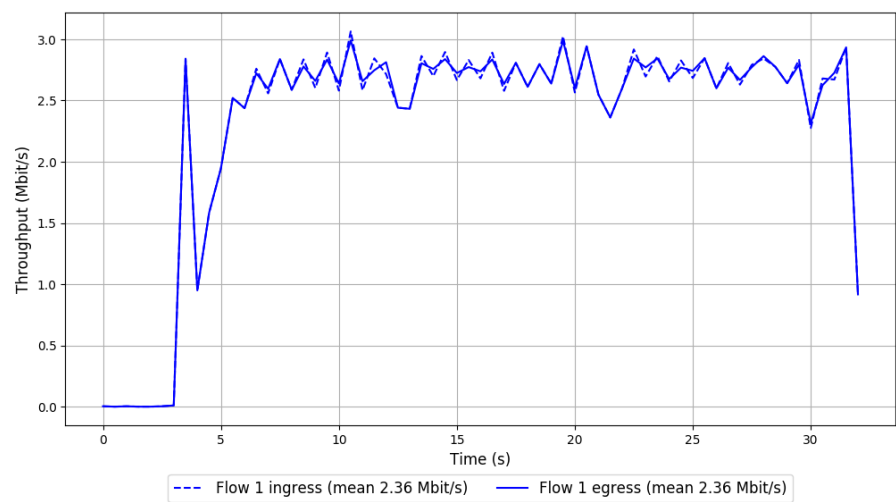


Run 3: Statistics of WebRTC media

Start at: 2017-09-17 14:03:37
End at: 2017-09-17 14:04:07
Local clock offset: 18.657 ms
Remote clock offset: -2.359 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 4.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 4.288 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-09-17 14:27:36

End at: 2017-09-17 14:28:06

Local clock offset: 6.565 ms

Remote clock offset: -1.774 ms

Below is generated by plot.py at 2017-09-17 19:20:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 15.910 ms

Loss rate: 0.00%

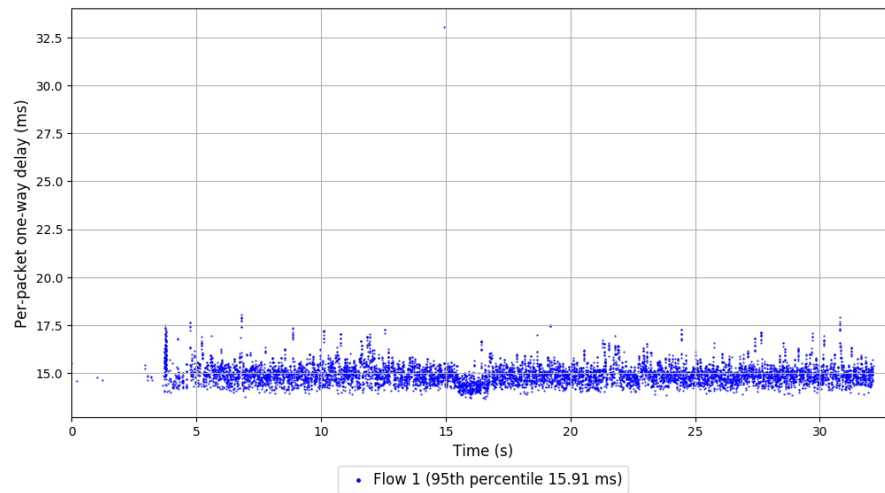
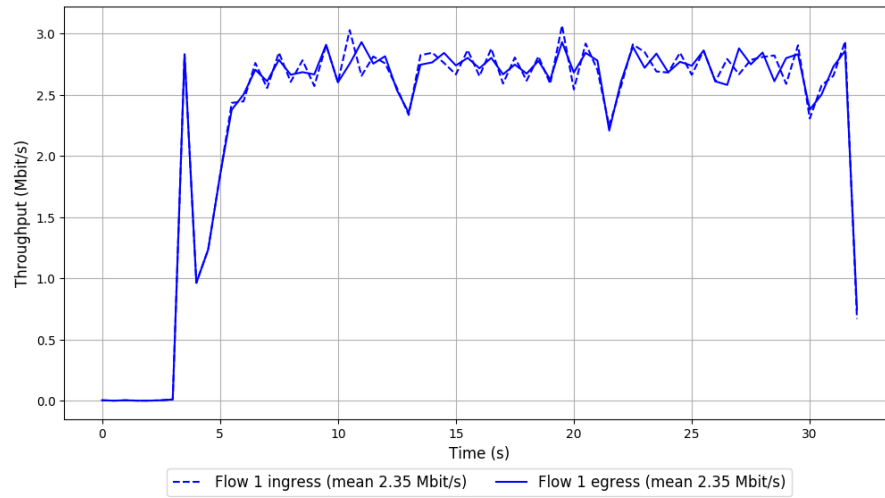
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 15.910 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

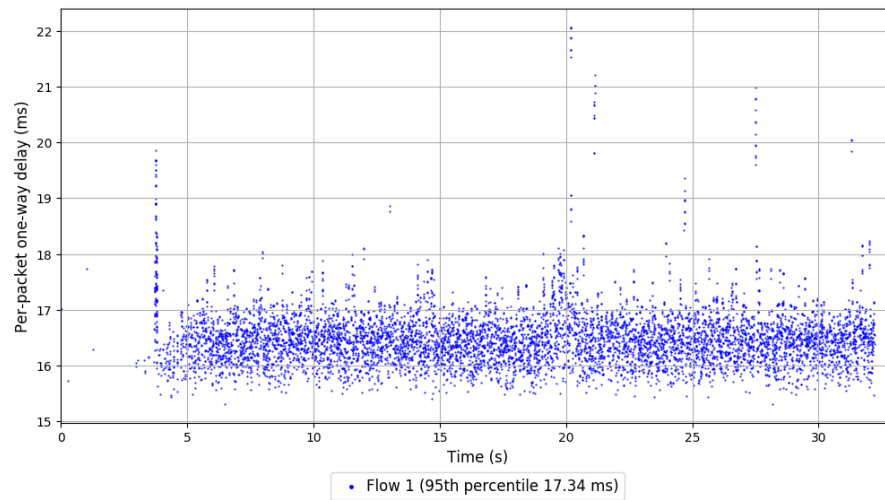
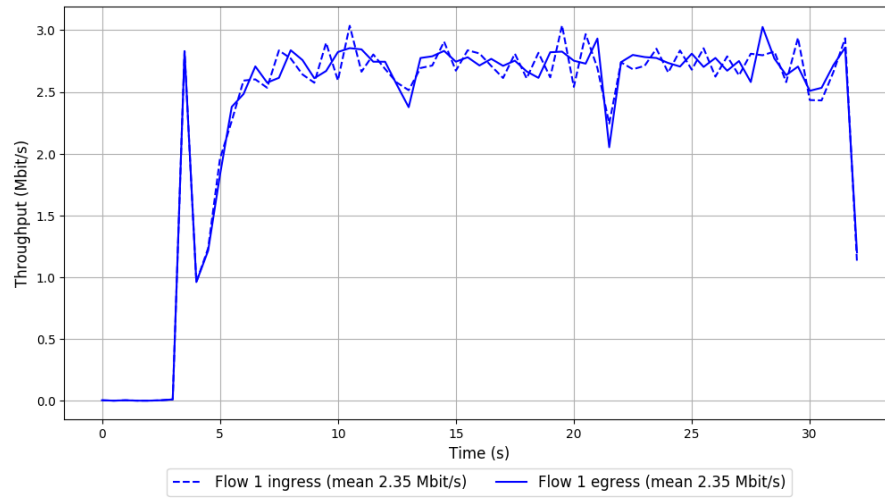


Run 5: Statistics of WebRTC media

Start at: 2017-09-17 15:12:36
End at: 2017-09-17 15:13:06
Local clock offset: 3.095 ms
Remote clock offset: -0.087 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 17.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 17.338 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

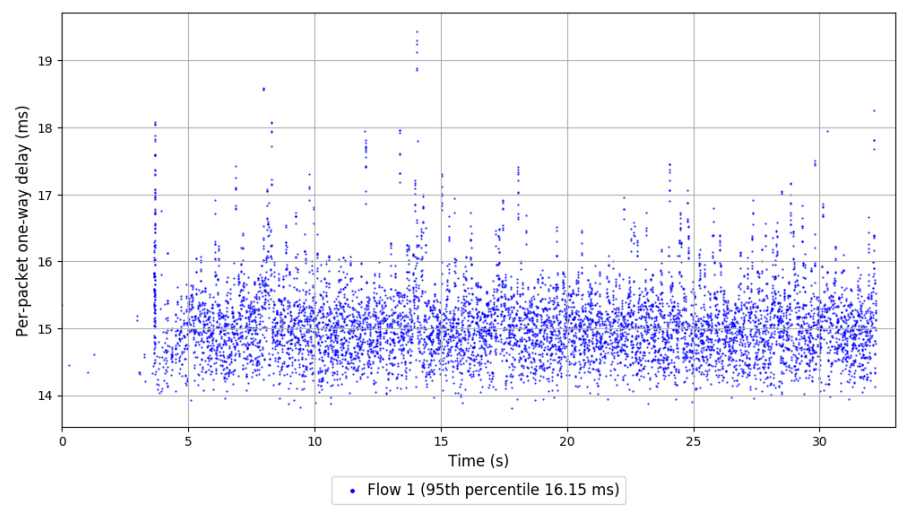
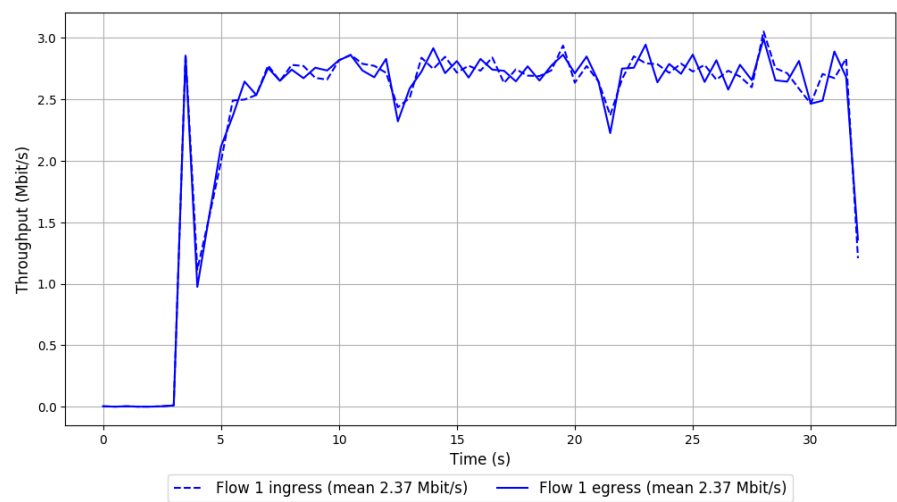


Run 6: Statistics of WebRTC media

Start at: 2017-09-17 15:44:07
End at: 2017-09-17 15:44:37
Local clock offset: 3.782 ms
Remote clock offset: -2.201 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 16.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 16.150 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

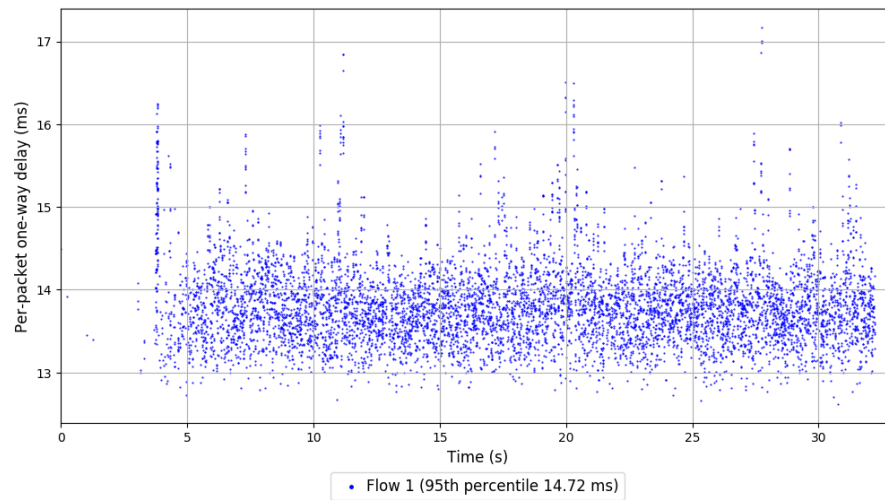
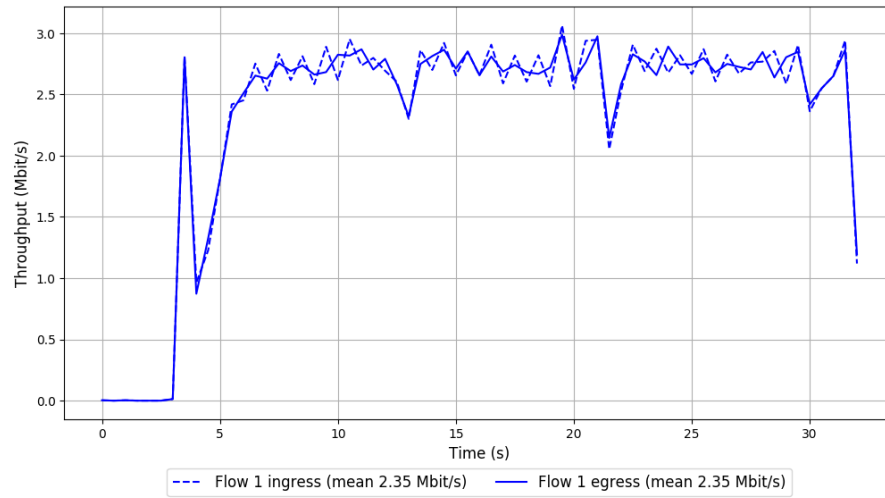


Run 7: Statistics of WebRTC media

Start at: 2017-09-17 16:14:16
End at: 2017-09-17 16:14:46
Local clock offset: 4.695 ms
Remote clock offset: -1.364 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 14.718 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 14.718 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

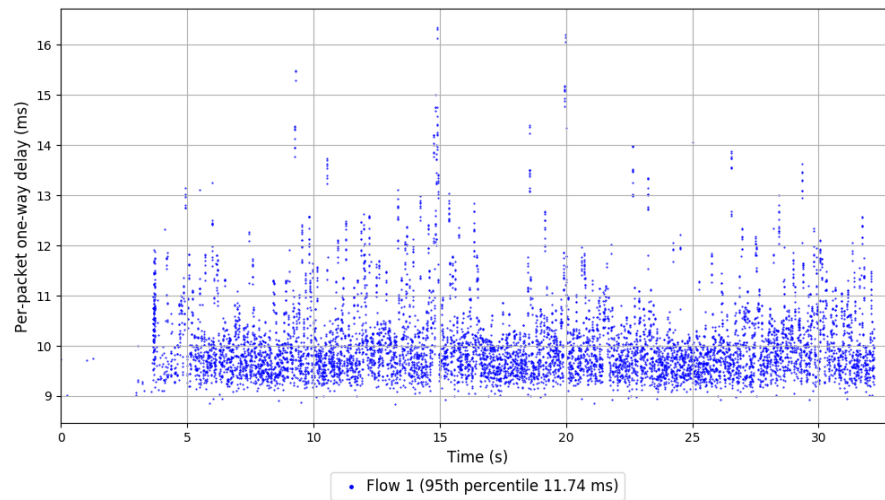
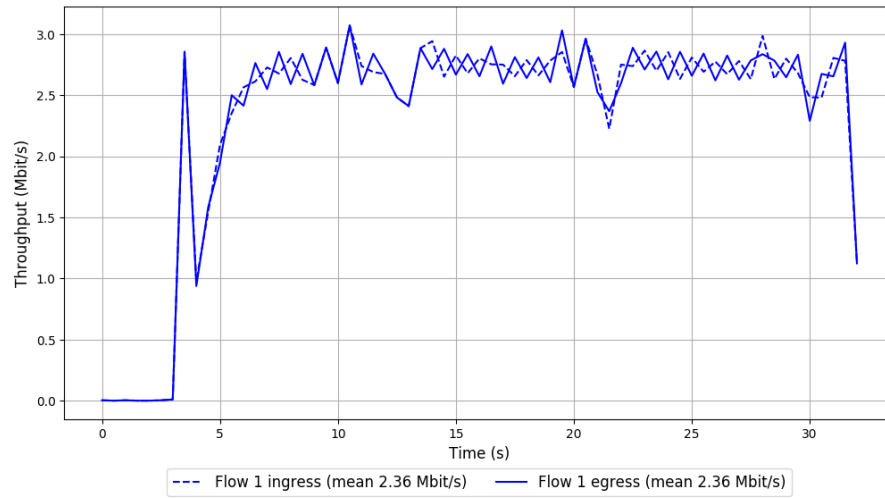


Run 8: Statistics of WebRTC media

Start at: 2017-09-17 17:27:45
End at: 2017-09-17 17:28:16
Local clock offset: 2.67 ms
Remote clock offset: -2.481 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

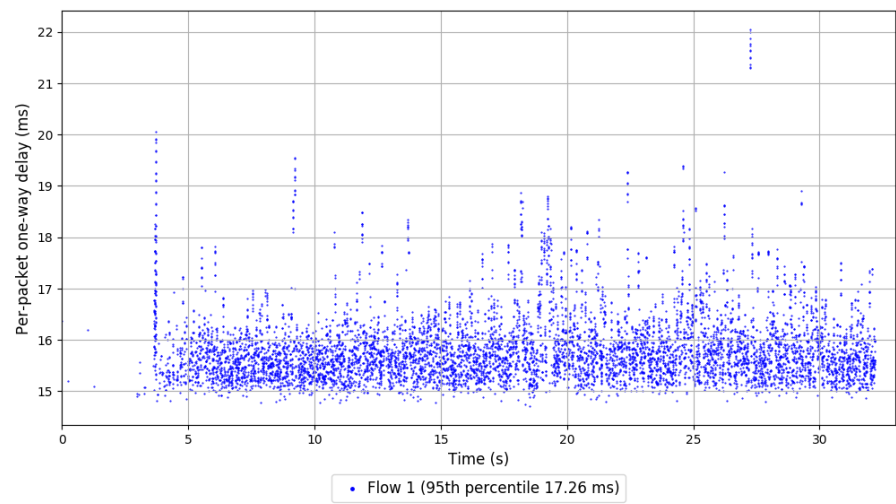
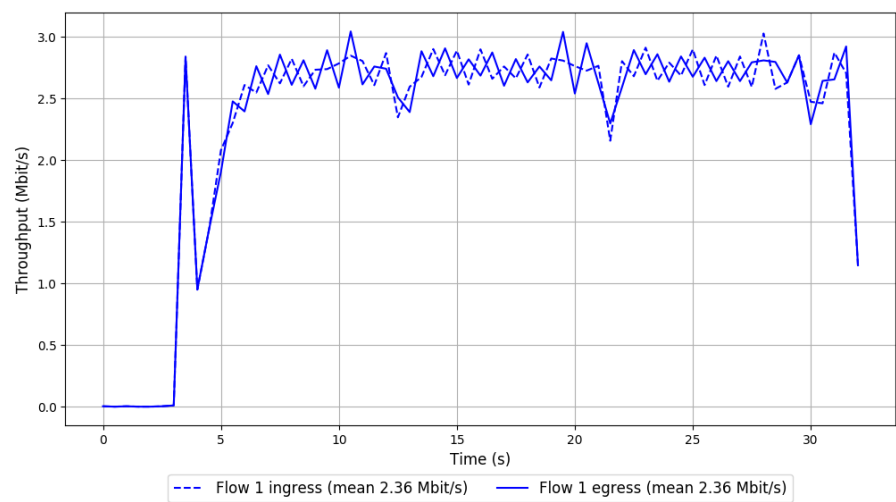


Run 9: Statistics of WebRTC media

Start at: 2017-09-17 17:50:43
End at: 2017-09-17 17:51:13
Local clock offset: -1.497 ms
Remote clock offset: -1.405 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 17.259 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 17.259 ms
Loss rate: 0.01%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-17 18:13:20
End at: 2017-09-17 18:13:50
Local clock offset: -0.665 ms
Remote clock offset: -1.469 ms

Below is generated by plot.py at 2017-09-17 19:20:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 12.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 12.473 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

